

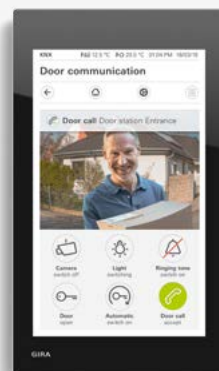
Intelligent building technology by Gira



Gira E2 stainless steel, flat installation
Stylish and beautiful cool silver design.
→ p.99



Plug & Light, Gira spotlight
Floodlights and spotlights for creating ambience.
→ p.311



Gira G1 as a home station
See who is at the door.
→ p.369



Gira System 3000
As universal as it is personal.
→ p.243



Gira DCS mobile
Mobile access – maximum encryption.
→ p.387



Gira Studio AP
Surface-mounted installation redefined.
→ p.137



Gira E2 black matt
Pleasing to the eye. Delightful to touch.
→ p.99



Gira System 106
Modular and flexible door communications
→ p.343



Gira smoke alarm devices
More security and comfort.
→ p.575

Gira
Giersiepen GmbH & Co. KG
Electrical installation systems

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Master data service

The product data is classified according to ETIM and is available in BMECAT. For more information call 02195 602-667.

The Gira catalogue contains an overview of the product range. The product range may differ from the range shown here or other specifications may apply in the respective country. In case of queries, please contact your local representative.

Our worldwide agencies are listed on page 22-23.

Gira online

www.catalogue.gira.com

The Gira online catalogue includes all the items of the Gira product range and enables simple creation of parts lists.

www.designconfigurator.gira.com

The Gira design system at a glance.

www.dcsconfigurator.gira.com

Configuring door communication systems online.

www.download.gira.com

Operating instructions, software, advertising materials, and more.

www.academy.gira.com

In addition to face-to-face seminars, the Gira Academy also offers online seminars and distance learning courses.

www.marking.gira.com

Designing professional inscriptions for Gira products.

www.media.gira.com

The media database offers product illustrations, logos, and videos.

www.press.gira.com

The Gira press area with press texts and photos on current topics.

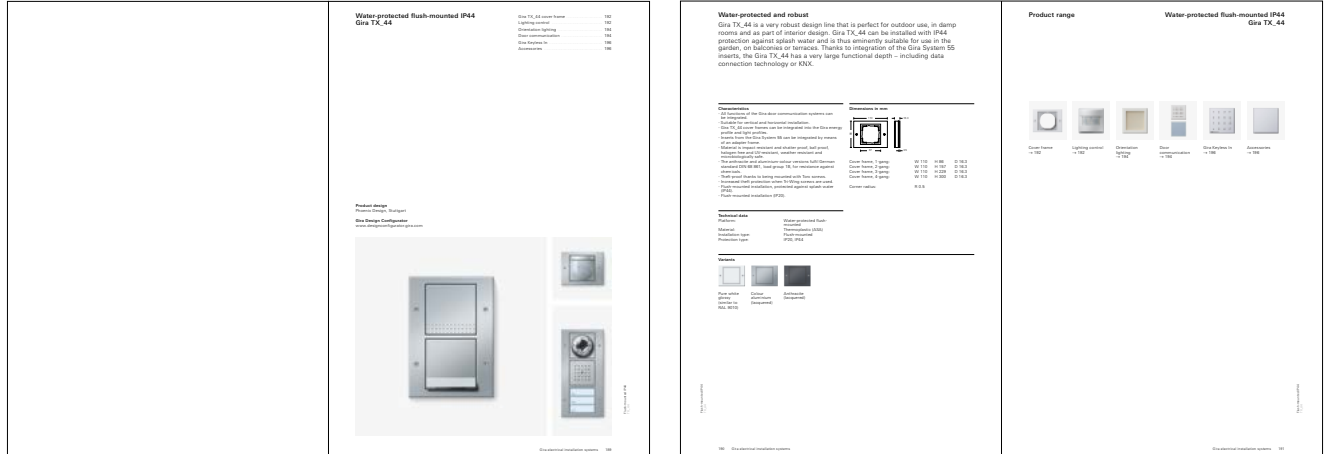
Overview of frequently used flush-mounted inserts

	Order no.
Rocker switch inserts	
Rocker switch insert 10 A 250 V~	0106 00
	Universal off/2-way switch
	Intermediate switch
	Series switch
	2-way switch, 2-gang
Rocker indicator switch insert 10 A 250 V~	0105 00
	Universal off/2-way switch
	Series switch
	0108 00
	0116 00
	0145 00
Rocker button inserts	
Rocker button insert 10 A 250 V~	0151 00
	NO contact 1-pole
	2-way momentary contact, 1-pole
	NO contact 1-pole with N terminal
	2-way momentary contact, 2-gang
	Button, 4-gang, NO contact 1-pole
	0156 00
	0150 00
	0155 00
	0147 00
Dimming inserts	
Uni-LED rotary dimming insert Standard	2450 00
	60 W LED
Uni-LED rotary dimming insert Komfort	2455 00
	100 W LED
Rotary auxiliary insert	2389 00
	3-wire
Uni-LED dimmer Mini	2440 00
	50 W LED
LED dimmer with rotary on/off switch	0300 00
	20 to 200 W
Light bulb dimming insert (push-button/2-way switch)	1181 00
	100 to 1000 W
Electronic potentiometer for 1–10 V control input	0309 00
	1 to 10 V
Electronic potentiometer with power supply	2028 00
System 3000 inserts	
Sys3000 Uni-LED dimming insert Standard	5400 00
	60 W LED
Sys3000 Uni-LED dimming insert Komfort	5401 00
	100 W LED
Uni-series dimming insert	2263 00
	2 x 50 to 260 W/WA
Compensation module LED	2375 00
Sys3000 DALI-Power control unit insert	5406 00
	Tunable White
Sys3000 relay switching insert	5403 00
	500 W LED
Sys3000 electronic switching insert	5405 00
	100 W LED
Sys3000 auxiliary insert	5408 00
	2-wire
Sys3000 auxiliary insert	5409 00
	3-wire
Sys3000 impulse insert	5410 00
Blind control inserts	
Blind rocker switch/button insert 10 A 250 V~	0159 00
	Switch
	Button
	0158 00
Blind button or blind switch insert 10 A 250 V ~ for cover with toggle switch	0154 00
	Group button/switch, 1-pole
	Group button/switch, 2-pole
	with auxiliary input
	5414 00
Sys3000 blind control insert	5415 00
Sys3000 blind control insert	w/o auxiliary input
KNX system	
Bus coupler 3	2008 00
Bus coupler 3 external sensor	2009 00
Pushbutton sensor 3 for System 55 and E22	
Basic, 1-gang	5111 00
Basic, 2-gang (1+1)	5112 00
Basic, 3-gang	5113 00
Komfort, 1-gang	5131 00
Komfort, 2-gang (1+1)	5132 00
Komfort, 3-gang	5133 00
Komfort, 4-gang (1+3)	5134 00
Komfort, 6-gang (3+3)	5136 00
Pushbutton sensor 3 Plus for System 55 and E22	
2-gang	5142 00
5-gang (2+3)	5145 00
Pushbutton sensor 3 for Gira F100	
Basic, 1-gang	2021 112
Basic, 2-gang	2022 112
Basic, 3-gang	2023 112
Komfort, 3-gang	2033 112
Komfort, 4-gang	2034 112
Komfort, 4-gang (2+2)	2035 112
Pushbutton sensor 3 Plus for F100	
2-gang	2042 112
3-gang (1+2)	2043 112
6-gang (3+3)	2046 112

Catalogue structure

The Gira catalogue has been developed as an ordering document to make it easier to find products and order data quickly. All information relevant to the ordering process is structured in such a way as to help the user locate the desired product quickly. Tabs offer quick access to the catalogue as well as clearly separating the product groups.

You'll find the "Technical Information" chapter right after the product section of the catalogue. It is marked with the "i" register tab. Products for which there is additional information in the technical annex, point to the relevant chapter with a "i" and the respective page number. All page references in the catalogue are prefixed with an arrow [→].



Chapters

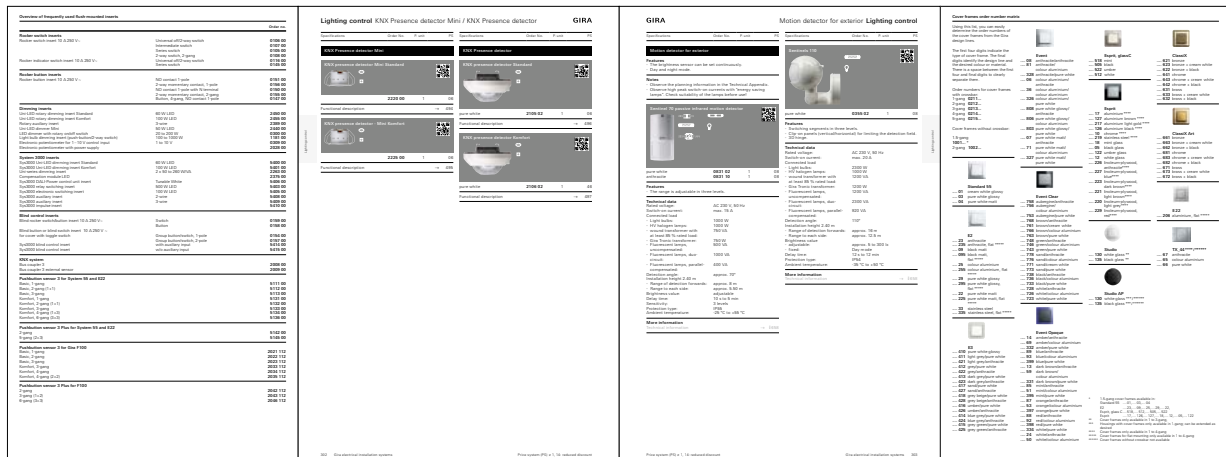
Every chapter starts with an introductory page presenting the product category at a glance. A contents table for each chapter facilitates quick access to the products while selected product images exemplify the diverse functions and designs.

The key features at a glance

The most important information on the respective product category is presented in concise form on a single page. Special features, technical data and an illustration of all available design variants provide the user with more detailed information.

Range overview

The range overview is an illustrated contents table for a quick visual orientation on which devices and functions are available in the range.



Fold-out

Two fold-outs on the cover make ordering easier: The front fold-out contains the order numbers of frequently used flush-mounted inserts and the pushbutton sensors from the KNX system. The back fold-out contains all cover frames from the Gira design lines. When these pages are folded out, you have all important information at hand while browsing.

Product pages

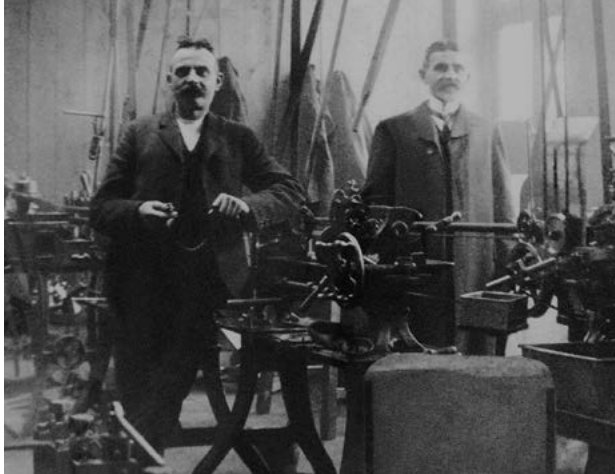
The product pages offer a structured overview of the product information. In this section the user will find all information required for ordering, such as the order number and item price. A QR code next to the respective products leads directly as a link to more information in the Gira online catalogue.

The company	4	Easy Order	25	Flush-mounted inserts, accessories	221
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		ClassiX	143	KNX	427
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Over 113 years of tradition and innovation

“Our mission is to develop innovative products and exciting applications that create real added value and simply bring design and functionality to life.”

Dirk Giersiepen
Managing Partner



From a switch manufacturer to a systems supplier

Established in 1905 by Gustav and Richard Giersiepen, Gira has grown from a regional manufacturer of socket outlets and switches to one of the leading international full-range suppliers of intelligent system solutions for electrical and networked digital building control. With its many patented solutions, the family business has been shaping the world of electrical installations for decades. From the start, Gira has provided considerable impetus to the digitalisation of buildings with its diverse range of innovations. Gira products and solutions stand for German engineering expertise, ‘Made in Germany’ quality, and perfection in form and function. But, most importantly, they make people’s lives a little more easy, convenient, and secure.

Family run since 1905

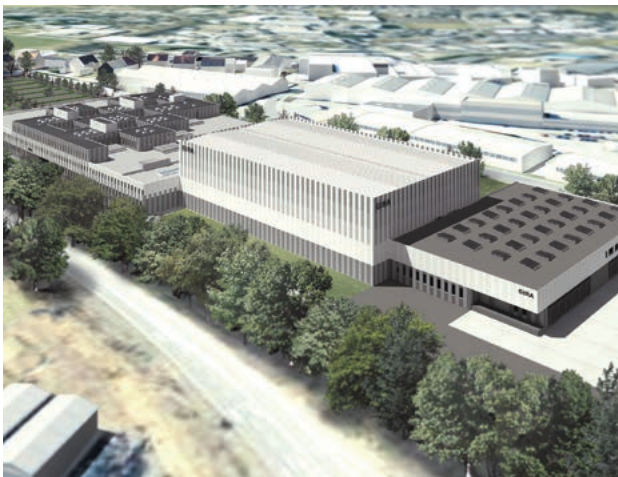
On top of Gira’s 113 years of experience and innovation, Gira has an approach to business centred on taking responsibility for shaping the future. The Giersiepen family, which has managed Gira for four generations, has upheld this extraordinary commitment throughout the company’s history. Today, sustainable action and business practices are key.

Future Technologies Made in Germany

Gira’s success in producing pioneering services, innovative solutions and exciting applications is rooted in the extraordinary technological expertise and remarkable inventiveness of its employees. Over 130 engineers from across a variety of disciplines – from software experts to mechanical engineers – ensure cutting-edge innovation in product design and manufacture. The company’s ability, proven time and again since 1905, to critically examine the tried-and-tested and to rework it from the ground up makes for the ideal starting point for creating solutions for tomorrow today.

All-round excellence

Gira has always refused to view maximum functionality and reliability as distinct from appealing, distinguished design. Gira draws its products’ ‘good form’ from the interplay between design, function, technical innovation and emotion – the only way to make design and function an intuitive experience for users. The outstanding quality of the designs has garnered Gira numerous internationally acclaimed awards, including the iF Award, the Red Dot Award and the German Design Award.



Gira Group

Insta GmbH

Founded as a joint venture in the German town of Lüdenscheid in 1970, Insta GmbH is an electronics technology centre which develops and produces building control technology assemblies, devices and systems alongside LED lamps and matching control systems for state-of-the-art architectural illumination.
www.insta.de

ise Individuelle Software Entwicklung GmbH

ise GmbH was founded in Oldenburg, Germany, in 1996. It designs modern hardware and software and in its field is among the leading industry suppliers for building automation.
www.ise.de

Stettler Kunststofftechnik GmbH

Founded in 1981 in the German town of Burgwindheim, Stettler Kunststofftechnik GmbH & Co. KG develops and produces technical plastic components for the automotive, electronics and mechanical engineering industries.
www.stettler.de

Images on the left:

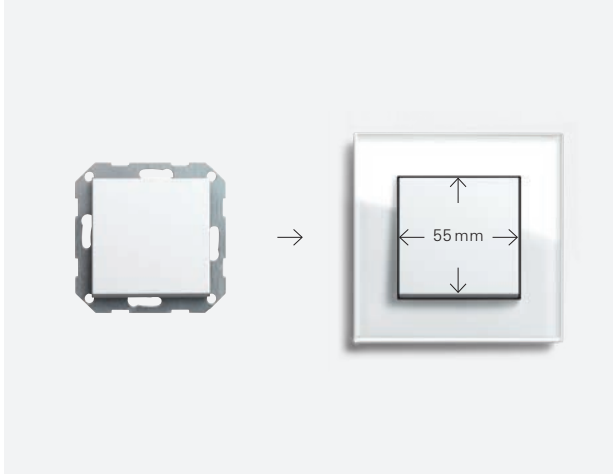
Startup 1905: company founders Gustav and Richard Giersiepen [top left]. Sustainable production: Gira is moving more and more into using recycled granulate for its plastics production [top right; photo: Henrik Spohler/Gira]. Commitment to sustainability: Gira trainees and staff support social and environmental projects [bottom left]. Quality that is 'Made in Germany': Gira's new production, development and logistics centre opens in autumn 2018. [bottom right].

Images on the right:

Gira [top left] benefits in many ways from its holdings in Insta GmbH [top right], Stettler Kunststofftechnik GmbH [bottom left] and ise Individuelle Software Entwicklung GmbH [bottom right].

Gira System 55 – Installation system with great variability in design and functionality

Automatic light control, time-dependent temperature control, distribution of music in all rooms, convenient door communication with secure access control, integration of security systems, and much more: The wide variety of the British Standard range by Gira is unparalleled anywhere in the world. The range spans socket outlets, dimmers, rocker and push switches, inserts for blind control, air-conditioning control and door communication, in addition to the Gira KNX and eNet wireless system. Whether you're looking for intelligent individual solutions or a networked smart home: Intelligent building technology by Gira offers more convenience, security and value for every home.

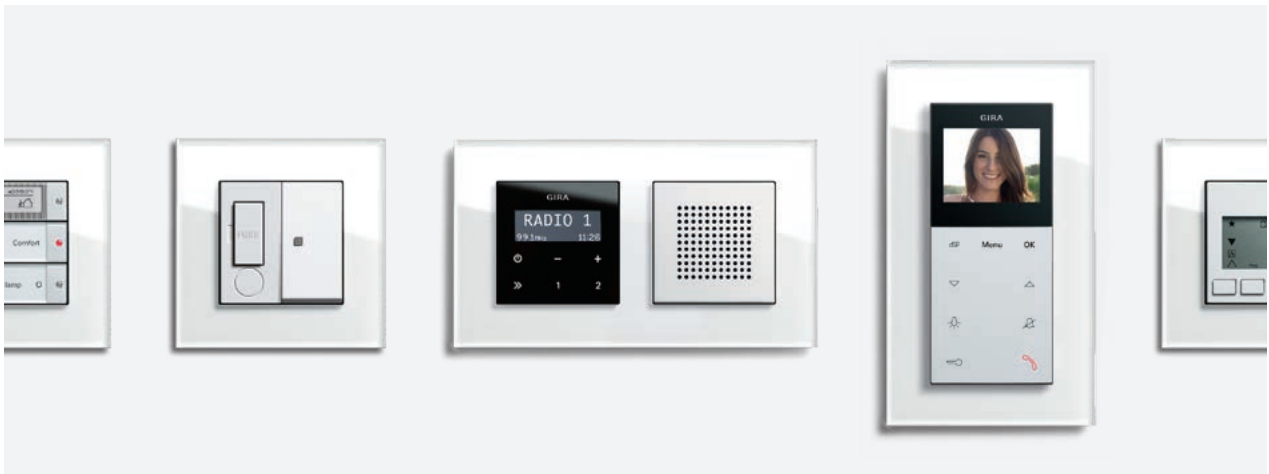


A platform for good business: System 55

With its System 55, Gira has created a platform that enables you to meet your customer's wishes flexibly and individually. The modular System 55 combines a large selection of the functions of modern building technology with a wide range of design variations. The key to it all: a single square measuring 55 x 55 mm. Separately available inserts, covers and frames can be combined in any way you like, ensuring a solution for any requirement and every taste.

Inserts in eight design variants

Ten attractive design variants are available for the Gira System 55 inserts. They offer a wealth of possibilities for implementing individual furnishing concepts. For a more classic interior style, there are premium looks with a stainless steel, brass or bronze coating, for example. For clean, modern interiors, clear thermoplastic surfaces are available in colours such as pure white or black. All materials have easy to clean surfaces with high UV resistance.



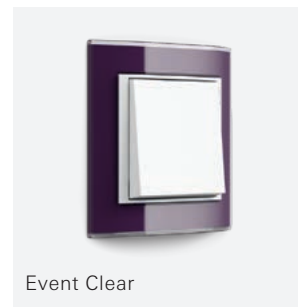
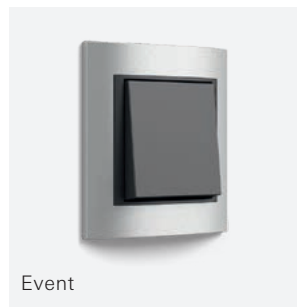
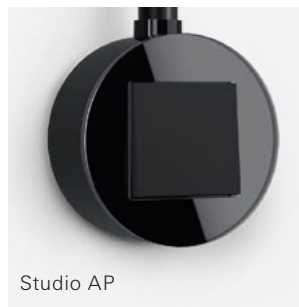
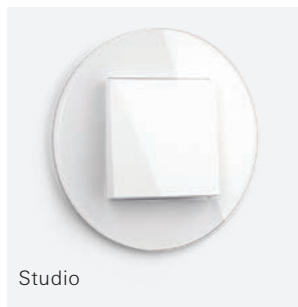
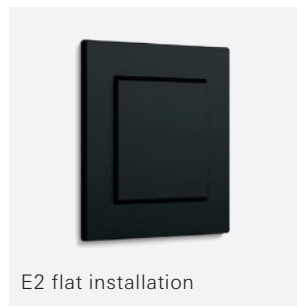
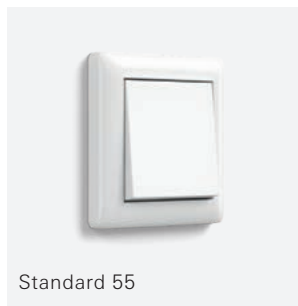
Wide variety in all areas with more than 300 functions

The Gira System 55 offers more than 300 functions for intelligent building technology. Since it was launched, it has been continuously refined and expanded to include new functions and systems.

In addition to the Gira door communication system or the flush-mounted Gira RDS radio, the world's largest range of data connection technology has also been integrated into the world of switches, making the System 55 more than well equipped to meet the changing demands of the market. Your customers can rest assured that new technological possibilities can be harmoniously integrated into the existing design in the future.

Award-winning design for individual interior styles

Seven Gira switch ranges are available for the inserts and covers in the Gira System 55, each distinguished by its own material quality and appearance: Standard 55, E2, E3, Event, Esprit, Studio and ClassiX. Simple, natural, classic or sophisticated: The Gira System 55 makes it easy to create an aesthetically as well as technically harmonious solution for every customer. Gira switch ranges repeatedly win prestigious international awards for their extraordinary design quality.



Diverse installation methods

All functions in the British Standard range can be installed in round flush-mounted boxes or in square British Standard boxes. There are three possible mounting types.



Installation in EU 71 mm (round boxes)

Ranging from single-setting versions to 5-setting combinations – with more than 300 functions which can be adapted for installation into eight different design lines – Gira System 55 is extremely versatile. This fascinating design and functionality is also available on the UK market.

Installation in British Standard (80 mm wall box)

The British Standard range from Gira complies with the inspection criteria for the “British Standard” from the Institute for Standardisation.

EU round boxes 1-gang up to 5-gang



Flush-mounted box 2-gang



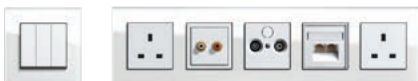
More than 300 functions



4 functions (2-gang)



Cover frames 1-gang to 5-gang including 2-gang frame without central bar



Cover frames 2-gang (no central bar)



Usable frames Standard 55, E2, E3, Event, Esprit, Studio, ClassiX, E22 aluminium



Usable frames E3, Event, Esprit, ClassiX, E22 aluminium





Installation in British Standard (80 mm wall box with support ring)

A special 80 mm adaptor support ring is required for the installation of common System 55 functions in the square "British Standard" box.

Flush-mounted boxes 1-gang box with support ring



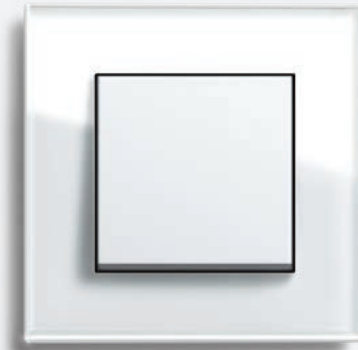
More than 300 functions



Cover frames 1-gang

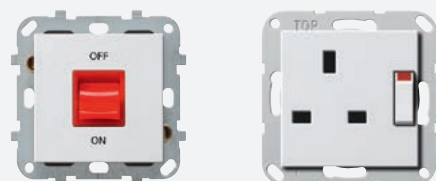
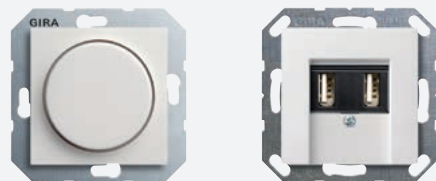
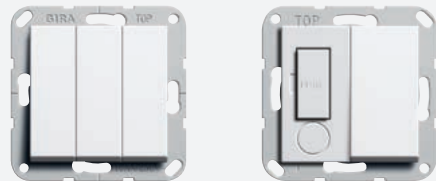


Usable frames E3, Event, Esprit, ClassiX, E22 aluminium



Order insert and cover as a set

for the most commonly used functions insert and cover are available as a set – all you still need to do is select the desired cover frame.



Intelligent products for more security

Gira products provide more security in a house or apartment: Automatic control switches and presence detectors, for example, monitor the house and grounds and automatically switch lighting when motion is detected. Gira smoke detectors save lives by triggering an alarm before the smoke concentration reaches dangerous levels while the Gira door communication system offers solutions for all indoor and outdoor requirements, providing added security at the door. The range includes door intercoms to match the Gira switch ranges, video function, keyless access control and flexible operating options using diverse control devices. In short: everything you need for secure access control at the door.



Gira G1

Compact, powerful, universal: The Gira G1 is the intelligent central control device for building technology. Whether switching and dimming lights, raising or lowering blinds or controlling room temperature: all the functions can be conveniently controlled via the brilliant 480 x 800 pixel multi-touch display by touching it or by hand movements such as wiping or resting your hand on it.

The outstanding intuitive Gira Interface also makes the configuration of time-controlled functions or the adjustment of scenarios child's play. When connected with the Door Communications IP-gateway, the Gira G1 can also be used as a video home station.



Gira surface-mounted video home station

A striking feature of the Gira surface-mounted video home station is its homogeneous front panel. Its 5.6 cm (2.2") TFT colour display lies flush with the touch-sensitive buttons of the control panel. Gently touching the respective symbol is enough. The Gira surface-mounted video home station can be combined in different colours with a wide variety of frame designs from System 55 and the E 22 switch range.



Smoke alarm device Dual Q

The Gira smoke alarm device Dual Q combines two detection processes in one device: photoelectric scattered light measurement (processor-controlled) and heat detection using a thermal sensor. This provides twice the protection for the family and home. Up to 40 devices can be connected in the same network so that a warning is issued throughout the entire building when there is a fire in any part of it.



Surface-mounted video door station

Always know who's at the door. The Gira surface-mounted video door station is equipped with a colour camera, loudspeaker, microphone and call button. The camera covers a wide viewing angle and can be ideally aligned during installation. During daylight, the colour camera ensures optimal colour rendering through its automatic background lighting compensation, gain control and white balance. At night, it delivers extremely clear black and white images due to its light sensitivity. The visitor's face can be clearly recognised thanks to additional lighting. Excellent voice quality ensures trouble-free communication.

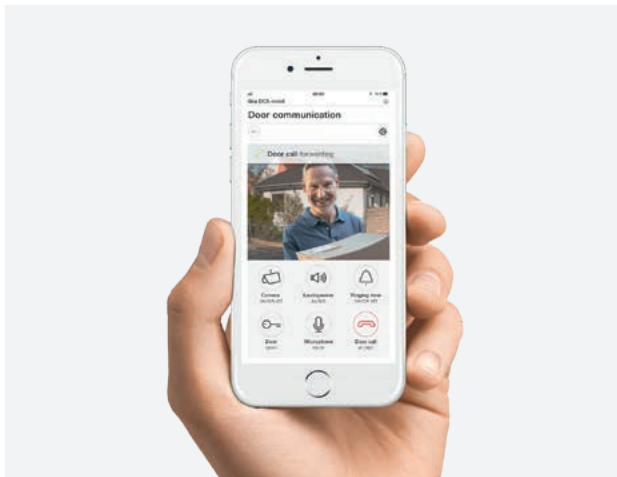


Gira Sensotec LED

The Gira Sensotec LED offers added security in the dark by automatically switching on the integrated LED orientation light when long range motion is detected. If necessary, the room light can be switched on without contact by a motion in the close detection range of 5 cm. The Gira Sensotec LED combines the functions of a motion detector, an LED orientation light, and a contactless switch in a single device for the first time.

New products

Gira stands for pioneering building control technology with intelligent product and systems solutions and distinct design. With the new products for 2019, Gira once again lives up to its reputation as a pioneer: the technological and design innovations range from the Gira Studio and Gira AP design lines to mobile door communications access via DCS mobile.



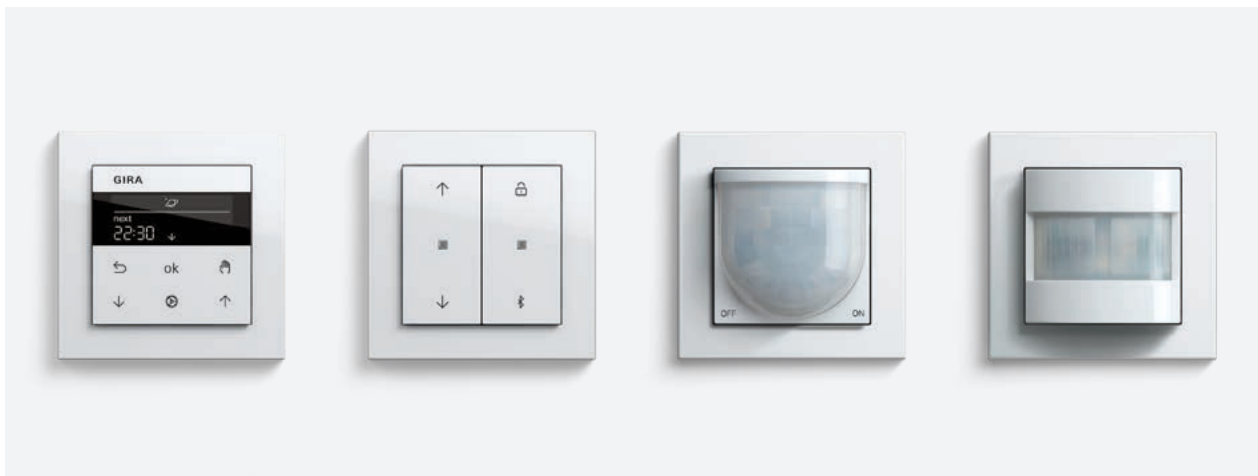
Gira DCS mobile

Gira presents DCS mobile, a new highlight in mobile door communications access. Seeing who is at the door, conducting conversations in optimum voice quality and conveniently opening the door: the Gira door communication system provides solutions for all indoor and outdoor requirements. Access not only on your home WLAN, but also when on the move with DCS mobile. The range includes door intercoms to match the Gira design lines, video function, keyless access control, flexible operating options by connecting to IP networks, and much more.
→ 387



Gira E2 black matt and flat installation

Black matt for distinctly expressive surfaces – now available for the System 55 inserts and for the Gira E2 cover frames. The surfaces display a no-nonsense, modern look and are surprising and delightful to touch. The Gira E2 design line is available in two mounting types – including a profile height of 3.4 mm for elegantly flat installation. Combined with the expansive range of features in the Gira System 55, it meets the requirements of a modern, future-proof electrical installation.
→ 103



Gira System 3000 lighting and blind control

The Gira System 3000 is a universal, adaptable and convenient system for controlling lighting and blinds. With only a few components, you can realise a multitude of functions in an easily comprehensible and manageable way. The system add-ons automatically detect the light and blind functions: using them for more than one significantly cuts the number required. The memory and display devices' features range from simple timers to complex control logics with the blind timer and timer BT.

Simple adjustments are applied easily on the device itself, more complex programming uses the convenient Gira app on your smartphone or tablet. In the same way, the System 3000 lets you operate the motion detectors for automatic lighting control.
→ 243



Gira surface-mounted home station video 7

The new Gira surface-mounted home station video 7 – convenience and security with a puristic design. The 7-inch (17.78 cm) high-resolution TFT touch display is not only extremely elegant in appearance with its homogeneous glass front, but also features a wide field of vision delivering excellent image quality – even when viewed at an angle. Whether for a new build, a conversion or retrofit: The Gira surface-mounted home station video 7 can be mounted on the wall or placed on any piece of furniture with its base to create both a stylish and functional feature.

The Gira surface-mounted home station video 7 is available in two colours, each with a matching glass surface: pure white glossy with white glass and black matt with black glass. Both variants can be integrated harmoniously into any interior design, living environment or office situation.
→ 374



Gira Studio/Studio AP

Two new design lines are coming to building walls: Gira Studio and Gira Studio AP. Strong design contours and expressive black-and-white contrasting combine with superior functions for Gira to once more raise the benchmark in terms of perfected interplay of design and technology. The design contour is geometric perfection – a switch that unites curves and corners. The colours create energy and expression – black on white or white on black. Gira AP focuses on the switch's elegant material and its surface-mounted installation to create an entirely new

approach – even and especially in home interior design. It is also excellent for upgrading function rooms. Gira Studio AP can be installed vertically and horizontally and scales as desired to open up a whole world of new layout options. Both ranges match the full depth of the Gira System 55 and its more than 300 functions.
→ 137

New products



Gira S1

Switch off the lights when you're on the go, check camera images, turn on the heating, lower the blinds – while secure in the knowledge that unauthorised access to the communications is impossible: The Gira S1 lets users easily connect to their KNX Smart Home from anywhere. And it's absolutely safe – thanks to encrypted communication. Simply start the Gira X1 or Gira HomeServer app and the Gira S1 takes care of the rest together with the Gira device portal. There's no need for complicated VPN connection setups or router configuration.

→ 477



Gira X1

See who is at home, switch lights on and off or optimise your home temperature settings, whether at home or on the go. The Gira X1 unites two functions in one housing. The Gira X1 lets you use building functions through your smartphone or tablet via the Gira Smart Home app or you can let the Gira X1 automate these functions for you. Due to its compact design for mounting on top-hat rails, it can be installed quickly and without needing much space. The quick and easy start-up of the Gira X1 is done using the Gira Project Assistant (GPA).

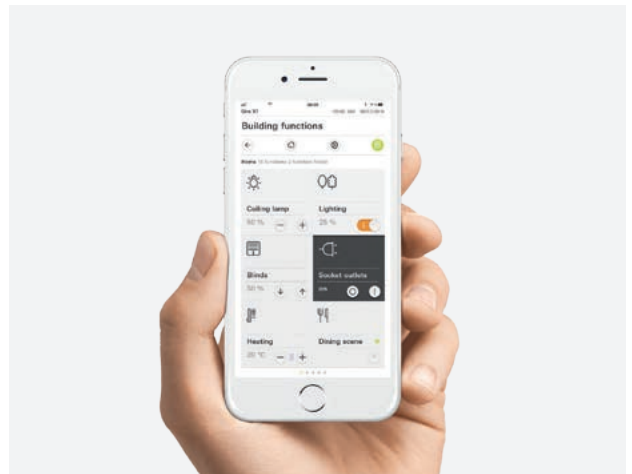
→ 481



Plug & Light

Plug & Light is redefining lighting design thanks to its open system, which offers controllable lighting from the socket outlet. The Plug & Light light socket outlet can be installed easily and safely in commercially available European device boxes. In combination with different light top units, Plug & Light ensures conveniently controllable lighting. Guaranteed functionally reliable, dimmable without flickering, and always perfectly coordinated with any interior through matching switch designs. For a wonderfully flexible indoor lighting experience. Gira is one of the the Plug & Light Network's first partners, and is incorporating Plug & Light into the Gira design lines. The Plug & Light system was developed by Insta.

→ 314



Gira Smart Home app

The Gira X1 turns existing mobile devices into convenient operating elements for intelligent building technology. The required app is available from the Apple and Android stores and can be used on smartphones and tablets.

→ 482



Gira KNX motion detector

The new Gira KNX motion detectors come with digital sensors for optimum detection. They allow lighting, heaters, ventilation, air conditioning, blinds or even scenes to be activated easily and conveniently, simply by stepping into a room, corridor or stairwell. The high-precision motion detection features automatic switch-off when no more motion is detected – no manual user input necessary. Convenient, energy-efficient and cost-effective. The new Gira KNX motion detectors are available in two installation heights for various design lines, integrating them perfectly into Gira design.
→ 498



The Gira G1 as a HomeServer client

The Gira G1 can now also be used as a client in systems with a Gira HomeServer. With release 1, the Gira G1 visualises the interface design of the Gira Home server. Supports almost the entire scope of functions included with the Gira HomeServer.
→ 474



eNet SMART HOME + tado°

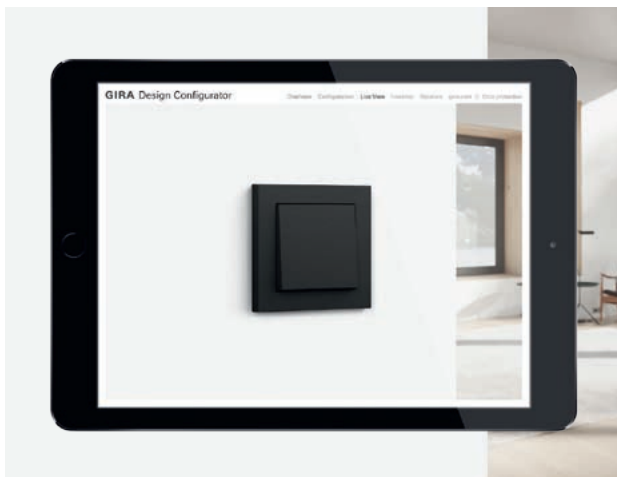
Control and dim lights, raise and lower blinds, extend and retract awnings, get the bathroom cosy and warm or come back home after a busy day to a pleasantly heated house: with Gira eNet components, you can keep a wireless eye on lights and shading. Thanks to intelligent integration of Gira eNet SMART HOME and tado°, you can now also control radiators and underfloor

heating. Steinel Professional eNet outdoor motion detectors can also be integrated. At home and on the go – with data always secure: either with the Gira eNet wireless wall transmitter or the eNet SMART HOME app on the Gira G1 or smartphone.
→ 564

Gira Design Configurator with augmented reality

With the Gira Design Configurator, the variety of cover frame designs in the Gira design line can be combined in various colours and materials with selected functions just as you wish. Now includes additional features such as the fascinating 'augmented reality' mode, which uses your smartphone or tablet camera to show you what the selected Gira switches will actually look like when in place. In conjunction with the new Gira Door Communication Configurator, Gira offers two state-of-the-art tools as ideal planning and decision aids for clients, architects and interior designers. The Gira Design Configurator is available online or as a free app for iOS and Android mobile devices.

www.designconfigurator.gira.com



Augmented reality

Simulate your desired switch in your home: introducing the Gira Design Configurator with augmented reality feature.



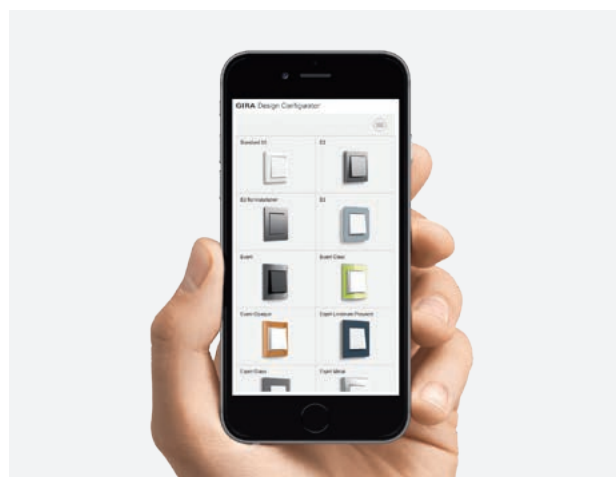
Favourites

The favourites list allows you to save personal combinations and quickly access them again at any time.



Gallery

The gallery displays detailed close-ups as well as lifestyle shots with selected colour and design options and functions from the Gira design lines.



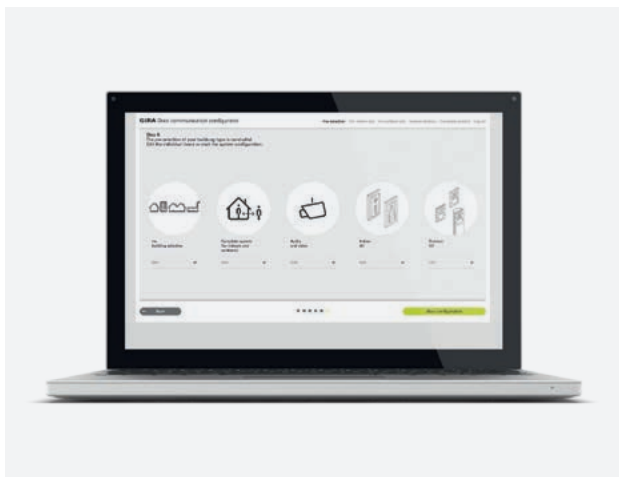
Free of charge as an app and online

The Gira Design Configurator can be accessed online and is available as a free app for the iPhone and iPad. An optimised web display is available for smartphones and tablets running other operating systems.

Gira Door Communication Configurator

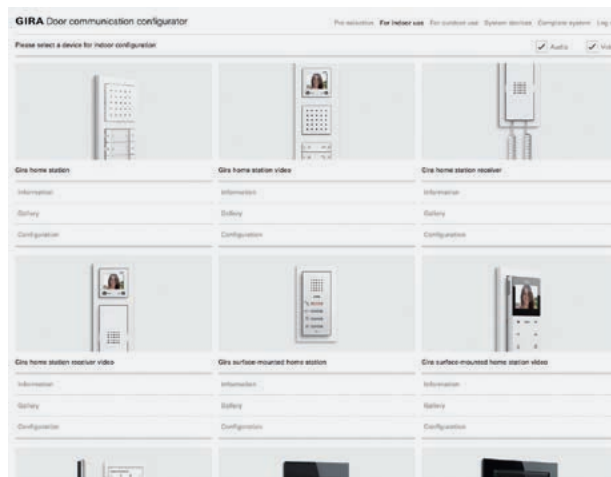
The Gira Door Communication Configurator is a user-friendly online tool that turns the individual configuration of Gira door communication systems into a pleasurable activity for proprietors and managers, but also for tradesmen and other professionals. It offers various entry options, a filter option by preselecting the building type, configuration examples in the gallery, a means to select the Gira design line and automatic completion of the required system devices and shows you the price of your selected configuration.

www.dcsconfigurator.gira.com



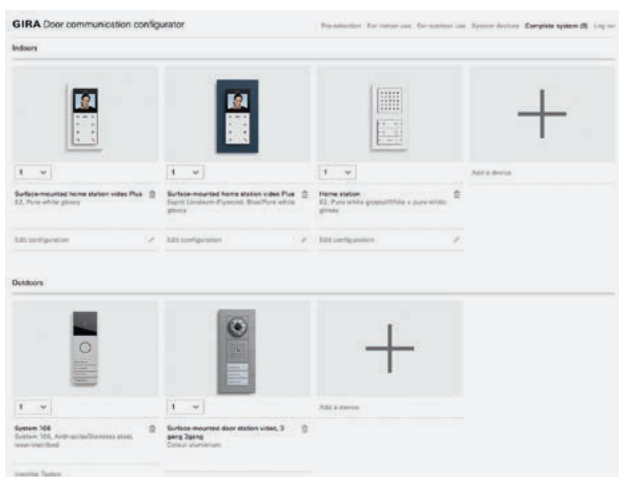
Designing door communication systems of different sizes

Once a building type has been selected, the subsequent selection is limited to a predetermined list of relevant products: as simple as possible, as complex as necessary.



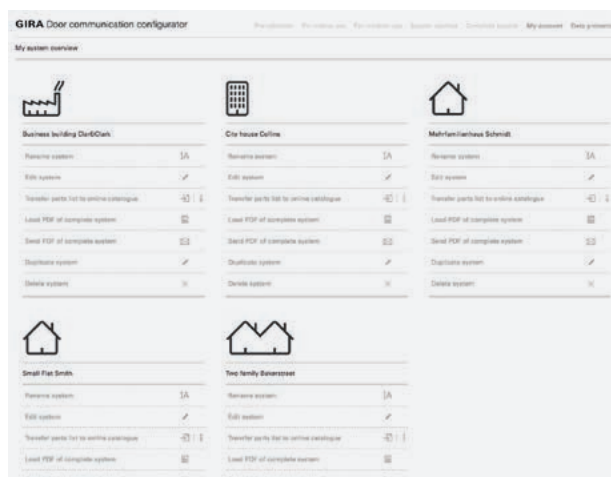
Selecting and configuring home stations

The extensive range of Gira home stations and design options in the design line offers solutions for every requirement and taste.



Completing the system

Piece together your individual Gira door communication system in the Configurator step by step. The configurator automatically completes the system devices – and also calculates the price of the overall system.



Managing projects individually

The configurator produces a distinct overview of a completed system, including all products, prices and a full bill of materials for the master electrician. The result can be saved in the online catalogue, printed out as a PDF or sent by email; a personal login means that several different projects can be saved.

Awards

Gira develops and manufactures systems and products that set standards in both technology and design. This has won Gira both domestic and international awards and honours over the decades. A selection of the major awards and prize-winning products can be found on these pages. A complete, continually-updated overview can be found online at <http://www.gira.com/en/unternehmen/auszeichnungen.html>



Gira System 106

German Design Award 2015, gold in the category Building and Energy, Iconic Awards 2014, Best of Best in the category Product Building Technologies, Plus x Award 2014 in the category best product of the year, Plus x Award 2014 for High Quality, Design, Operating Comfort and Functionality, Detail Produktpreis – Leserpreis 2017 Detail architecture magazine, iF design award 2018 iF Design Hanover.
Product design: Tesseraux+Partner, Potsdam



Gira G1

Innovation award Architektur + Bauwesen 2017, ADC Award 2015, Bronze Nail in the category Interface Design, iF Design Award 2015 in the category Building Technology, German Design Award 2015, Special Mention in the category Building and Energy, Good Design Award 2014 in the category Electronics, Red Dot Award, Communication Design 2014, Best of the Best, ICONIC Awards 2014, winner in the category Product Building Technologies, Plus x Award 2014, Design Plus powered by Light+Building 2014.
Product design, interface design:
schmitz Visuelle Kommunikation



Gira E2 flat

Iconic Award 2018 German Design Council, iF design award 2018 iF Design Hanover, German Innovation Award, Building & Elements 2018 German Design Council, Red Dot Award, Product Design 2018, 2018 red dot design award



Gira E2 stainless steel

Iconic Award 2018 German Design Council, German Innovation Award, Building & Elements 2018 German Design Council, Red Dot Award, Product Design 2018, 2018 Red Dot Design Award

DESIGN PLUS
light+building,
Frankfurt

DESIGN PLUS

iF product design
award, iF Design
Hanover



Red Dot Award,
Design Zentrum
NRW



German Design
Award, German
Design Council



Plus x Award,
media society
networks



Iconic Awards,
German Design
Council



ADC Award,
Art Directors Club
for Germany

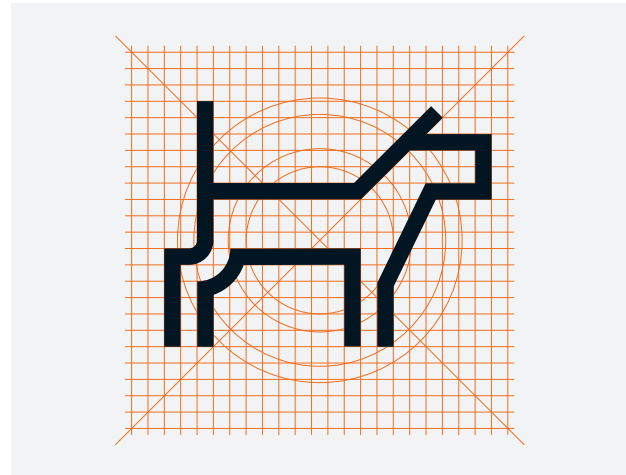


Good Design Award,
Chicago Athenaeum



Gira Esprit linoleum-plywood

iF Design Award 2015 in the category Building Technology, Plus x Award 2014 in the category High Quality, Design and Functionality, Plus x Award 2014 in the category Best product of the Year, Iconic Awards 2014, winner in the category Product Building Technologies.
Product design: Gira design team/
schmitz Visuelle Kommunikation



Gira sign system

2016 iF Communication Design Award, category Typography/ Signage, 2016 German Design Award: Category Corporate Identity, 2015 ADC Europe: Category Design, Corporate Brand Identity, 2015 ADC Award: Bronze, category Corporate Identity, 2014 Red Dot Award: Communication Design, category Best of the Best
Concept, design: schmitz Visuelle Kommunikation



Gira X1/Gira Smart Home app

Gira X1: elektroboerse smarthouse 2018 elektroboerse-smarthouse.de

Gira Smart Home app: Iconic Awards 2018 German Design Council

Gira app for X1 server: German Innovation Award, Building & Elements 2018 German Design Council

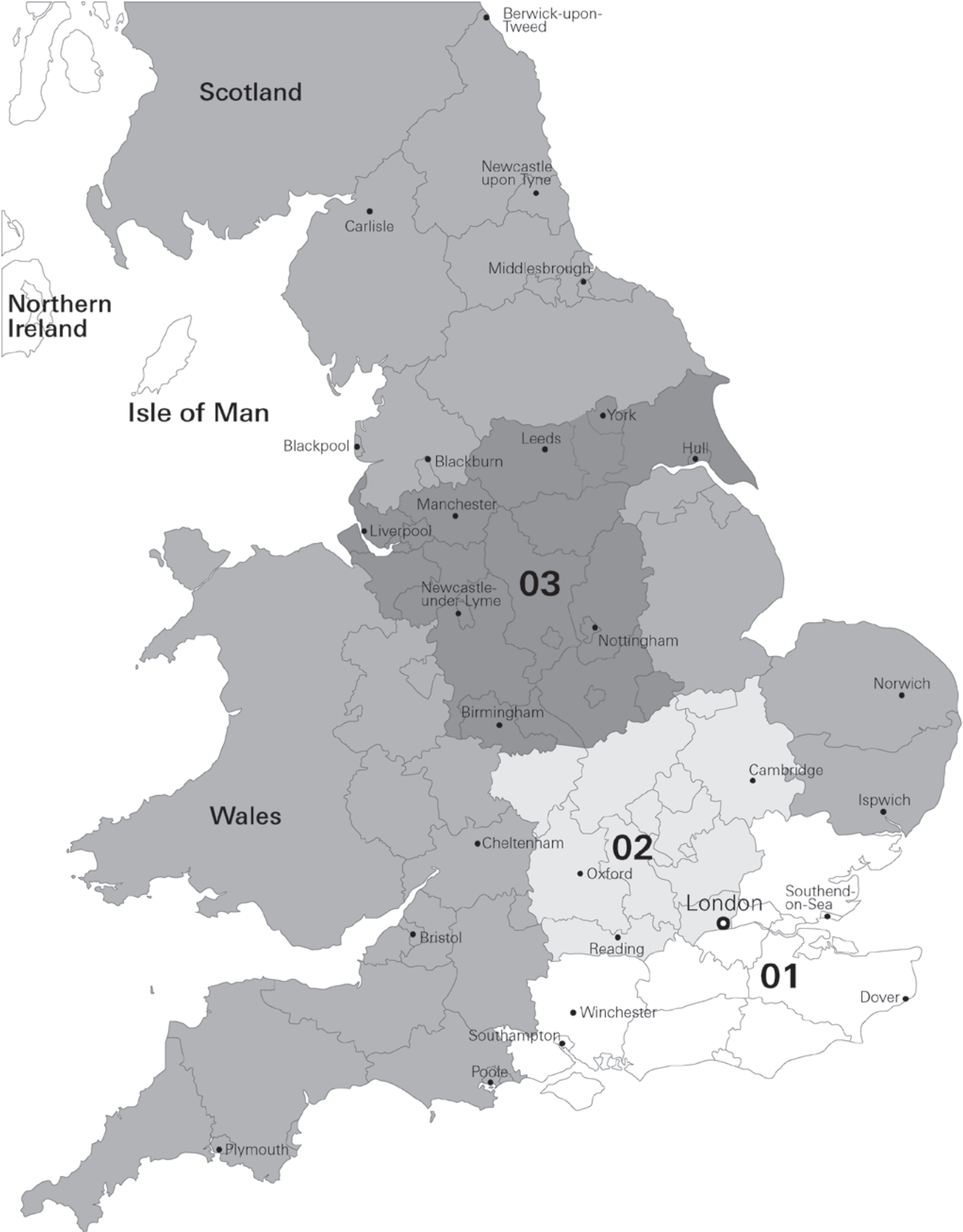


Gira Design Configurator

German Design Award 2014, Architects' Darling Award Gold 2012, red dot award: communication design 2012.
Concept, editing and interface design:
schmitz Visuelle Kommunikation/Programming and product rendering: congaz visual media company GmbH

Sales organisation in the United Kingdom

Gira Sales Staff advise planners, architects and electricians in your region on questions regarding the product range and technology. This includes help with the configuration of properties and other issues. They also conduct training and offer support for marketing initiatives and acquisition.



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Adapter support ring 80 x 80 mm	29
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Easy ordering – order insert and cover as a set

From rocker and touch switches up to dimmers, socket outlets and automatic control switches: For the most commonly used Gira System 55 functions, the insert and cover are available as a set to make ordering easier for you. You only need to add your desired frame to create a technically and aesthetically harmonious solution for your customers.

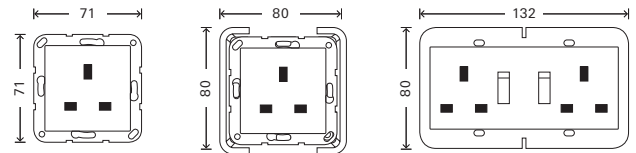
Features

- Simplified ordering: Cover and flush-mounted insert as a set
- Adapter support ring 80 × 80 mm for the integration of Gira products with support ring 71 × 71 into square British Standard boxes
- Suitable for vertical and horizontal installation
- Flush-mounted installation (IP20)

Technical data

Platforms: System 55, E22
 Material: Thermoplastic (polycarbonate), stainless steel (1.4301 V2A)
 Mounting type: Flush-mounted
 Protection type: IP20

Dimensions in mm



Support ring 71 × 71: W 71.0 H 71.0
 Support ring 80 × 80: W 80.0 H 80.0
 Support ring 80 × 132: W 132.0 H 80.0

Variants System 55



Black matt



Anthracite



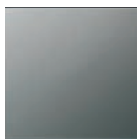
Colour aluminium



Pure white glossy



Cream white glossy



stainless steel (lacquered)

Variants E 22



Aluminium



Adapter support ring 80 x 80 mm
→ 29



Switches and push buttons
→ 29



Dimming
→ 33



Socket outlets
→ 37

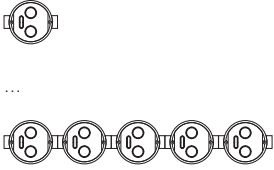
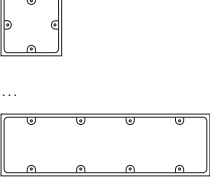
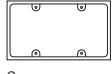

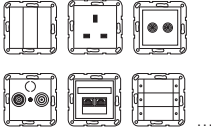
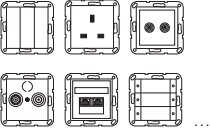
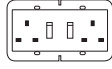
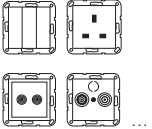
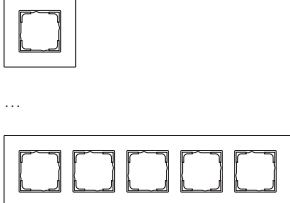
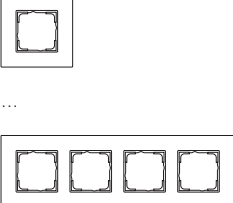


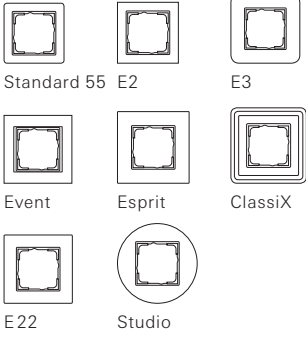

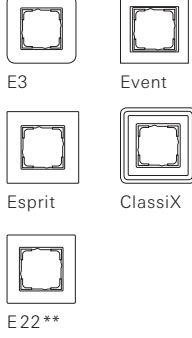
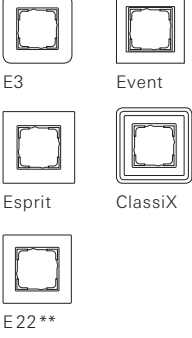


Lighting control
→ 41



Accessories
→ 42

Installation types

	EU round box	Gira E2 device box (for flat installation)	British Standard, 80 mm wall box	British Standard, 80 mm wall box with support ring
Flush-mounted boxes	 <p>up to 5-gang</p>	 <p>up to 4-gang</p>	 <p>2-gang</p>	 <p>1-gang</p> <p>80 mm adaptor support ring</p>
Functions	 <p>System 55 with more than 300 functions (71 mm support ring)</p>	 <p>System 55 with more than 300 functions (71 mm support ring)</p>	 <p>2-gang: 4 functions (80 mm support ring)</p>	 <p>System 55 with more than 300 functions (71 mm support ring)</p>
Usable frames	 <p>1-gang up to 5-gang* inclusive 2-gang frame without crossbar</p>	 <p>1-gang up to 4-gang inclusive 2-gang frame without crossbar</p>	 <p>2-gang (no crossbar)</p>	 <p>1-gang</p>
Design lines	 <p>Standard 55 E2 E3 Event Esprit ClassiX E22 Studio</p>	 <p>E2 (frame for flat installation)</p>	 <p>E3 Event Esprit ClassiX E22**</p>	 <p>E3 Event Esprit ClassiX E22**</p>

* max. 4-gang frame with: Esprit aluminium [in all four variants], chrome, stainless steel, linoleum-plywood
 max. 3-gang frame with: Studio
 ** British Standard frame

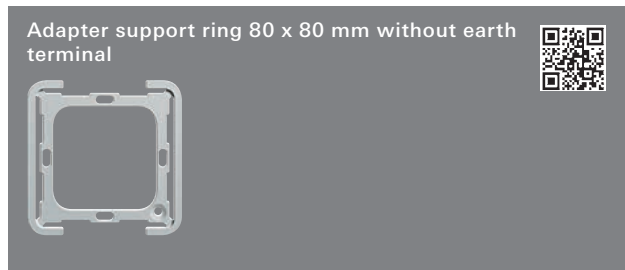
Specifications Order No. P. unit PS

Adapter support ring 80 x 80 mm



Adapter support ring 80 x 80 mm **2849 00** 10 29

Notes
- For integration of Gira products with support ring 71 x 71 mm.

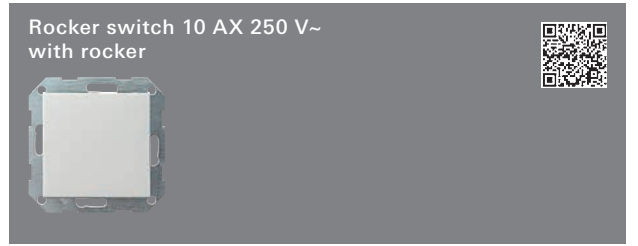


2850 00 10 29

Notes
- For integration of Gira products with support ring 71 x 71 mm.

Specifications Order No. P. unit PS

Switching and pressing



System 55, universal off/2-way switch
cream white glossy **0106 01** 1/5 01
pure white glossy **0106 03** 1/5 01
pure white matt **0106 27** 1/5 01
anthracite **0106 28** 1/5 11
colour aluminium **0106 26** 1 11
N black matt **0106 005** 1 11
stainless steel **0106 600** 1 11
N Black matt. New product.

Gira E22, universal off/2-way switch
aluminium **0106 203** 1 11

System 55, intermediate switch
cream white glossy **0107 01** 1 01
pure white glossy **0107 03** 1 01
pure white matt **0107 27** 1 01
anthracite **0107 28** 1 11
colour aluminium **0107 26** 1 11
N black matt **0107 005** 1 11
stainless steel **0107 600** 1 11
N Black matt. New product.

Gira E22, intermediate switch
aluminium **0107 203** 1 11

System 55, circuit breaker 2-pole
cream white glossy **0102 01** 1 01
pure white glossy **0102 03** 1 01
pure white matt **0102 27** 1 01
anthracite **0102 28** 1 11
colour aluminium **0102 26** 1 11
N black matt **0102 005** 1 11
stainless steel **0102 600** 1 11
N Black matt. New product.

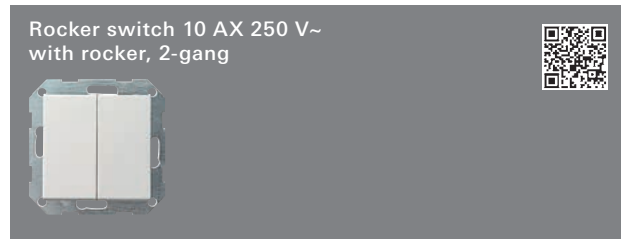
Gira E22, circuit breaker 2-pole
aluminium **0102 203** 1 11

+ Optional accessories
Neon lamp elements
Neon lamp element 0.35 mA **0995 00** → 229
Neon lamp element 0.8 mA **0996 00** → 229
Neon lamp element 1.5 mA **0997 00** → 229
LED lighting elements
LED light.e. 2.6 mA YE **0497 07** → 229
LED light.e. 0.8 mA BU **0497 08** → 229
LED light.e. 2.6 mA RD **0497 10** → 229
LED light.e. 0.7 mA WH **0497 18** → 229
LED light.e. 24 V RD **0992 00** → 229
LED light.e. 24 V colour-neutral **1405 00** → 229

Technical data
Installation depth: 28 mm
Connections
- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²

Notes
- Can also be connected with illumination.

Specifications Order No. P. unit PS

**System 55, Series Switch**

cream white glossy	0105 01	1	01
pure white glossy	0105 03	1	01
pure white matt	0105 27	1/5	01
anthracite	0105 28	1	11
colour aluminium	0105 26	1	11
N black matt	0105 005	1	11
stainless steel	0105 600	1	11

N Black matt. New product.

Gira E22, series switch

aluminium	0105 203	1	11
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Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

**System 55, Double 2-way switch**

cream white glossy	0108 01	1	01
pure white glossy	0108 03	1	01
pure white matt	0108 27	1	01
anthracite	0108 28	1	11
colour aluminium	0108 26	1	11
N black matt	0108 005	1	11
stainless steel	0108 600	1	11

N Black matt. New product.

Gira E22, 2-way switch, 2-gang

aluminium	0108 203	1	11
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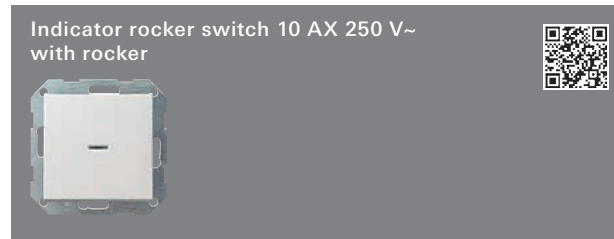
Technical data

Installation depth:	33 mm.
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

More information

Technical information → [i 630](#)

Specifications Order No. P. unit PS

**System 55, circuit breaker 2-pole**

cream white glossy	0112 01	1	01
pure white glossy	0112 03	1	01
pure white matt	0112 27	1	01
anthracite	0112 28	1	11
colour aluminium	0112 26	1	11
N black matt	0112 005	1	11
stainless steel	0112 600	1	11

N Black matt. New product.

Gira E22, circuit breaker 2-pole

aluminium	0112 203	1	11
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+ Optional accessories**Neon lamp elements**

Neon lamp element 0.35 mA	0995 00	→	229
Neon lamp element 0.8 mA	0996 00	→	229
Neon lamp element 1.5 mA	0997 00	→	229

LED lighting elements

LED light.e. 2.6 mA YE	0497 07	→	229
LED light.e. 0.8 mA BU	0497 08	→	229
LED light.e. 2.6 mA RD	0497 10	→	229
LED light.e. 0.7 mA WH	0497 18	→	229
LED light.e. 24 V RD	0992 00	→	229
LED light.e. 24 V colour-neutral	1405 00	→	229

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

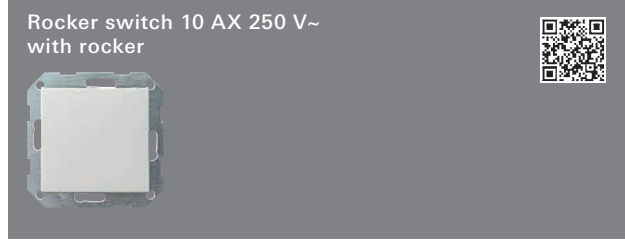
Notes

- Can also be connected with illumination.

More information

Technical information → [i 630](#)

Specifications Order No. P. unit PS



System 55, NO contact 1-pole

cream white glossy	0151 01	1/5	01
pure white glossy	0151 03	1/5	01
pure white matt	0151 27	1	01
anthracite	0151 28	1	11
colour aluminium	0151 26	1	11
N black matt	0151 005	1	11
stainless steel	0151 600	1	11

N Black matt. New product.

Gira E22, NO contact 1-pole

aluminium	0151 203	1	11
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+ Optional accessories

Neon lamp elements

Neon lamp element 0.35 mA	0995 00	→	229
Neon lamp element 0.8 mA	0996 00	→	229
Neon lamp element 1.5 mA	0997 00	→	229

LED lighting elements

LED light.e. 2.6 mA YE	0497 07	→	229
LED light.e. 0.8 mA BU	0497 08	→	229
LED light.e. 2.6 mA RD	0497 10	→	229
LED light.e. 0.7 mA WH	0497 18	→	229
LED light.e. 24 V RD	0992 00	→	229
LED light.e. 24 V colour-neutral	1405 00	→	229

NO contact, 1-pole with sep. signal contact esp. for WL uni.transm. 2-g Mini **5453 00** → 552

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Specifications Order No. P. unit PS



System 55, support ring 71 x 71 mm, NO contact 1-pole

cream white glossy	2844 01	10	29
pure white glossy	2844 03	10	29
anthracite	2844 28	10/10	29
colour aluminium	2844 26	10/10	29
N black matt	2844 005	10	29
stainless steel (lacquered)	2844 600	10	29

N Black matt. New product.

Gira E22, support ring 71 x 71 mm, NO contact 1-pole

aluminium	2844 203	10/10	29
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Features

- With screw terminals.

Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 2.5 mm ²

Notes

- For screw mounting only.



System 55, Support ring 71 x 71 mm, circuit breaker 2-pole

cream white glossy	2836 01	10	29
pure white glossy	2836 03	10	29
anthracite	2836 28	10	29
colour aluminium	2836 26	10	29
N black matt	2836 005	10	11
stainless steel	2836 600	10	29

N Black matt. New product.

Gira E22, support ring 71 x 71 mm, circuit breaker 2-pole

aluminium	2836 203	10	29
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Technical data

Installation depth:	24 mm
Connections	
- maximum:	2 x 4 mm ² or 1 x 6 mm ²

Specifications Order No. P. unit PS

British Standard rocker switch (BS EN 60669-1)
20 AX 250 V~ with rocker and control light



System 55, Support ring 71 x 71 mm, circuit breaker 2-pole			
cream white glossy	2834 01	10	29
pure white glossy	2834 03	10	29
anthracite	2834 28	10	29
colour aluminium	2834 26	10	29
N black matt	2834 005	10	29
stainless steel	2834 600	10	29
N Black matt. New product.			

Gira E22, support ring 71 x 71 mm, circuit breaker 2-pole			
aluminium	2834 203	10	29

Features

- With screw terminals.

Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 4 mm ² or 1 x 6 mm ²

Notes

- For screw mounting only.

N New product.
Replaces 2838 ..
British Standard switch (BS EN 60669-1)
45 A 250 V~



System 55, 1-way switch			
cream white glossy	2821 01	10	29
pure white glossy	2821 03	10	29
anthracite	2821 28	10	29
colour aluminium	2821 26	10	29
black matt	2821 005	10	29
stainless steel (lacquered)	2821 600	10	29

E22, 1-way switch			
aluminium	2821 203	10	29

+ Necessary accessories

For Gira E22: Cover frames British Standard for support ring 80 x 80 mm

Technical data

Installation depth:	16 mm
Connections	
- maximum:	2 x 6 mm ² or 1 x 10 mm ²

Notes

- Individual device. Cannot be combined.
- A square BS installation box is required for the installation.

Specifications Order No. P. unit PS

British Standard rocker switch (BS EN 60669-1)
3-gang with rockers



System 55, Support ring 71 x 71 mm, 1-way switch			
cream white glossy	2830 01	10	29
pure white glossy	2830 03	10	29
anthracite	2830 28	10	29
colour aluminium	2830 26	10	29
N black matt	2830 005	10	29
stainless steel (lacquered)	2830 600	10	29
N Black matt. New product.			

Gira E22, Support ring 71 x 71 mm, on/off switch			
aluminium	2830 203	10	29

Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

British Standard rocker switch (BS EN 60669-1)
3-gang with rockers



System 55, Support ring 71 x 71 mm, universal off/2-way switch

cream white glossy	2832 01	10	29
pure white glossy	2832 03	10	29
anthracite	2832 28	10	29
colour aluminium	2832 26	10	29
N black matt	2832 005	10	11
stainless steel (lacquered)	2832 600	10	29
N Black matt. New product.			

Gira E22, support ring 71 x 71 mm, universal off/2-way switch			
aluminium	2832 203	10	29

Features

- With screw terminals.

Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²


Notes

- For screw mounting only.

Specifications	Order No.	P. unit	PS
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Dimming

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 universal LED dimming insert Komfort 5401 00
System 2000 universal LED dimming insert (pushbutton dimmer), including cover



230 V, 11,8 V, 230 V, 12 V

System 55, 3 – 420 W/VA			
cream white glossy	2385 01	1	02
pure white glossy	2385 03	1	02
pure white matt	2385 27	1	02
anthracite	2385 28	1	02
colour aluminium	2385 26	1	02
stainless steel	2385 600	1	02

+ Optional accessories

Auxiliary unit			
S2000 aux.unit 2-wire 0333 00		→	280
System 2000			
auxillary line, complete with cover		→	34
S2000 aux.unit 3-wire 0335 00		→	281
Power boosters			

Features

- Universal LED dimming insert for switching and dimming of light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Minimum brightness can be set.
- Connecting auxiliary units is possible.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Specifications	Order No.	P. unit	PS
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Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.5 W
Connected load at 25 °C	
- HV LED lamps (leading edge):	typ. 3 to 100 W
- HV LED lamps (trailing edge):	typically 3 to 200 W
- Compact fluorescent lamp:	typ. 3 to 100 W
- Light bulbs:	20 to 420 W
- HV halogen lamps:	20 to 420 W
- Gira tronic transformers:	20 to 420 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- Wound transformer:	20 to 420 VA
- Wound transformer with NV-LED:	typically 20 to 100 VA
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	5
Cable length	
- Auxiliary unit:	max. 100 m
- Load:	max. 100 m
Installation depth:	28 mm
Connections	
- Single-wire:	max. 4 mm ²
- Fine-wire without ferrule:	max. 4 mm ²
- Fine-wire with ferrule:	max. 2.5 mm ²
Ambient temperature:	+5 °C to +45 °C

Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- In combination with power boosters, do not hook up HV-LED or compact fluorescent lamps.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information → [i638](#)

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Successor item: System 3000 auxiliary insert,
2-wire 5408 00
System 2000
auxiliary line, complete with cover

**System 55, 2-wire**

cream white glossy	0333 01	1	02
pure white glossy	0333 03	1	02
pure white matt	0333 27	1	02
anthracite	0333 28	1	02
colour aluminium	0333 26	1	02
N black matt	0333 005	1	02
stainless steel	0333 600	1	02

N Black matt. New product.

Gira E22, 2-wire

aluminium	0333 203	1	02
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+ Optional accessories**Dimming inserts**

S2000 uni.LED dimm.ins. (PB dim.) 2385 00	→	275
System 2000 universal LED dimming insert (pushbutton dimmer), including cover	→	33
Uni.series dimm.ins. 2x 50 - 260 W/VA 2263 00	→	282
S2000 LV dimm.ins. 20 - 500 VA 0331 00	→	276
S2000 ctrl.unit ins.1 - 10 V 0860 00	→	276

Dimmers**Switching inserts**

S2000 Tronic swit.ins. 0866 00	→	277
S2000 Triac swit.ins. 0854 00	→	277
S2000 relay ins. 0853 00	→	278
S2000 relay ins. zero-volt. 1148 00	→	278
S2000 HVAC relay ins. 0303 00	→	278

Features

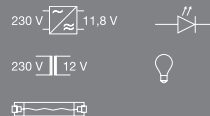
- Auxiliary line in **2-wire** connection technology for designing installations with the function of 2-way and intermediate switching exclusively in conjunction with the System 2000.
- Additional cables are not required for retrofitting.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Installation depth:	29 mm
Ambient temperature:	-20 °C to +45 °C

Specifications Order No. P. unit PS

N New product.
Replaces **0302 00**, **0307 00** and **2262 00**.
System 3000 universal LED rotary dimming insert Standard

**System 55**

cream white glossy	2450 01	1
pure white glossy	2450 03	1
pure white matt	2450 27	1
anthracite	2450 28	1
colour aluminium	2450 26	1
stainless steel	2450 600	1

Gira E22 aluminium

aluminium	2450 203	1
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+ Optional accessories

Compensation mod. LED **2375 00** → 283

Power booster

S3000 uni.LED pow.booster DRA **2383 00** → 256

Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Automatic setting of dimming principle according to load (leading or trailing edge).
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.35 W
Connected load at 25 °C	
- HV LED lamps (leading edge):	typ. 3 to 60 W
- HV LED lamps (trailing edge):	typically 3 to 120 W
- Compact fluorescent lamp:	typ. 3 to 60 W
- Light bulbs:	20 to 210 W
- HV halogen lamps:	20 to 210 W
- Gira tronic transformers:	20 to 210 W
- electronic transformer with NV-LED:	typically 20 to 60 W
- Wound transformer:	20 to 210 VA
- Wound transformer with NV-LED:	typically 20 to 60 VA

Cable length

- Load: max. 100 m
Installation: in device box pursuant to DIN 49073

Installation depth:

24 mm

Connections

- Single-wire:	max. 4 mm ²
- Fine-wire without ferrule:	max. 4 mm ²
- Fine-wire with ferrule:	max. 4 mm ²

Ambient temperature: -5 °C to +45 °C

Specifications	Order No.	P. unit	PS
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Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information → ⓘ 596

N New product.
Replaces **1176 00**.
System 3000 universal LED rotary dimming insert Komfort

System 55

cream white glossy	2455 01	1
pure white glossy	2455 03	1
pure white matt	2455 27	1
anthracite	2455 28	1
colour aluminium	2455 26	1
stainless steel	2455 600	1

Gira E22 aluminium

aluminium	2455 203	1
-----------	-----------------	---

+ Optional accessories

Compensation mod. LED **2375 00** → 283

Auxiliary inputs

S3000 rot.aux.ins. 3-wire **2389 00** → 258

S3000 aux.ins. 2-wire **5408 00** → 257

S3000 aux.ins. 3-wire **5409 00** → 258

S2000 aux.unit 2-wire **0333 00** → 280

Rocker btn NO con. **0151 00** → 225

Power booster

S3000 uni.LED pow.booster DRA **2383 00** → 256

Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Connecting auxiliary units is possible.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Specifications	Order No.	P. unit	PS
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Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.35 W
Connected load at 25 °C	
- HV LED lamps (leading edge):	typ. 3 to 100 W
- HV LED lamps (trailing edge):	typically 3 to 200 W
- Compact fluorescent lamp:	typ. 3 to 100 W
- Light bulbs:	20 to 420 W
- HV halogen lamps:	20 to 420 W
- Gira tronic transformers:	20 to 420 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- Wound transformer:	20 to 420 VA
- Wound transformer with NV-LED:	typically 20 to 100 VA
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	max. 10
Cable length	
- Auxiliary unit:	max. 100 m
- Load:	max. 100 m
Installation:	in device box pursuant to DIN 49073
Installation depth:	24 mm
Connections	
- Single-wire:	max. 4 mm ²
- Fine-wire without ferrule:	max. 4 mm ²
- Fine-wire with ferrule:	max. 4 mm ²
Ambient temperature:	-5 °C to +45 °C

Notes



- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information → ⓘ 637

Specifications Order No. P. unit PS

N New product.
Replaces 1177 00.
System 3000 rotary auxiliary insert, 3-wire



System 55

cream white glossy	2389 01	1
pure white glossy	2389 03	1
pure white matt	2389 27	1
anthracite	2389 28	1
colour aluminium	2389 26	1
stainless steel	2389 600	1

Gira E22 aluminium

aluminium	2389 203	1
-----------	-----------------	---

+ Optional accessories

S3000 uni.LED dimm.ins. Komfort	5401 00	→	253
S3000 DALI Power ctrl.unit FM ins.	5406 00	→	257
S3000 uni.LED dim. DRA	2365 00	→	256
S3000 uni.LED dim. Mini	2440 00	→	255
S3000 uni.LED rot.dimm.ins. Komfort	2455 00	→	251

Features

- Rotary auxiliary unit for System 3000 dimmer.
- Operation with neutral conductor connection.

Technical data



Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.3 W
Cable length to the main unit:	max. 100 m
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Connections	
- Single-wire:	max. 4 mm ²
- Fine-wire without ferrule:	max. 4 mm ²
- Fine-wire with ferrule:	max. 4 mm ²
Ambient temperature:	-5 °C to +45 °C

More information

Technical information → [i 640](#)

Specifications Order No. P. unit PS

LED dimmer
with rotary on/off switch, complete
with cover and button



System 55, 20 – 200 W

cream white glossy	0300 01	1	02
pure white glossy	0300 03	1	02
pure white matt	0300 27	1	02
anthracite	0300 28	1	02
colour aluminium	0300 26	1	02
N black matt	0300 005	1	
stainless steel	0300 600	1	02

N Black matt. New product.

Gira E22, 20 – 200 W

aluminium	0300 203	1	02
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+ Necessary accessories

Cov. knob dim. + potentiom.	0650 ..	→	62
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Features

- Switching and dimming of light bulbs, HV halogen lamps and leading edge dimmable HV LED lamps.
- Short-circuit protection using micro-fuse.
- With screw terminals.

Technical data

Rated voltage:	AC 230 V, 50 Hz
Connected load at 25 °C	
- HV LED lamps (leading edge):	typically 3 to 40 W
- Light bulbs:	20 to 200 W
- HV halogen lamps:	20 to 200 W
Installation depth:	32 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 0.5 mm ²
Ambient temperature:	-5 °C to +45 °C

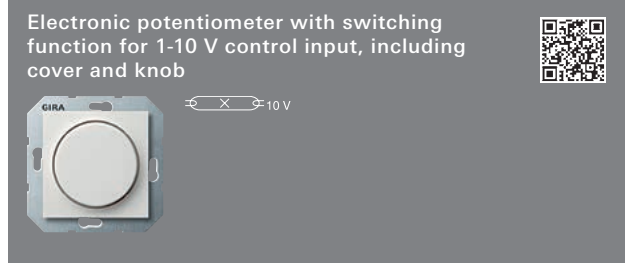
Notes

- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information → [i 647](#)

Specifications Order No. P. unit PS



System 55			
cream white glossy	0309 01	1	02
pure white glossy	0309 03	1	02
pure white matt	0309 27	1	02
anthracite	0309 28	1	02
colour aluminium	0309 26	1	02
N black matt	0309 005	1	02
stainless steel	0309 600	1	02
N Black matt. New product.			

Gira E22 aluminium			
aluminium	0309 203	1	02

+ **Optional accessories**
 Fuse F 500 H 250V **049722** → 233

- Features**
- Electronic potentiometer with switching function for electronic ballasts or Tronic transformers with 1 – 10 V control input.
 - Pressing the operating knob switches the electronic ballasts on and off.
 - Rotating adjusts the brightness.

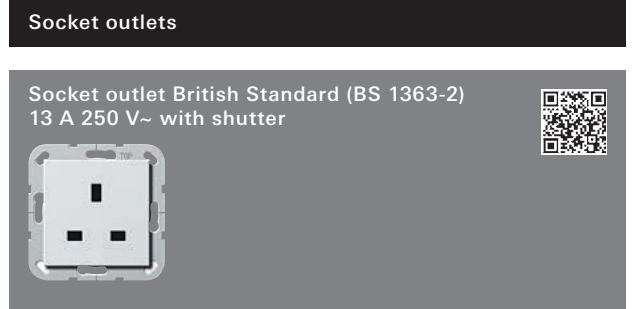
Technical data

Rated voltage:	AC 230 V, 50/60 Hz
1 – 10 V interface	
- Control voltage:	0.5 to 10 V
- Control current:	max. 50 mA
Switching current	
- Ohmic:	6 A
- Capacitive:	6 A (70 µF)
Installation depth:	33 mm.
Connections	
- maximum:	4 mm ²
Ambient temperature:	+5 °C to +25 °C

Scope of supply

- Fuse is included in the scope of supply.

Specifications Order No. P. unit PS



System 55, Support ring 71 x 71 mm			
cream white glossy	2776 01	10/100	29
pure white glossy	2776 03	10/100	29
anthracite	2776 28	10/100	29
colour aluminium	2776 26	10/100	29
N black matt	2776 005	10	29
stainless steel (lacquered)	2776 600	10	29
N Black matt. New product.			

Gira E22, support ring 71 x 71 mm			
aluminium	2776 203	10/100	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	17 mm
Connections	
- maximum:	2 x 4 mm ²



System 55, Support ring 71 x 71 mm			
cream white glossy	2778 01	10/100	29
pure white glossy	2778 03	10/100	29
anthracite	2778 28	10/100	29
colour aluminium	2778 26	10/100	29
N black matt	2778 005	10	29
stainless steel (lacquered)	2778 600	10	29
N Black matt. New product.			

Gira E22, support ring 71 x 71 mm			
aluminium	2778 203	10/100	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
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Specifications Order No. P. unit PS

Socket outlet British Standard (BS 1363-2) 13 A 250 V~ switched, with control light and Shutter 




System 55, support ring 71 x 71 mm			
cream white glossy	2780 01	10/100	29
pure white glossy	2780 03	10/100	29
anthracite	2780 28	10/100	29
colour aluminium	2780 26	10/100	29
N black matt	2780 005	10	29
stainless steel (lacquered)	2780 600	10	29
N Black matt. New product.			


Gira E22, support ring 71 x 71 mm			
aluminium	2780 203	10/100	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data
Installation depth: 20 mm

Specifications Order No. P. unit PS

Double socket outlet British Standard (BS 1363-2) 13 A 250 V~ switched, with shutter 





System 55, support ring 80 x 132 mm			
cream white glossy	2783 01	5/100	29
pure white glossy	2783 03	5/100	29
anthracite	2783 28	5/100	29
colour aluminium	2783 26	5/100	29
N black matt	2783 005	5	11
stainless steel (lacquered)	2783 600	5	29
N Black matt. New product.			

Gira E22, support ring 80 x 132 mm			
aluminium	2783 203	5/100	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data
Installation depth: 20 mm

Double socket outlet British Standard (BS 1363-2) 13 A 250 V~ with shutter 



System 55, support ring 80 x 132 mm			
cream white glossy	2782 01	5/100	29
pure white glossy	2782 03	5/100	29
anthracite	2782 28	5/50	29
colour aluminium	2782 26	5/50	29
N black matt	2782 005	5	11
stainless steel (lacquered)	2782 600	5	29
N Black matt. New product.			

Gira E22, support ring 80 x 132 mm			
aluminium	2782 203	5/100	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data
Installation depth: 20 mm
Connections
- maximum: 2 x 4 mm² + 2.5 mm²

Double socket outlet British Standard (BS 1363-2) 13 A 250 V~ switched, with control light and shutter 



System 55, support ring 80 x 132 mm			
cream white glossy	2784 01	5/100	29
pure white glossy	2784 03	5/100	29
anthracite	2784 28	5/100	29
colour aluminium	2784 26	5/100	29
N black matt	2784 005	5	11
stainless steel (lacquered)	2784 600	1	29
N Black matt. New product.			

Gira E22, support ring 80 x 132 mm			
aluminium	2784 203	5/100	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data
Installation depth: 20 mm

Specifications Order No. P. unit PS

Socket outlet British Standard (BS 546) Round Pin 5 A 250 V~ with shutter




System 55, Support ring 71 x 71 mm

cream white glossy	2772 01	10	29
pure white glossy	2772 03	10	29
anthracite	2772 28	10	29
colour aluminium	2772 26	10	29
N black matt	2772 005	10	29
stainless steel (lacquered)	2772 600	10	29

N Black matt. New product.

Gira E22, support ring 71 x 71 mm

aluminium	2772 203	10	29
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- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
Connections	
- maximum:	2 x 4 mm ²

Socket outlet British Standard (BS 546) Round Pin 15 A 250 V~ with shutter




System 55, Support ring 71 x 71 mm

cream white glossy	2774 01	10	29
pure white glossy	2774 03	10	29
anthracite	2774 28	10	29
colour aluminium	2774 26	10	29
N black matt	2774 005	10	29
stainless steel (lacquered)	2774 600	10	29

N Black matt. New product.

Gira E22, support ring 71 x 71 mm

aluminium	2774 203	10	29
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- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
Connections	
- maximum:	2 x 4 mm ²

Specifications Order No. P. unit PS

Fused spur connection box, British Standard (BS 1363-4) 13 A 250 V~ switched

System 55, Support ring 71 x 71 mm

cream white glossy	2785 01	1/5	29
pure white glossy	2785 03	1/5	29
anthracite	2785 28	1/5	29
colour aluminium	2785 26	1/5	29
N black matt	2785 005	1	29
stainless steel (lacquered)	2785 600	1	29

N Black matt. New product.

Gira E22, support ring 71 x 71 mm



aluminium	2785 203	1/5	29
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- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	29 mm
Connections	
- maximum:	2 x 2.5 mm ²

Fused spur connection box, British Standard (BS 1363-4) 13 A 250 V~ switched, with control light

System 55, Support ring 71 x 71 mm

cream white glossy	2787 01	1/5	29
pure white glossy	2787 03	1/5	29
anthracite	2787 28	1/5	29
colour aluminium	2787 26	1/5	29
N black matt	2787 005	1	29
stainless steel (lacquered)	2787 600	1	29

N Black matt. New product.

Gira E22, support ring 71 x 71 mm

aluminium	2787 203	1/5	29
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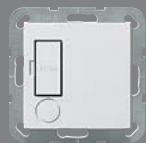
- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	29 mm
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Specifications	Order No.	P. unit	PS
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N New product.
Fused spur connection box, British Standard
(BS 1363-4) 13 A 250 V~ not switched

**System 55**

cream white glossy	2811 01	1	29
pure white glossy	2811 03	1	29
anthracite	2811 28	1	29
colour aluminium	2811 26	1	29
black matt	2811 005	1	29
stainless steel (lacquered)	2811 600	1	29

E22 aluminium

aluminium	2811 203	1	29
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Features

- With screw terminals.
- For screw mounting only.

Technical data

Installation depth:	29 mm
Connections	
- maximum:	2 x 2.5 mm ²

Razor socket outlet (DIN EN 61558 2-5) 115 -
230 V~ for cover frame, 2-gang without
crossbar

**System 55**

cream white glossy	2820 01	1	29
pure white glossy	2820 03	1	29
anthracite	2820 28	1	29
colour aluminium	2820 26	1	29
N black matt	2820 005	1	29
stainless steel (lacquered)	2820 600	1	29
N Black matt. New product.			

Gira E22 aluminium

aluminium	2820 203	1	29
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Flush-mounted device box for razor socket
outlet



2819 00	1	01
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Specifications	Order No.	P. unit	PS
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USB power supply, 2-gang

**System 55**

cream white glossy	2359 01	1	02
pure white glossy	2359 03	1	02
pure white matt	2359 27	1	02
anthracite	2359 28	1	02
colour aluminium	2359 26	1	02

Gira E22 aluminium

aluminium	2359 203	1	02
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Features

- Power supply with integrated plug connector USB type A.
- Suitable as a charging device, e.g. for mobile telephones and similar devices.
- Simultaneous charging of two devices is possible.


Technical data

Charging current:	2100 mA
Rated voltage	
- Primary:	AC 100 - 240 V, 50/60 Hz
- Secondary:	5 V
Standby:	≤ 0,3 W
Installation depth:	32 mm
Ambient temperature:	0 °C to +40 °C

Specifications	Order No.	P. unit	PS
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Lighting control

System 3000 motion detector complete with Standard top unit Mounting height up to 1.10 m



System 55			
cream white glossy	2395 01	1	02
pure white glossy	2395 03	1	02
pure white matt	2395 27	1	02
anthracite	2395 28	1	02
colour aluminium	2395 26	1	02
stainless steel (lacquered)	2395 600		02

Gira E22 aluminium			
Aluminium (lacquered)	2395 203	1	02

+ Optional accessories

One of the following articles:

Rocker btn NO con. 0151 00	→	225
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258

Features

- Automatic switching of lighting, depending on the movement of heat and ambient brightness.
- Expansion of the detection range in combination with the 3-wire auxiliary insert.
- Adjustable brightness threshold.
- Sensitivity adjustable in four steps.
- When connecting a System 3000 auxiliary insert with an operating top unit or mechanical button to the main unit, the lighting can be switched on or dimmed for the duration of the delay time.
- Test run for function testing.
- Operation with neutral conductor connection.

Technical data

Detection angle:	180°
Brightness value	
- adjustable:	approx. 5 to 500 lx
- fixed:	Day mode
Sensitivity:	25, 50, 75, 100%
Protection type:	IP20
Delay time:	approx. 2 min fixed
Mounting height up to 1.10 m	
- Range of detection forwards:	max. 32 m
- Range to each side:	max. 19 m
Ambient temperature:	-20 °C to +45 °C
Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Ohmic switching current:	16 A (AC1)
Connected load at 35 °C	
- HV LED lamps:	typ. 500 W
- Compact fluorescent lamp:	typ. 500 W
- Light bulbs:	2300 W
- HV halogen lamps:	2300 W
- Gira tronic transformers:	1500 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- Wound transformer:	1000 VA
- Fluorescent lamps, uncompensated:	1200 VA
Capacitive load:	920 VA (115 µF)
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073

Notes

- If the ambient temperature is higher than 35 °C, the connected load must be reduced.

Specifications	Order No.	P. unit	PS
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Scope of supply

- Clip-on screen to limit the detection range is included in the scope of delivery.

Specifications	Order No.	P. unit	PS
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Accessories

Kaiser 1-gang box



2485 00	25	01
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+ Optional accessories

Kaiser signal cov. 1181-60	2487 00	→	42
Kaiser KLEMMFIX® 1159-02	2488 00	→	42

Features

- With 4 screw domes and 2 expanding claw fields.
- Dimensions in accordance with German DIN 49073.
- For M20/M25 conduits.

Technical data

Installation depth:	46 mm
Installation opening:	60 mm

Notes

- Deliveries are only made in the packaging units specified.
- Kaiser Art. No. 1056-04

Kaiser 1-gang junction box



2486 00	25	01
---------	----	----

+ Optional accessories

Kaiser signal cov. 1181-60	2487 00	→	42
Kaiser KLEMMFIX® 1159-02	2488 00	→	42

Features

- With 4 screw domes and 2 expanding claw fields.
- Dimensions in accordance with German DIN 49073.
- For M20/M25 conduits.

Technical data

Installation depth:	66 mm
Installation opening:	60 mm

Notes

- Deliveries are only made in the packaging units specified.
- Kaiser Art. No. 1556-04

Specifications	Order No.	P. unit	PS
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Kaiser Klemmfix®



2488 00	25	01
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+ Necessary accessories

One of the following articles:

Kaiser 1-g box 1056-04	2485 00	→	42
Kaiser 1-g junction box 1556-04	2486 00	→	42

Features

- For fitting boxes without plaster.
- In openings made with Ø 82 mm hole saw.
- For all types of masonry.
- With depth stop.

Notes

- Deliveries are only made in the packaging units specified.
- Kaiser Art. No 1159-02

Kaiser Signal cover



2487 00	50	01
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+ Necessary accessories

One of the following articles:

Kaiser 1-g box 1056-04	2485 00	→	42
Kaiser 1-g junction box 1556-04	2486 00	→	42

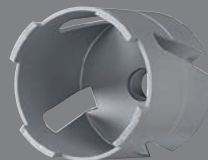
Features

- Reusable.
- Protects interior of box, screwing dome and screw heads when plastering.

Notes

- Deliveries are only made in the packaging units specified.
- Kaiser Art. No. 1181-60

Kaiser Diamond grinding head without dust extractor



2489 00	1	01
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+ Optional accessories

Kaiser direct/chuck attachm. 1088-40	2490 00	→	43
Kaiser center.drill 1088-30	2491 00	→	43
Kaiser drill.template 1190-65	2492 00	→	43

Features

- M18 x 1.5 thread to screw on the direct or chuck attachment.

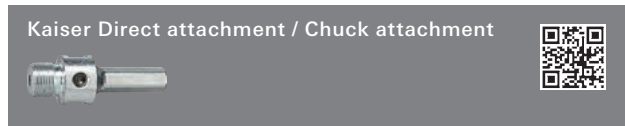
Technical data

Drill Ø:	82 mm
Cutting depth:	max. 70 mm

Notes

- Kaiser Art. No. 1088-00

Specifications Order No. P. unit PS



2490 00 1 01

+ Optional accessories

Kaiser diam.grind.head w/o dust 1088-00 **2489 00** → 42
 Kaiser center.drill 1088-30 **2491 00** → 43

Features

- For screwing onto the electric drill spindle.

Technical data

Chuck attachment with 12 mm
 hexagonal spanner:

Notes

- Kaiser Art. No. 1088-40



2491 00 1 01

+ Optional accessories

Kaiser direct/chuck attachm. 1088-40 **2490 00** → 43

Features

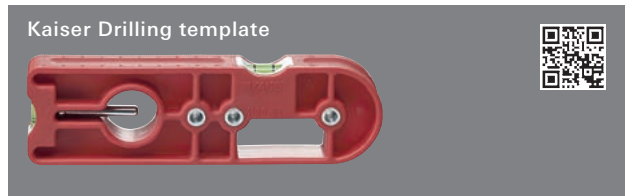
- For all direct and chuck attachments.

Technical data

Ø: 6 mm

Notes

- Kaiser Art. No. 1088-30



2492 00 1 01

+ Optional accessories

Kaiser diam.grind.head w/o dust 1088-00 **2489 00** → 42

Features

- For vertical and horizontal pre-drilling of combination distances.
- 71 mm for standard combinations.
- 91 mm for separate covers on low-voltage devices.
- With hardened drilling bushes.
- With fold-out guide pin for first drill hole.

Notes

- Kaiser Art. No. 1190-65

Specifications Order No. P. unit PS



2493 00 25 01
 2495 00 25 01

+ Optional accessories

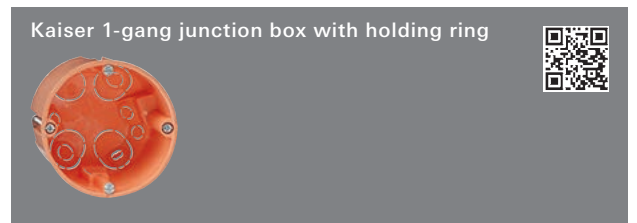
Kaiser Turbo cutter MULTI 4000 1083-10 **2497 00** → 44
 Kaiser cavity wall box template 1085-99 **2496 00** → 43

Technical data

Installation depth
 - 2493 00: 47 mm
 - 2495 00: 35 mm
 Cut hole Ø: 68 mm
 For panel thickness
 - 2493 00: 7 to 40 mm
 - 2495 00: 7 to 28 mm

Notes

- 2493 00, Kaiser Art. No. 9063-01
 - 2495 00, Kaiser Art. No. 9061-00



2494 00 25 01

+ Optional accessories

Kaiser Turbo cutter MULTI 4000 1083-10 **2497 00** → 44
 Kaiser cavity wall box template 1085-99 **2496 00** → 43

Technical data

Installation depth: 61 mm
 Cut hole Ø: 68 mm
 For panel thickness: 7 to 40 mm

Notes

- Kaiser Art. No. 9064-01



2496 00 100 01

+ Optional accessories

Kaiser 1-g box 9063-02 **2493 00** → 43
 Kaiser 1-g junction box 9064-01 **2494 00** → 43
 Kaiser 1-g box 9061-00 **2495 00** → 43

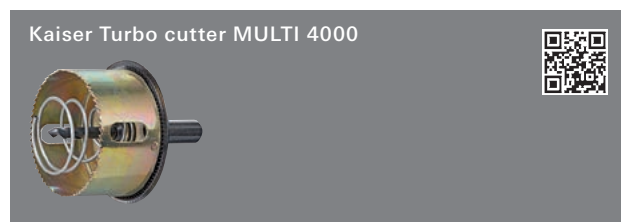
Features

- For marking cutting-out distances for combinations.
- 71 mm for standard combinations.
- 91 mm for separate covers on low-voltage devices.

Notes

- Kaiser Art. No. 1085-99

Specifications	Order No.	P. unit	PS
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	2497 00	1	01
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+ Optional accessories

Kaiser 1-g box 9063-02	2493 00	→	43
Kaiser 1-g junction box 9064-01	2494 00	→	43
Kaiser 1-g box 9061-00	2495 00	→	43
Kaiser cavity wall box template 1085-99	2496 00	→	43

Features

- High cutting power.
- Precise cut for circular drilled holes.
- High radial runout accuracy.
- Removable countersink hole cutters.
- Fits all electric drills with 13 mm chuck.
- With countersink hole cutter and plate ejector.

Technical data

Cut hole Ø:	68 mm
Depth of cutting hole:	36 mm

Notes

- Kaiser Art. No. 1083-10

Inserts and cover plates System 55

Switching and pressing	48
Dimming	62
Socket outlets	66
Lighting control	72
Light	73
Time switch	73
Blind controller	75
Orientation lighting	76
Rocker sets for bus systems	77
Wireless transmitter	77
Heating, ventilation, air conditioning	77
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Communication technology entertainment	78
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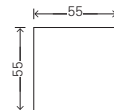
Large range of products for individual solutions

Since it was launched, Gira's System 55 has been continuously refined and expanded with new functions and systems. More than 300 functions make it possible to create individual installation solutions. The inserts and covers fit into the cover frames of numerous Gira design lines and into the Gira Profile 55. The Gira TX_44 design line can also be expanded with functions from the Gira System 55 by using adapter frames and integrated into the Gira energy profile and light profiles.

Characteristics

- More than 300 functions available.
- Large variety of colours and designs in seven design lines (Gira Standard 55, E2, E3, Event, Esprit, Studio, ClassiX).
- Suitable for vertical and horizontal installation.
- Plastic: halogen-free thermoplastic, shock and shatter-proof.
- Suitable for outdoor use in conjunction with adapter frames and Gira TX_44 design line.

Dimensions in mm



Standard features:	W 55	H 55
Features for cover frame without crossbar:	W 55	H 126

Thermoplastic corner radius: R 0.5

Technical data

Platform:	System 55
Material:	Thermoplastic (polycarbonate), stainless steel (1.4301 V2A), electroplated and burnished bronze, polished, matt, high-gloss brass, high-gloss chrome

System 55 design lines



Socket outlet British Standard, switched, with shutter, pure white glossy



Standard 55



E2



E3



Event



Esprit



Studio



ClassiX

Variants



Black matt



Anthracite



Colour aluminium



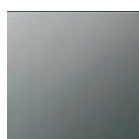
Pure white matt (similar to RAL 9010)



Pure white glossy (similar to RAL 9010)



Cream white glossy (similar to RAL 1013)



Stainless steel



Chrome



Brass



Bronze



Switches
and push buttons
→ 48



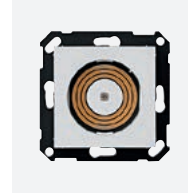
Dimming
→ 62



Socket outlets
→ 66



Lighting control
→ 72



Light
→ 73



Time switch
→ 73



Blind controller
→ 75



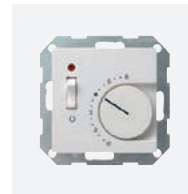
Orientation
lighting
→ 76



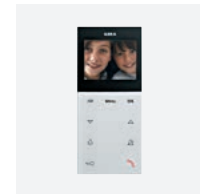
Rocker sets
for bus systems
→ 77



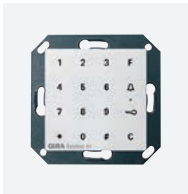
Wireless
transmitter
→ 77



Heating,
ventilation, air
conditioning
→ 77



Door
communication
→ 77



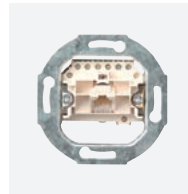
Gira Keyless In
→ 77



Communication
Entertainment
→ 78



Communication
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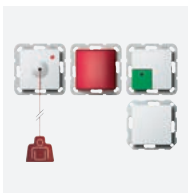
Communication
telecommuni-
cations
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Communication
Accessories
→ 81



Audio systems
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Emergency sets
→ 87



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installation
→ 87



Protective circuits
→ 88



Accessories
→ 89

Specifications Order No. P. unit PS

Switching and pressing

Rocker switch 10 AX 250 V~ with rocker



Universal off/2-way switch

cream white glossy	0106 01	1/5	01
pure white glossy	0106 03	1/5	01
pure white matt	0106 27	1/5	01
anthracite	0106 28	1/5	11
colour aluminium	0106 26	1	11
N black matt	0106 005	1	11
stainless steel	0106 600	1	11
N Black matt. New product.			

Intermediate switch

cream white glossy	0107 01	1	01
pure white glossy	0107 03	1	01
pure white matt	0107 27	1	01
anthracite	0107 28	1	11
colour aluminium	0107 26	1	11
N black matt	0107 005	1	11
stainless steel	0107 600	1	11
N Black matt. New product.			

Circuit breaker, 2-pole

cream white glossy	0102 01	1	01
pure white glossy	0102 03	1	01
pure white matt	0102 27	1	01
anthracite	0102 28	1	11
colour aluminium	0102 26	1	11
N black matt	0102 005	1	11
stainless steel	0102 600	1	11
N Black matt. New product.			

+ Optional accessories

Neon lamp elements

Neon lamp element 0.35 mA	0995 00	→	229
Neon lamp element 0.8 mA	0996 00	→	229
Neon lamp element 1.5 mA	0997 00	→	229

LED lighting elements

LED light.e. 2.6 mA YE	0497 07	→	229
LED light.e. 0.8 mA BU	0497 08	→	229
LED light.e. 2.6 mA RD	0497 10	→	229
LED light.e. 0.7 mA WH	0497 18	→	229
LED light.e. 24 V RD	0992 00	→	229
LED light.e. 24 V colour-neutral	1405 00	→	229

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- Can also be connected with illumination.

Specifications Order No. P. unit PS

Rocker switch 10 AX 250 V~ with rocker, 2-gang



Series switch

cream white glossy	0105 01	1	01
pure white glossy	0105 03	1	01
pure white matt	0105 27	1/5	01
anthracite	0105 28	1	11
colour aluminium	0105 26	1	11
N black matt	0105 005	1	11
stainless steel	0105 600	1	11
N Black matt. New product.			

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Rocker switch 10 AX 250V~ with rocker, 2-gang



2-way switch, 2-gang

cream white glossy	0108 01	1	01
pure white glossy	0108 03	1	01
pure white matt	0108 27	1	01
anthracite	0108 28	1	11
colour aluminium	0108 26	1	11
N black matt	0108 005	1	11
stainless steel	0108 600	1	11
N Black matt. New product.			

Technical data

Installation depth:	33 mm.
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

More information

Technical information → i 630

Specifications Order No. P. unit PS



Specifications	Order No.	P. unit	PS
Circuit breaker, 2-pole			
cream white glossy	0112 01	1	01
pure white glossy	0112 03	1	01
pure white matt	0112 27	1	01
anthracite	0112 28	1	11
colour aluminium	0112 26	1	11
N black matt	0112 005	1	11
stainless steel	0112 600	1	11
N Black matt. New product.			

+ Optional accessories

Neon lamp elements

Neon lamp element 0.35 mA **0995 00** → 229

Neon lamp element 0.8 mA **0996 00** → 229

Neon lamp element 1.5 mA **0997 00** → 229

LED lighting elements

LED light.e. 2.6 mA YE **0497 07** → 229

LED light.e. 0.8 mA BU **0497 08** → 229

LED light.e. 2.6 mA RD **0497 10** → 229

LED light.e. 0.7 mA WH **0497 18** → 229

LED light.e. 24 V RD **0992 00** → 229

LED light.e. 24 V colour-neutral **1405 00** → 229

Technical data

Installation depth: 28 mm

Connections

- maximum: 2 x 2.5 mm²

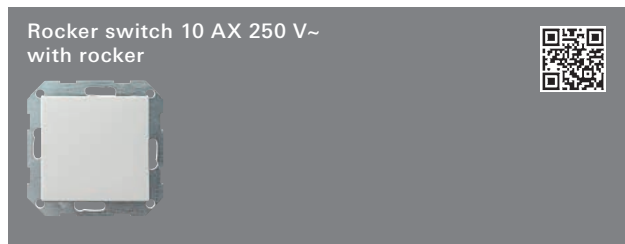
- minimum: 2 x 1.5 mm²

Notes

- Can also be connected with illumination.

More information

Technical information → i 630



Specifications	Order No.	P. unit	PS
NO contact, 1-pole			
cream white glossy	0151 01	1/5	01
pure white glossy	0151 03	1/5	01
pure white matt	0151 27	1	01
anthracite	0151 28	1	11
colour aluminium	0151 26	1	11
N black matt	0151 005	1	11
stainless steel	0151 600	1	11
N Black matt. New product.			

+ Optional accessories

Neon lamp elements

Neon lamp element 0.35 mA **0995 00** → 229

Neon lamp element 0.8 mA **0996 00** → 229

Neon lamp element 1.5 mA **0997 00** → 229

LED lighting elements

LED light.e. 2.6 mA YE **0497 07** → 229

LED light.e. 0.8 mA BU **0497 08** → 229

LED light.e. 2.6 mA RD **0497 10** → 229

LED light.e. 0.7 mA WH **0497 18** → 229

LED light.e. 24 V RD **0992 00** → 229

LED light.e. 24 V colour-neutral **1405 00** → 229

NO contact, 1-pole with sep. signal contact esp. for

WL uni.transm. 2-g Mini **5453 00** → 552

Specifications Order No. P. unit PS

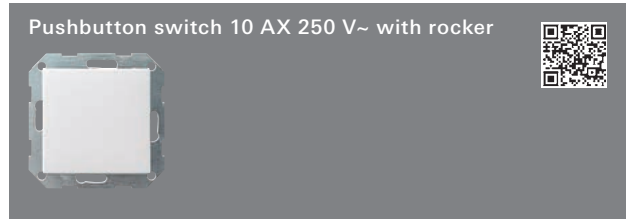
Technical data

Installation depth: 28 mm

Connections

- maximum: 2 x 2.5 mm²

- minimum: 2 x 1.5 mm²



Specifications	Order No.	P. unit	PS
Universal off/2-way switch			
cream white glossy	0126 01	1/5	01
pure white glossy	0126 03	1/5	01
pure white matt	0126 27	1/5	01
anthracite	0126 28	1/5	11
colour aluminium	0126 26	1/5	11
N black matt	0126 005	1	11
stainless steel	0126 600	1/5	11
bronze	0126 603	1/5	11
brass	0126 604	1/5	11
chrome	0126 605	1/5	11
N Black matt. New product.			

Intermediate switch

Specifications	Order No.	P. unit	PS
cream white glossy	0127 01	1/5	01
pure white glossy	0127 03	1/5	01
pure white matt	0127 27	1/5	01
anthracite	0127 28	1/5	11
colour aluminium	0127 26	1/5	11
N black matt	0127 005	1	11
stainless steel	0127 600	1/5	11
bronze	0127 603	1/5	11
brass	0127 604	1/5	11
chrome	0127 605	1/5	11
N Black matt. New product.			

Technical data

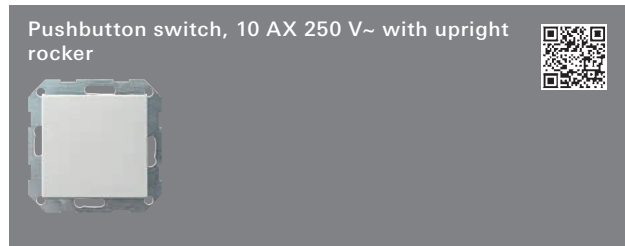
Installation depth: 28 mm

Connections

- maximum: 2 x 2.5 mm²

- minimum: 2 x 1.5 mm²

Specifications Order No. P. unit PS



Universal off/2-way switch

pure white glossy	0121 201	1/5	01
pure white matt	0121 27	1	01
anthracite	0121 28	1	11
colour aluminium	0121 26	1	11
N black matt	0121 005	1	11
stainless steel	0121 600	1/5	11

N Black matt. New product.

Intermediate switch

pure white glossy	0123 201	1/5	01
pure white matt	0123 27	1	01
anthracite	0123 28	1	11
colour aluminium	0123 26	1	11
N black matt	0123 005	1	11
stainless steel	0123 600	1	11

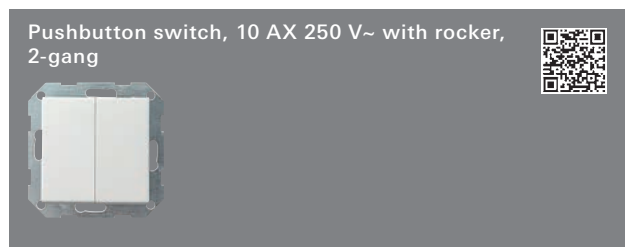
N Black matt. New product.

Technical data

Installation depth: 28 mm

Connections

- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²



Series switch

cream white glossy	0125 01	1/5	01
pure white glossy	0125 03	1/5	01
pure white matt	0125 27	1/5	01
anthracite	0125 28	1/5	11
colour aluminium	0125 26	1/5	11
N black matt	0125 005	1	11
stainless steel	0125 600	1/5	11
bronze	0125 603	1/5	11
brass	0125 604	1/5	11
chrome	0125 605	1/5	11

N Black matt. New product.

2-way switch, 2-gang

cream white glossy	0128 01	1/5	01
pure white glossy	0128 03	1/5	01
pure white matt	0128 27	1/5	01
anthracite	0128 28	1/5	11
colour aluminium	0128 26	1/5	11
N black matt	0128 005	1	11
stainless steel	0128 600	1/5	11

N Black matt. New product.

Technical data

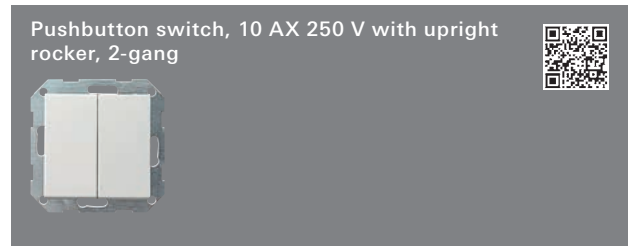
Installation depth

- 0125 ...: 28 mm
- 0128 ...: 32 mm

Connections

- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²

Specifications Order No. P. unit PS



Series switch

pure white glossy	2860 201	1/5	01
pure white matt	2860 27	1	01
anthracite	2860 28	1	11
colour aluminium	2860 26	1	11
N black matt	2860 005	1	11
stainless steel	2860 600	1/5	11

N Black matt. New product.

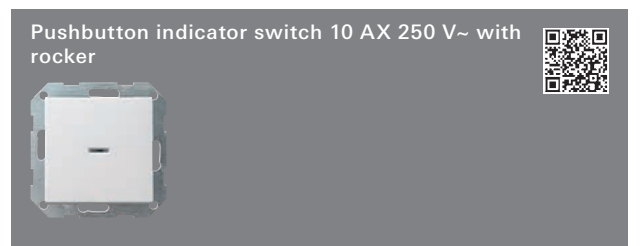
2-way switch, 2-gang

pure white glossy	2861 201	1/5	01
pure white matt	2861 27	1	01
anthracite	2861 28	1	11
colour aluminium	2861 26	1	11
stainless steel	2861 600	1/5	11

Technical data

Installation depth

- 2860 ...: 28 mm



Universal off/2-way switch

cream white glossy	0136 01	1/5	01
pure white glossy	0136 03	1/5	01
pure white matt	0136 27	1/5	01
anthracite	0136 28	1/5	11
colour aluminium	0136 26	1/5	11
N black matt	0136 005	1	11
stainless steel	0136 600	1/5	11
bronze	0136 603	1/5	11
brass	0136 604	1/5	11
chrome	0136 605	1/5	11

N Black matt. New product.

Circuit breaker, 2-pole

cream white glossy	0122 01	1/5	01
pure white glossy	0122 03	1/5	01
pure white matt	0122 27	1/5	01
anthracite	0122 28	1/5	11
colour aluminium	0122 26	1/5	11
N black matt	0122 005	1	11
stainless steel	0122 600	1/5	11

N Black matt. New product.

+ Optional accessories

Neon lamp elements

- Neon lamp element 0.35 mA **0995 00** → 229
- Neon lamp element 0.8 mA **0996 00** → 229
- Neon lamp element 1.5 mA **0997 00** → 229

LED lighting elements

- LED light.e. 2.6 mA YE **0497 07** → 229
- LED light.e. 0.8 mA BU **0497 08** → 229
- LED light.e. 2.6 mA RD **0497 10** → 229
- LED light.e. 0.7 mA WH **0497 18** → 229
- LED light.e. 24 V RD **0992 00** → 229
- LED light.e. 24 V colour-neutral **1405 00** → 229

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- Can also be connected with illumination.


Scope of supply

- Neon lamp element 230 V~, 1.5 mA is included in the scope of supply.

More information

Technical information → [i633](#)

Pushbutton indicator switch 10 AX 250 V with upright rocker



Universal off/2-way switch

pure white glossy	0124 201	1/5	01
pure white matt	0124 27	1	01
anthracite	0124 28	1	11
colour aluminium	0124 26	1	11
N black matt	0124 005	1	11
stainless steel	0124 600	1	11
N Black matt. New product.			

+ Optional accessories

See listing at

PB ind.sw. off/2-way **0136 ..** → 50

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- Can also be connected with illumination.


Scope of supply

- Neon lamp element 230 V~, 1.5 mA is included in the scope of supply.

More information

Technical information → [i633](#)

British Standard rocker button (BS EN 60669-1), 3-gang 10 A 250 V~ with rockers



Support ring 71 x 71 mm, NO contact 1-pole

cream white glossy	2844 01	10	29
pure white glossy	2844 03	10	29
anthracite	2844 28	10/10	29
colour aluminium	2844 26	10/10	29
N black matt	2844 005	10	29
stainless steel (lacquered)	2844 600	10	29
N Black matt. New product.			

Features

- With screw terminals.

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

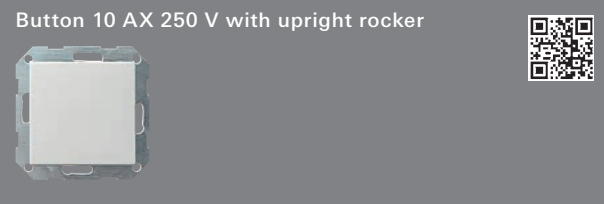
Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 2.5 mm ²

Notes

- For screw mounting only.

Button 10 AX 250 V with upright rocker



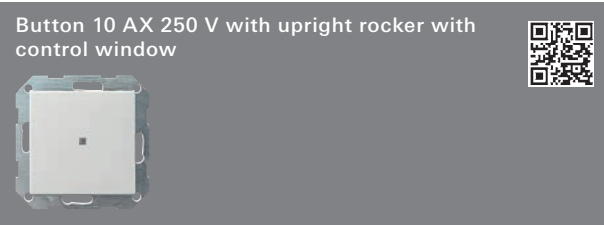
2-way momentary-contact, 1-pole

pure white glossy	0130 201	1/5	01
pure white matt	0130 27	1	01
anthracite	0130 28	1	11
colour aluminium	0130 26	1	11
N black matt	0130 005	1	11
stainless steel	0130 600	1	11
N Black matt. New product.			

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Button 10 AX 250 V with upright rocker with control window



2-way momentary-contact, 1-pole

pure white glossy	0120 201	1/5	11
pure white matt	0120 27	1	01
anthracite	0120 28	1	11
colour aluminium	0120 26	1	11
N black matt	0120 005	1	11
stainless steel	0120 600	1/5	11
N Black matt. New product.			

+ Optional accessories

See listing at

PB ind.sw. off/2-way **0136 ..** → 50

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes



- Can also be connected with illumination.

More information

Technical information → [i633](#)

Specifications Order No. P. unit PS

British Standard rocker switch (BS EN 60669-1) 20 AX 250 V~ with rocker






Support ring 71 x 71 mm, circuit breaker, 2-pole			
cream white glossy	2836 01	10	29
pure white glossy	2836 03	10	29
anthracite	2836 28	10	29
colour aluminium	2836 26	10	29
N black matt	2836 005	10	11
stainless steel	2836 600	10	29
N Black matt. New product.			

Technical data

Installation depth:	24 mm
Connections	
- maximum:	2 x 4 mm ² or 1 x 6 mm ²

British Standard rocker switch (BS EN 60669-1) 20 AX 250 V~ with rocker and control light

Support ring 71 x 71 mm, circuit breaker, 2-pole			
cream white glossy	2834 01	10	29
pure white glossy	2834 03	10	29
anthracite	2834 28	10	29
colour aluminium	2834 26	10	29
N black matt	2834 005	10	29
stainless steel	2834 600	10	29
N Black matt. New product.			

Features

- With screw terminals.



Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 4 mm ² or 1 x 6 mm ²

Notes

- For screw mounting only.

N New product.
Replaces **2838 ..**
British Standard switch (BS EN 60669-1) 45 A 250 V~

Circuit breaker, 2-pole			
cream white glossy	2821 01	10	29
pure white glossy	2821 03	10	29
anthracite	2821 28	10	29
colour aluminium	2821 26	10	29
black matt	2821 005	10	29
stainless steel (lacquered)	2821 600	10	29

Specifications Order No. P. unit PS



Technical data

Installation depth:	16 mm
Connections	
- maximum:	2 x 6 mm ² or 1 x 10 mm ²

Notes

- Individual device. Cannot be combined.
- A square BS installation box is required for the installation.

British Standard rocker switch (BS EN 60669-1) 3-gang with rockers






Support ring 71 x 71 mm, 1-way switch			
cream white glossy	2830 01	10	29
pure white glossy	2830 03	10	29
anthracite	2830 28	10	29
colour aluminium	2830 26	10	29
N black matt	2830 005	10	29
stainless steel (lacquered)	2830 600	10	29
N Black matt. New product.			

Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

British Standard rocker switch (BS EN 60669-1) 3-gang with rockers

Support ring 71 x 71 mm, universal off/2-way switch			
cream white glossy	2832 01	10	29
pure white glossy	2832 03	10	29
anthracite	2832 28	10	29
colour aluminium	2832 26	10	29
N black matt	2832 005	10	11
stainless steel (lacquered)	2832 600	10	29
N Black matt. New product.			

Features

- With screw terminals.

Technical data



Installation depth:	25 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- For screw mounting only.

Specifications Order No. P. unit PS



N New product.
Replaces 0634 ..., 2324 ..., 2316 ...
System 3000 operating top unit

cream white glossy	5360 01	1	02
pure white glossy	5360 03	1	02
pure white matt	5360 27	1	02
anthracite	5360 28	1	02
colour aluminium	5360 26	1	02
black matt	5360 005	1	02
stainless steel	5360 600	1	02

- + Necessary accessories**
One of the following articles:
- S3000 relay swit.ins. **5403 00** → 248
 - S3000 electr.swit.ins. **5405 00** → 249
 - S3000 uni.LED dimm.ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux.ins. 2-wire **5408 00** → 257
 - S3000 aux.ins. 3-wire **5409 00** → 258
 - S3000 impulse insert **5410 00** → 249
 - S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
 - S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
- Functional description → 260

N New. Available from 05/2019.
Replaces 2315 ...
System 3000 operating top unit 2-gang


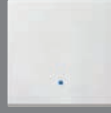



cream white glossy	5362 01	1	
pure white glossy	5362 03	1	
pure white matt	5362 27	1	
anthracite	5362 28	1	
colour aluminium	5362 26	1	
black matt	5362 005	1	
stainless steel	5362 600	1	

- + Necessary accessories**
One of the following articles:
- S3000 relay swit.ins. 2-g **5404 00** → 248
 - S3000 uni.LED-dimm.ins. Komfort 2-g **5402 00** → 254
 - S3000 aux.ins. 3-wire **5409 00** → 258
- Functional description → 260

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
System 2000 touch switching top unit

cream white glossy	2261 01	1/5	02
pure white glossy	2261 03	1/5	02
pure white matt	2261 27	1/5	02
anthracite	2261 28	1/5	02
colour aluminium	2261 26	1/5	02

- + Necessary accessories**
One of the following articles:
- Switching inserts**
- S2000 Tronic swit.ins. **0866 00** → 277
 - S2000 Triac swit.ins. **0854 00** → 277
 - S2000 relay ins. **0853 00** → 278
 - S2000 relay ins. zero-volt. **1148 00** → 278
 - S2000 HVAC relay ins. **0303 00** → 278

- Features**
- Switching top unit for use with the System 2000 switch inserts.
 - Lighting is controlled by lightly touching the operating surface, without the movement of mechanical elements.
 - The lighting is switched on and off by touching the surface.
 - A blue orientation LED lights up as long as the load is switched off and goes off when it is switched on.

Rocker




cream white glossy	0296 01	10/100	21
pure white glossy	0296 03	10/100	21
pure white matt	0296 27	10/50	21
anthracite	0296 28	10/100	11
colour aluminium	0296 26	10/100	11
N black matt	0296 005	10	11
stainless steel	0296 600	10	11
bronze	0296 603	10	11
brass	0296 604	10	11
chrome	0296 605	10	11

N Black matt. New product.

- + Necessary accessories**
One of the following articles:
- Inserts**
- Rocker sw. off/2-way **0106 00** → 224
 - Rocker sw. interm.sw. **0107 00** → 224
 - Rocker sw. CB 2-p **0102 00** → 224
 - Rocker sw. CB 3-p **0103 00** → 224
 - Rocker btn NO con. **0151 00** → 225
 - Rocker btn 2-way m-c **0156 00** → 225
 - Rocker btn NO con. + N term. **0150 00** → 225
 - Rocker btn NO con. s.sig. **0152 00** → 225
 - Bus coup.btn 1-g 1-point + status LED **0181 00** → 443
 - Bus coup.btn 1-g 2-point + status LED **0184 00** → 443

- + Optional accessories**
- Clamp piece screw-in **1401 27** → 90

Specifications Order No. P. unit PS



cream white glossy	0299 01	10	01
pure white glossy	0299 03	10	01
pure white matt	0299 27	10	01
anthracite	0299 28	10	11
colour aluminium	0299 26	1	11
N black matt	0299 005	1	11
stainless steel	0299 600	1	11
bronze	0299 603	1	11
brass	0299 604	1	11
chrome	0299 605	1	11
N Black matt. New product.			

+ Necessary accessories

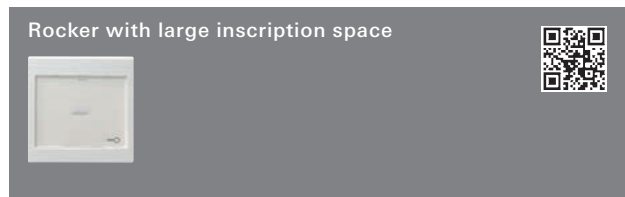
See listing at
Rocker **0296 ..** → 53

+ Optional accessories

In.sheets 51.2 x 7 mm **1455 00** → 231
Clamp piece screw-in **1401 27** → 90

Scope of supply

- Blank inscription label included.
- Inscription labels with "light", "bell" and "door" symbols are included.



cream white glossy	0676 01	1	01
pure white glossy	0676 03	5	01
pure white matt	0676 27	5	01
anthracite	0676 28	1	11
colour aluminium	0676 26	1	11
N black matt	0676 005	1	11
N Black matt. New product.			

+ Necessary accessories

See listing at
Rocker **0296 ..** → 53

+ Optional accessories

In.sheets 46.9 x 36.9 mm **1456 00** → 231
Clamp piece screw-in **1401 27** → 90

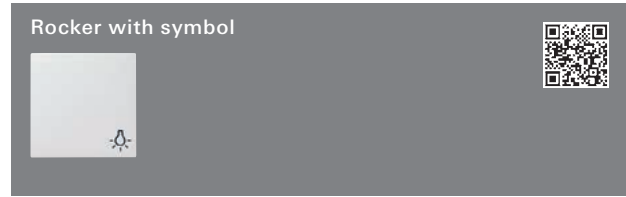
Technical data

Dimensions in mm
- Inscription space: W 37 H 47

Scope of supply

- Blank inscription label included.
- Inscription labels with "light", "bell" and "door" symbols are included.

Specifications Order No. P. unit PS



Light			
cream white glossy	0285 01	10	01
pure white glossy	0285 03	10	01
pure white matt	0285 27	10	01
anthracite	0285 28	1	11
colour aluminium	0285 26	1	11
N black matt	0285 005	1	11
stainless steel	0285 600	1	11
bronze	0285 603	1	11
brass	0285 604	1	11
chrome	0285 605	1	11
N Black matt. New product.			

Bell

cream white glossy	0286 01	10	01
pure white glossy	0286 03	10/100	01
pure white matt	0286 27	10	01
anthracite	0286 28	10	11
colour aluminium	0286 26	10	11
N black matt	0286 005	10	11
stainless steel	0286 600	1	11
bronze	0286 603	1	11
brass	0286 604	1	11
chrome	0286 605	10	11
N Black matt. New product.			

Door

cream white glossy	0287 01	10	01
pure white glossy	0287 03	10	01
pure white matt	0287 27	10	01
anthracite	0287 28	1	11
colour aluminium	0287 26	10	11
N black matt	0287 005	1	11
stainless steel	0287 600	1	11
bronze	0287 603	1	11
brass	0287 604	1	11
chrome	0287 605	1	11
N Black matt. New product.			

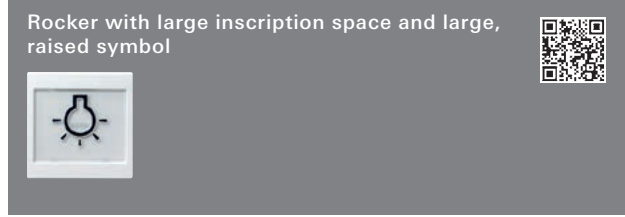
+ Necessary accessories

See listing at
Rocker **0296 ..** → 53

+ Optional accessories

Clamp piece screw-in **1401 27** → 90

Specifications Order No. P. unit PS



Light

cream white glossy	0216 01	1	01
pure white glossy	0216 03	1	01
pure white matt	0216 27	1	01
anthracite	0216 28	1	11
colour aluminium	0216 26	1	11
N black matt	0216 005	1	

N Black matt. New product.

Bell

cream white glossy	0217 01	1	01
pure white glossy	0217 03	1	01
pure white matt	0217 27	1	01
anthracite	0217 28	1	11
colour aluminium	0217 26	1	11
N black matt	0217 005	1	

N Black matt. New product.

Door

cream white glossy	0218 01	1	01
pure white glossy	0218 03	1	01
pure white matt	0218 27	1	01
anthracite	0218 28	1	11
colour aluminium	0218 26	1	11
N black matt	0218 005	1	11

N Black matt. New product.

+ Necessary accessories
See listing at
Rocker 0296 .. → 53

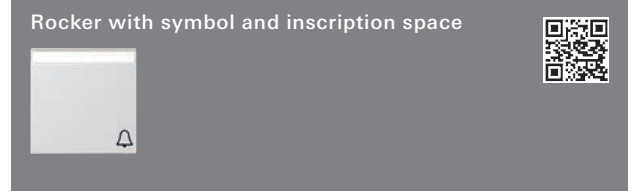
+ Optional accessories
In.sheets 46.9 x 36.9 mm 1456 00 → 231
Clamp piece screw-in 1401 27 → 90

Technical data
Dimensions in mm
- Inscription space: W 37 H 47

Notes
- Designed especially for barrier-free living of the vision-impaired.

Scope of supply
- Blank inscription label included.

Specifications Order No. P. unit PS



Bell

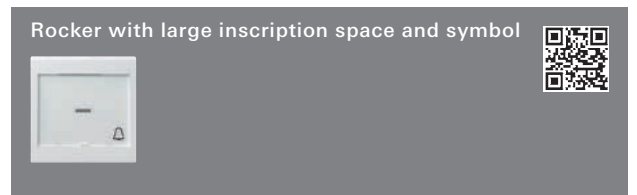
cream white glossy	0673 01	1	01
pure white glossy	0673 03	10/100	01
pure white matt	0673 27	10	01
anthracite	0673 28	1	11
colour aluminium	0673 26	1	11
N black matt	0673 005	1	11

N Black matt. New product.

+ Necessary accessories
One of the following articles:
Inserts
Rocker btn NO con. 0151 00 → 225
Rocker btn 2-way m-c 0156 00 → 225
Rocker btn NO con. + N term. 0150 00 → 225
Rocker btn NO con. s.sig. 0152 00 → 225
Bus coup.btn 1-g 1-point + status LED 0181 00 → 443

+ Optional accessories
In.sheets 51.2 x 7 mm 1455 00 → 231
Clamp piece screw-in 1401 27 → 90

Scope of supply
- Blank inscription label included.



Bell

cream white glossy	0679 01	1	01
pure white glossy	0679 03	5	01
pure white matt	0679 27	5	01
anthracite	0679 28	1	11
colour aluminium	0679 26	1	11
N black matt	0679 005	1	11

N Black matt. New product.

+ Necessary accessories
See listing at
Rocker sym.bell + in.sp. 0673 .. → 55

+ Optional accessories
In.sheets 46.9 x 36.9 mm 1456 00 → 231
Clamp piece screw-in 1401 27 → 90

Technical data
Dimensions in mm
- Inscription space: W 37 H 47

Scope of supply
- Blank inscription label included.

Specifications Order No. P. unit PS



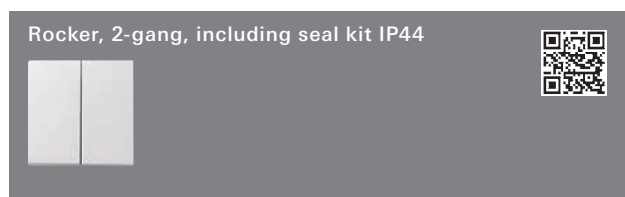
cream white glossy	0295 01	10/100	01
pure white glossy	0295 03	10/100	01
pure white matt	0295 27	10/100	01
anthracite	0295 28	10/100	11
colour aluminium	0295 26	10/100	11
N black matt	0295 005	10	11
stainless steel	0295 600	10	11
bronze	0295 603	10	11
brass	0295 604	10	11
chrome	0295 605	10	11
N Black matt. New product.			

+ Necessary accessories

One of the following articles:

Inserts

Rocker sw. series sw. 0105 00	→	224
Rocker sw. 2-way sw. 2-g 0108 00	→	224
Rocker btn 2-way m-c 2-g 0155 00	→	226
Rocker sw./btn 2-way sw./m-c 0139 00	→	226
Bus coup.btn 2-g 1-point 0182 00	→	444
Bus coup.btn 2-g 2-point 0185 00	→	444



Standard 55, Gira E2			
cream white glossy	0266 01	1/5	01
pure white glossy	0266 03	1/5	01
pure white matt	0266 27	1/5	01
anthracite	0266 28	1/5	11
colour aluminium	0266 26	1/5	11
N black matt	0266 005	1	11
N Black matt. New product.			

+ Necessary accessories

One of the following articles:

Inserts

Rocker sw. series sw. 0105 00	→	224
Rocker sw. 2-way sw. 2-g 0108 00	→	224
Rocker btn 2-way m-c 2-g 0155 00	→	226
Rocker sw./btn 2-way sw./m-c 0139 00	→	226

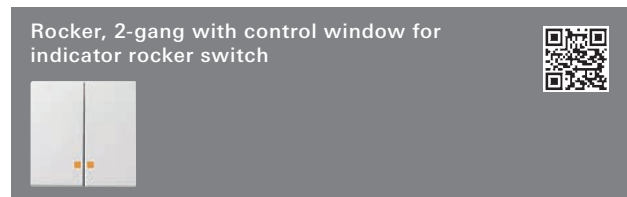
Features

- In combination with frames, 1-gang to 5-gang from the Standard 55 and Gira E2 switch ranges, System 55 series or 2-way switches, 2-gang can be installed water-protected in accordance with IP44.

Scope of supply

- Seal kit including a 2-gang rocker for rocker switches and rocker buttons is included.

Specifications Order No. P. unit PS



cream white glossy	0631 01	1	01
pure white glossy	0631 03	10	01
pure white matt	0631 27	1	01
anthracite	0631 28	1	11
colour aluminium	0631 26	1	11
N black matt	0631 005	1	11
N Black matt. New product.			

+ Necessary accessories

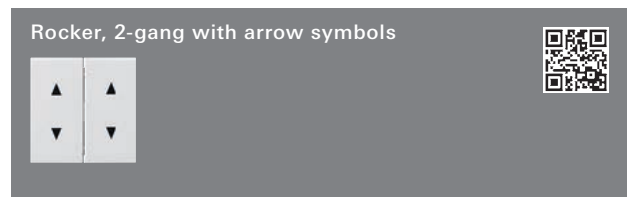
 Rock.ind.sw. series sw. LED OR **0145 00** → 225


cream white glossy	0294 01	10	01
pure white glossy	0294 03	10/100	01
pure white matt	0294 27	10/100	01
anthracite	0294 28	10/100	11
colour aluminium	0294 26	10	11
N black matt	0294 005	10	11
stainless steel	0294 600	10	11
bronze	0294 603	10	11
brass	0294 604	10	11
chrome	0294 605	10	11
N Black matt. New product.			

+ Necessary accessories

One of the following articles:

Blind rocker sw. 0159 00	→	227
Blind rocker btn 0158 00	→	227
Bus coup.btn 2-g 1-point 0182 00	→	444



cream white glossy	1150 01	1	01
pure white glossy	1150 03	1	01
pure white matt	1150 27	1	01
anthracite	1150 28	1	11
colour aluminium	1150 26	1	11
N black matt	1150 005	1	11
N Black matt. New product.			



+ Necessary accessories

One of the following articles:

Rocker btn 4-g NO con. 1-p 0147 00	→	226
Bus coup.btn 2-g 2-point 0185 00	→	444

Specifications Order No. P. unit PS

N New product.
Replaces 0634 .., 2324 .., 2316 ...
System 3000 operating top unit arrow symbols

cream white glossy	5361 01	1	02
pure white glossy	5361 03	1	02
pure white matt	5361 27	1	02
anthracite	5361 28	1	02
colour aluminium	5361 26	1	02
black matt	5361 005	1	02
stainless steel	5361 600	1	02



+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

Functional description → 260

Rocker with control window

cream white glossy	0290 01	10	01
pure white glossy	0290 03	10/100	01
pure white matt	0290 27	10/50	01
anthracite	0290 28	10	11
colour aluminium	0290 26	10	11
N black matt	0290 005	10	11
stainless steel	0290 600	10	11
bronze	0290 603	10	11
brass	0290 604	10	11
chrome	0290 605	10	11
N Black matt. New product.			

+ Necessary accessories

One of the following articles:



Inserts

Rocker sw. off/2-way 0106 00	→	224
Rocker sw. interm.sw. 0107 00	→	224
Rocker sw. CB 2-p 0102 00	→	224
Rocker sw. CB 3-p 0103 00	→	224
Rock.ind.sw. off/2-way 0116 00	→	224
Rock.ind.sw. CB 2-p 0112 00	→	224
Rocker btn NO con. 0151 00	→	225
Rocker btn 2-way m-c 0156 00	→	225
Rocker btn NO con. + N term. 0150 00	→	225
Rocker btn NO con. s.sig. 0152 00	→	225
Bus coup.btn 1-g 1-point + status LED 0181 00	→	443
Bus coup.btn 1-g 2-point + status LED 0184 00	→	443

+ Optional accessories
Clamp piece screw-in **1401 27** → 90

Specifications Order No. P. unit PS

Rocker with control window and inscription space

cream white glossy	0670 01	1	01
pure white glossy	0670 03	10	01
pure white matt	0670 27	10/100	01
anthracite	0670 28	1	11
colour aluminium	0670 26	1	11
N black matt	0670 005	1	11
N Black matt. New product.			

+ Necessary accessories

See listing at
Rocker ctrl.win. **0290 ..** → 57



+ Optional accessories

In.sheets 51.2 x 7 mm **1455 00** → 231
Clamp piece screw-in **1401 27** → 90

Scope of supply

- Inscription labels with "light", "bell" and "door" symbols are included.

Rocker with control window and symbol

Light

cream white glossy	0674 01	10	01
pure white glossy	0674 03	10/100	01
pure white matt	0674 27	10	01
anthracite	0674 28	10	11
colour aluminium	0674 26	10	11
N black matt	0674 005	10	11
N Black matt. New product.			

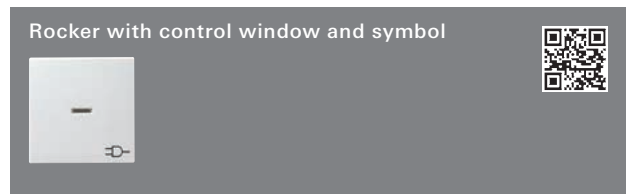
+ Necessary accessories

See listing at
Rocker ctrl.win. **0290 ..** → 57

+ Optional accessories

Clamp piece screw-in **1401 27** → 90

Specifications Order No. P. unit PS

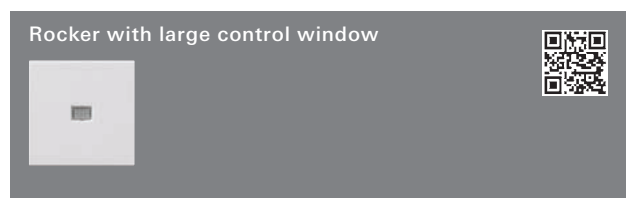


Specifications	Order No.	P. unit	PS
Socket outlet			
cream white glossy	0209 01	1	01
pure white glossy	0209 03	1	01
pure white matt	0209 27	1	01
anthracite	0209 28	1	11
colour aluminium	0209 26	1	11
N black matt	0209 005	1	11
N Black matt. New product.			

+ Necessary accessories
See listing at
Rocker ctrl.win. 0290 .. → 57

+ Optional accessories
Clamp piece screw-in 1401 27 → 90

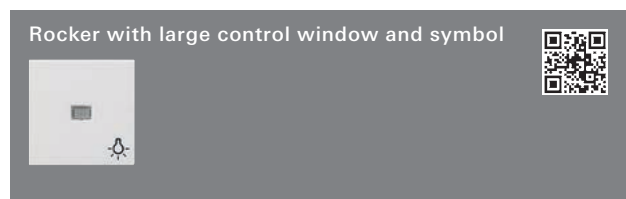
Notes
- For switchable socket outlets.



Specifications	Order No.	P. unit	PS
cream white glossy	0298 01	1/100	01
pure white glossy	0298 03	10	01
pure white matt	0298 27	1	01
anthracite	0298 28	1	11
colour aluminium	0298 26	1	11
N black matt	0298 005	1	11
N Black matt. New product.			

+ Necessary accessories
See listing at
Rocker ctrl.win. 0290 .. → 57

+ Optional accessories
Clamp piece screw-in 1401 27 → 90

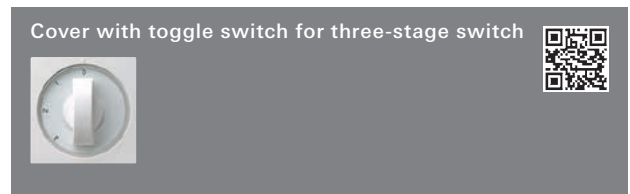


Specifications	Order No.	P. unit	PS
Light			
cream white glossy	0630 01	1	01
pure white glossy	0630 03	1	01
pure white matt	0630 27	1	01
anthracite	0630 28	1	11
colour aluminium	0630 26	1	11
N black matt	0630 005	1	11
N Black matt. New product.			

+ Necessary accessories
See listing at
Rocker ctrl.win. 0290 .. → 57

+ Optional accessories
Clamp piece screw-in 1401 27 → 90

Specifications Order No. P. unit PS



Specifications	Order No.	P. unit	PS
Zero setting			
cream white glossy	0669 01	1	02
pure white glossy	0669 03	1	02
pure white matt	0669 27	1	02
anthracite	0669 28	1	02
colour aluminium	0669 26	1	02
N black matt	0669 005	1	11
N Black matt. New product.			

+ Necessary accessories
3-stage sw. 0/1/2/3 0149 00 → 229

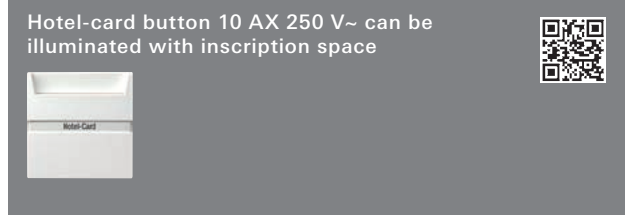


Specifications	Order No.	P. unit	PS
cream white glossy	0638 01	10/100	01
pure white glossy	0638 03	10/100	01
pure white matt	0638 27	10	01
anthracite	0638 28	1	11
colour aluminium	0638 26	1	11
N black matt	0638 005	1	11
N Black matt. New product.			

+ Necessary accessories
One of the following articles:
Pull-cord sw. off/2-way 0146 00 → 226
Pull-cord sw. CB 2-p 0142 00 → 226
Pull-cord btn NO cont. s.sig. 0165 00 → 227

Scope of supply
- Colour-neutral and red lenses included.

Specifications Order No. P. unit PS



2-way momentary-contact, 1-pole

cream white glossy	0140 01	1	01
pure white glossy	0140 03	1/100	01
pure white matt	0140 27	1	01
anthracite	0140 28	1	11
colour aluminium	0140 26	1/100	11
N black matt	0140 005	1	11
stainless steel (lacquered)	0140 600	1	11
bronze	0140 603	1/5	11
brass	0140 604	1/5	11
chrome	0140 605	1/5	11

N Black matt. New product.

+ Optional accessories

In.sheets 62.8 x 6.8 mm	1457 00	→	231
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Neon lamp elements

Neon lamp element 0.35 mA	0995 00	→	229
Neon lamp element 0.8 mA	0996 00	→	229
Neon lamp element 1.5 mA	0997 00	→	229

LED lighting elements

LED light.e. 2.6 mA YE	0497 07	→	229
LED light.e. 0.8 mA BU	0497 08	→	229
LED light.e. 2.6 mA RD	0497 10	→	229
LED light.e. 0.7 mA WH	0497 18	→	229
LED light.e. 24 V RD	0992 00	→	229

- Features**
- Applications of the hotel-card button with disassembly safeguard include performing security and energy-saving functions.
 - When the hotel card is removed, any devices which are still switched on are deactivated.
 - The electric circuit via the push button is only activated when the card has been inserted.

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

- Notes**
- Further versions are available upon request.

- Scope of supply**
- Blank inscription label included.



cream white glossy	1104 01	1	01
pure white glossy	1104 03	1	01
pure white matt	1104 27	1	01
anthracite	1104 28	1	11
colour aluminium	1104 26	1	11
N black matt	1104 005	1	11

N Black matt. New product.

+ Optional accessories

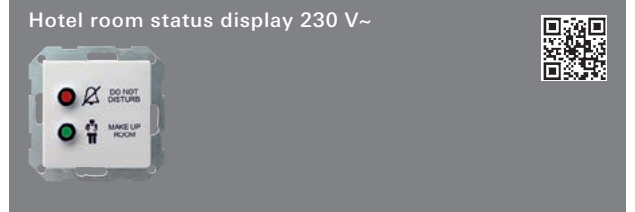
Hotel room status displ.	0297 03	→	76
LED sig.light RD / GN	1171 00	→	76

Specifications Order No. P. unit PS

- Features**
- Switch for hotel room status display "Do not disturb" and "Make up room".
 - With block to prevent both sides from being switched on.
 - Locked both electrically and mechanically.

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2.5 mm ²
- minimum:	1.5 mm ²



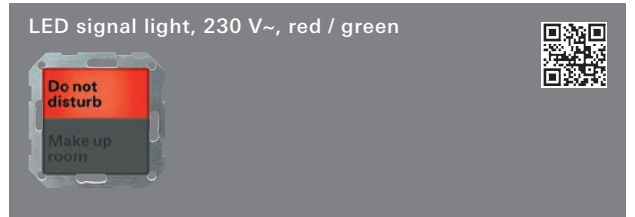
cream white glossy	0297 01	1	01
pure white glossy	0297 03	1	01
pure white matt	0297 27	1	01
anthracite	0297 28	1	11
colour aluminium	0297 26	1	11
N black matt	0297 005	1	11

N Black matt. New product.

+ Optional accessories

Rocker sw. hotel room status displ.	1104 ..	→	59
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Functional description → 317

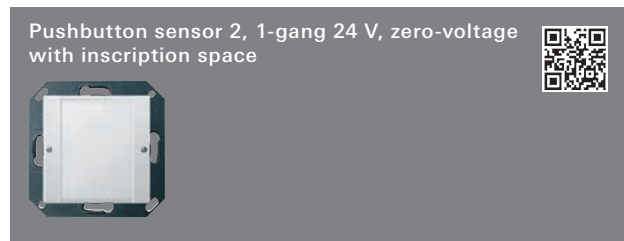


	1171 00	1/100	02
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- + Optional accessories**
- | | | | |
|-------------------------------------|---------|---|----|
| Rocker sw. hotel room status displ. | 1104 .. | → | 59 |
|-------------------------------------|---------|---|----|

Functional description → 317

Specifications	Order No.	P. unit	PS
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clear + pure white glossy	2001 100	1/100	02
stainless steel	2001 600	1	02

+ **Optional accessories**
In.sheets 38 x 54 mm **1090 00** → 232

Features

Pushbutton sensor 2 for connection to 24 V control systems

- Rocker with two red LEDs for status display.
- Disassembly safeguard by screw connection.
- Backlighting.
- Connection of two push buttons, two LEDs and backlighting via terminal block on the rear.

Technical data

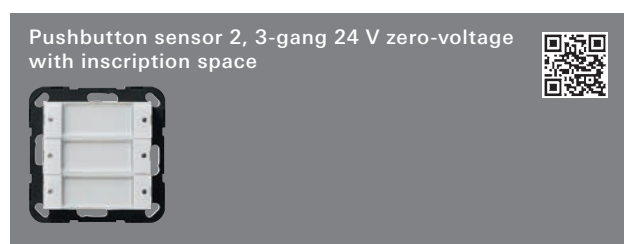
Rated voltage of each button:	AC/DC 24 V SELV
Load capacity of each button:	max. 20 mA
Rated voltage of each LED:	DC 24 V SELV
Load capacity of each LED:	1 mA
Connection:	2 x 9-pole terminal block
Connections:	Ø max. 0.8 mm
Installation depth:	25 mm
Ambient temperature:	-5 °C to +45 °C

Notes

- **Suitable for SELV circuits only.**
- Can also be connected with illumination.
- Professional labelling with the Gira Inscription Service www.marking.gira.com.

Scope of supply

- Blank inscription labels included.



clear + pure white glossy	2003 100	1/100	02
stainless steel	2003 600	1	02

+ **Optional accessories**
In.sheets 38 x 54 mm **1090 00** → 232

Features

Pushbutton sensor 2 for connection to 24 V control systems

- Three rockers with two red LEDs each for status display.
- Disassembly safeguard by screw connection.
- Backlighting.
- Connection of six buttons, six LEDs, and backlighting via the terminal block on the rear.

Specifications	Order No.	P. unit	PS
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Technical data

Rated voltage of each button:	AC/DC 24 V SELV
Load capacity of each button:	max. 20 mA
Rated voltage of each LED:	DC 24 V SELV
Load capacity of each LED:	1 mA
Connection:	2 x 9-pole terminal block
Connections:	Ø max. 0.8 mm
Installation depth:	25 mm
Ambient temperature:	-5 °C to +45 °C

Notes

- **Suitable for SELV circuits only.**
- Can also be connected with illumination.
- Professional labelling with the Gira Inscription Service www.marking.gira.com.

Scope of supply

- Blank inscription labels included.



cream white glossy	2664 01	1	03
pure white glossy	2664 03	1	03
pure white matt	2664 27	1	03
anthracite	2664 28	1	03
colour aluminium	2664 26	1	03
N black matt	2664 005	1	03

N Black matt. New product.

Features

- The RCCB is a permanently installed protective device with voltage-dependent residual current tripping in accordance with VDE0664.
- This device works like an RCD switch.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Rated current:	16 A
Rated residual current:	30 mA
Installation depth:	33 mm.
Connections:	max. 2.5 mm ²
Ambient temperature:	-25 °C to +40 °C

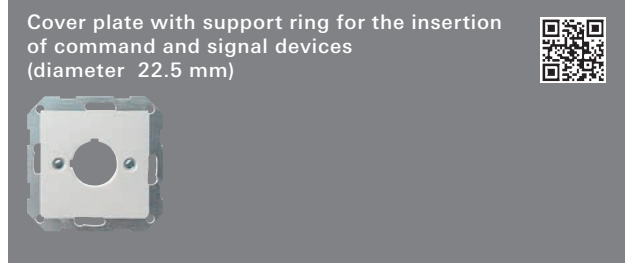
Notes

- Areas of application: Parapet ducts, in front of non-SCHUKO socket outlets, or in Gira energy profile.
- Installation in a deep device box.

More information

Technical information → [i 626](#)

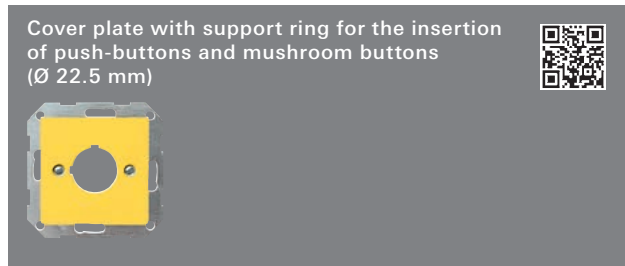
Specifications Order No. P. unit PS



cream white glossy	0272 01	1	01
pure white glossy	0272 03	5	01
pure white matt	0272 27	5	01
anthracite	0272 28	1	11
colour aluminium	0272 26	1	11
N black matt	0272 005	1	11
N Black matt. New product.			

Notes

- For screw mounting only.
- For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, and mushroom buttons, selector switches, and signal lights, e.g. from Lumitas, Rafi, Elan, or Fanal.



yellow glossy	0271 02	1	01
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Features

- For emergency stop or emergency off.

Notes

- For screw mounting only.

Specifications Order No. P. unit PS



red	0288 27	1	01
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+ Necessary accessories

One of the following articles:

Inserts

Rocker sw. off/2-way	0106 00	→	224
Rocker sw. interm.sw.	0107 00	→	224
Rocker sw. CB 2-p	0102 00	→	224
Rock.ind.sw. off/2-way	0116 00	→	224
Rock.ind.sw. CB 2-p	0112 00	→	224
Rocker btn NO con.	0151 00	→	225
Rocker btn NO con. + N term.	0150 00	→	225
Rocker btn NO con. s.sig.	0152 00	→	225

+ Optional accessories

Glass pane	0099 27	→	90
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Features

- This cover plate fits on all flush-mounted rocker switches and rocker buttons.

Technical data

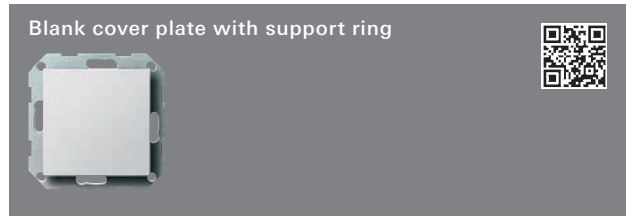
Installation depth:	28 mm
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Notes

- Individual device. Cannot be combined. Design is not compatible with System 55.

Scope of supply

- The "Hausalarm", "Notschalter" and "Rauchabzug" inscription labels are included.



cream white glossy	0268 01	10/100	01
pure white glossy	0268 03	10/100	01
pure white matt	0268 27	10/100	01
anthracite	0268 28	10/100	11
colour aluminium	0268 26	10/100	11
N black matt	0268 005	10	11
stainless steel	0268 600	5	11
bronze	0268 603	5	11
brass	0268 604	5	11
chrome	0268 605	5	11
N Black matt. New product.			

Notes

- For screw mounting only.

Specifications Order No. P. unit PS

Dimming

Cover with button for dimmer and electronic potentiometer



cream white glossy	0650 01	10/100	02
pure white glossy	0650 03	10/100	02
pure white matt	0650 27	10/100	02
anthracite	0650 28	10/100	02
colour aluminium	0650 26	10	02
N black matt	0650 005	10	02
stainless steel	0650 600	1	02
bronze	0650 603	1	02
brass	0650 604	1	02
chrome	0650 605	1	02
N Black matt. New product.			

+ Necessary accessories

S3000 uni.LED rot.dimms.ins. Komfort	2455 00	→	251
S3000 uni.LED rot.dimms.ins. Standard	2450 00	→	250
S3000 rot.aux.ins. 3-wire	2389 00	→	258
LED dimm.ins. 20 - 200 W rot.on/off	0300 00	→	282
Bulb dimm.ins. 100 - 1000 W PB/2-way	1181 00	→	283
Potentiom. ctrl.input 1 - 10 V swit.fct	0309 00	→	284
Potentiom. ctrl.input 1 - 10 V btn fct	0308 00	→	285
DALI potentiom.	2018 00	→	286
DALI potentiom. pow.supply unit	2028 00	→	286
DALI potentiom. Tunable WH	2020 00	→	287
DALI potentiom. Tunable WH pow.supply unit	2030 00	→	287

Cover with knob for speed regulator



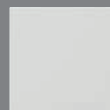
cream white glossy	0652 01	1	02
pure white glossy	0652 03	1	02
pure white matt	0652 27	1	02
anthracite	0652 28	1/1	02
colour aluminium	0652 26	1	02
N black matt	0652 005	1	02
N Black matt. New product.			

+ Necessary accessories

Speed regul. rot.on/off 0.1 - 2.7 A	0314 00	→	229
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Specifications Order No. P. unit PS

N New product.
Replaces 0634 ..., 2324 ..., 2316 ...
System 3000 operating top unit



cream white glossy	5360 01	1	02
pure white glossy	5360 03	1	02
pure white matt	5360 27	1	02
anthracite	5360 28	1	02
colour aluminium	5360 26	1	02
black matt	5360 005	1	02
stainless steel	5360 600	1	02

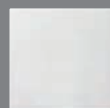
+ Necessary accessories

One of the following articles:

S3000 relay swit.ins.	5403 00	→	248
S3000 electr.swit.ins.	5405 00	→	249
S3000 uni.LED dimm.ins. Standard	5400 00	→	252
S3000 uni.LED dimm.ins. Komfort	5401 00	→	253
S3000 DALI Power ctrl.unit FM ins.	5406 00	→	257
S3000 aux.ins. 2-wire	5408 00	→	257
S3000 aux.ins. 3-wire	5409 00	→	258
S3000 impulse insert	5410 00	→	249
S3000 blind ctrl.ins. w/o aux.inputs	5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs	5414 00	→	325

Functional description → 260

D Discontinued item. Available until 12/2019.
Successor item: System 3000 operating top unit
5360 ...
System 2000 switching/dimming top unit



cream white glossy	2316 01	1/5	02
pure white glossy	2316 03	1/5	02
pure white matt	2316 27	1/5	02
anthracite	2316 28	1/5	02
colour aluminium	2316 26	1/5	02
stainless steel	2316 600	1/5	02
bronze	2316 603	1/5	02
brass	2316 604	1/5	02
chrome	2316 605	1/5	02

+ Necessary accessories

One of the following articles:

Dimming inserts			
S2000 uni.LED dimm.ins. (PB dim.)	2385 00	→	275
S2000 LV dimm.ins. 20 - 500 VA	0331 00	→	276
S2000 ctrl.unit ins.1 - 10 V	0860 00	→	276
Switching inserts			
S2000 Tronic swit.ins.	0866 00	→	277
S2000 Triac swit.ins.	0854 00	→	277
S2000 relay ins.	0853 00	→	278
S2000 relay ins. zero-volt.	1148 00	→	278
S2000 HVAC relay ins.	0303 00	→	278
Staircase light control			
S2000 impulse ins.	0336 00	→	279
Auxiliary insert			
S2000 aux.unit 2-wire	0333 00	→	280

Features



- Top unit with short-stroke button for use with System 2000.
- The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts.

Technical data

Ambient temperature: -20 °C to +45 °C

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Top unit Series dimmer

cream white glossy	2315 01	1/5	02
pure white glossy	2315 03	1/5	02
pure white matt	2315 27	1/5	02
anthracite	2315 28	1/5	02
colour aluminium	2315 26	1/5	02
stainless steel	2315 600	1/5	02
bronze	2315 603	1/5	02
brass	2315 604	1/5	02
chrome	2315 605	1/5	02

+ Necessary accessories
 Uni.series dimm.ins. 2x 50 - 260 W/VA **2263 00** → 282

Features
 - Top unit with short-stroke button for use with the series dimming insert.
 - The top is for switching on and dimming brighter, while the bottom is for switching off and dimming darker.

Technical data
 Ambient temperature: -20 °C to +45 °C

D Discontinued item. Available until 12/2019.
System 2000 touch dimming top unit




cream white glossy	2260 01	1/5	02
pure white glossy	2260 03	1/5	02
pure white matt	2260 27	1/5	02
anthracite	2260 28	1/5	02
colour aluminium	2260 26	1/5	02
stainless steel (lacquered)	2260 600	1/5	02

+ Necessary accessories
 One of the following articles:
 S2000 uni.LED dimm.ins. (PB dim.) **2385 00** → 275
 S2000 LV dimm.ins. 20 - 500 VA **0331 00** → 276
 S2000 ctrl.unit ins.1 - 10 V **0860 00** → 276

Features
 - Dimming top unit for use with System 2000 dimming inserts.
 - Lighting in nine levels is controlled by lightly touching the operating surface, without the movement of mechanical elements.
 - The lower half of the operating surface contains a blue status LED that lights up for orientation as long as the dimmer is switched off.
 - When the operating surface is touched, the dimmer switches to the stored memory value.
 - The upper half of the operating surface is divided into nine adjacent segments.
 - Specifically touching these segment fields can control the lighting directly from the switched-off state or from any other dimming position.
 - Lighting can glide to brighter or darker values by sliding your finger along the operating surface.
 - The approximate dimming position is indicated with five blue LEDs.

Specifications Order No. P. unit PS

eNet wireless switching/dimming top unit,
 1-gang

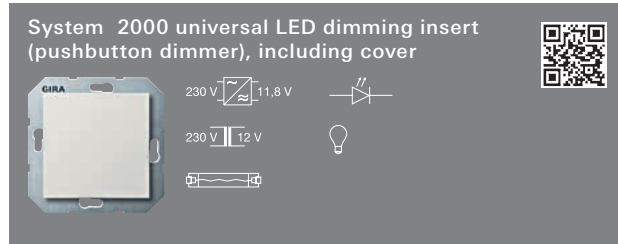



cream white glossy	5490 01	1/5	42
pure white glossy	5490 03	1/5	42
pure white matt	5490 27	1/5	42
anthracite	5490 28	1/5	42
colour aluminium	5490 26	1/5	42
N black matt	5490 005	1	42
stainless steel	5490 600	1/5	42
bronze	5490 603	1/5	42
brass	5490 604	1/5	42
chrome	5490 605	1/5	42

N Black matt. New product.

Functional description → 554

Specifications Order No. P. unit PS



3 – 420 W/VA			
cream white glossy	2385 01	1	02
pure white glossy	2385 03	1	02
pure white matt	2385 27	1	02
anthracite	2385 28	1	02
colour aluminium	2385 26	1	02
stainless steel	2385 600	1	02

+ Optional accessories

Auxiliary unit			
S2000 aux.unit 2-wire 0333 00		→	280
System 2000 auxiliary line, complete with cover		→	34
S2000 aux.unit 3-wire 0335 00		→	281
Power boosters			

Features

- Universal LED dimming insert for switching and dimming of light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Minimum brightness can be set.
- Connecting auxiliary units is possible.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.5 W
Connected load at 25 °C	
- HV LED lamps (leading edge):	typ. 3 to 100 W
- HV LED lamps (trailing edge):	typically 3 to 200 W
- Compact fluorescent lamp:	typ. 3 to 100 W
- Light bulbs:	20 to 420 W
- HV halogen lamps:	20 to 420 W
- Gira tronic transformers:	20 to 420 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- Wound transformer:	20 to 420 VA
- Wound transformer with NV-LED:	typically 20 to 100 VA
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	5
Cable length	
- Auxiliary unit:	max. 100 m
- Load:	max. 100 m
Installation depth: 28 mm	
Connections	
- Single-wire:	max. 4 mm ²
- Fine-wire without ferrule:	max. 4 mm ²
- Fine-wire with ferrule:	max. 2.5 mm ²
Ambient temperature:	+5 °C to +45 °C

Specifications Order No. P. unit PS

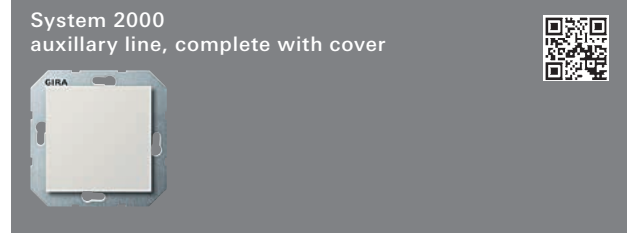
Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- In combination with power boosters, do not hook up HV-LED or compact fluorescent lamps.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information

→ i 638



2-wire

cream white glossy	0333 01	1	02
pure white glossy	0333 03	1	02
pure white matt	0333 27	1	02
anthracite	0333 28	1	02
colour aluminium	0333 26	1	02
N black matt	0333 005	1	02
stainless steel	0333 600	1	02
N Black matt. New product.			

+ Optional accessories

Dimming inserts

S2000 uni.LED dimm.ins. (PB dim.) 2385 00	→	275
System 2000 universal LED dimming insert (pushbutton dimmer), including cover	→	33
Uni.series dimm.ins. 2x 50 - 260 W/VA 2263 00	→	282
S2000 LV dimm.ins. 20 - 500 VA 0331 00	→	276
S2000 ctrl.unit ins.1 - 10 V 0860 00	→	276

Dimmers

Switching inserts

S2000 Tronic swit.ins. 0866 00	→	277
S2000 Triac swit.ins. 0854 00	→	277
S2000 relay ins. 0853 00	→	278
S2000 relay ins. zero-volt. 1148 00	→	278
S2000 HVAC relay ins. 0303 00	→	278

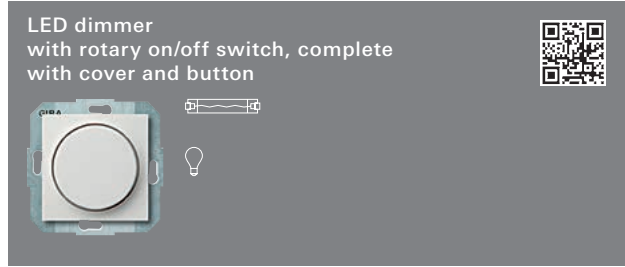
Features

- Auxiliary line in **2-wire** connection technology for designing installations with the function of 2-way and intermediate switching exclusively in conjunction with the System 2000.
- Additional cables are not required for retrofitting.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Installation depth:	29 mm
Ambient temperature:	-20 °C to +45 °C

Specifications Order No. P. unit PS



20 – 200 W			
cream white glossy	0300 01	1	02
pure white glossy	0300 03	1	02
pure white matt	0300 27	1	02
anthracite	0300 28	1	02
colour aluminium	0300 26	1	02
N black matt	0300 005	1	
stainless steel	0300 600	1	02
N Black matt. New product.			

+ **Optional accessories**
 Fuse T 1.6 H 250 V **049727** → 233

- Features**
- Short-circuit protection using micro-fuse.
 - Power extension, e.g. using up to ten LV power boosters.
 - With screw terminals.

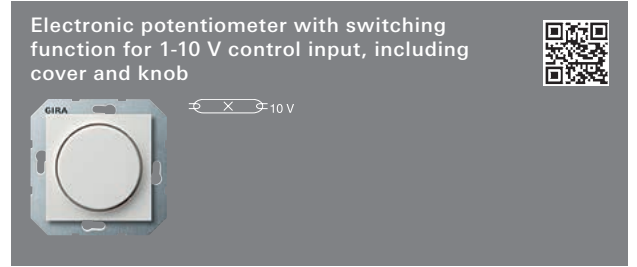
Technical data

Rated voltage:	AC 230 V, 50 Hz
Connected load at 25 °C	
- Light bulbs:	60 to 400 W
- HV halogen lamps:	60 to 400 W
Installation depth:	33 mm.
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 0.5 mm ²
Ambient temperature:	+5 °C to +45 °C

- Notes**
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information
 Technical information → i 647

Specifications Order No. P. unit PS



cream white glossy	0309 01	1	02
pure white glossy	0309 03	1	02
pure white matt	0309 27	1	02
anthracite	0309 28	1	02
colour aluminium	0309 26	1	02
N black matt	0309 005	1	02
stainless steel	0309 600	1	02
N Black matt. New product.			

+ **Optional accessories**
 Fuse F 500 H 250V **049722** → 233

- Features**
- Electronic potentiometer with switching function for electronic ballasts or Tronic transformers with 1 – 10 V control input.
 - Pressing the operating knob switches the electronic ballasts on and off.
 - Rotating adjusts the brightness.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
1 – 10 V interface	
- Control voltage:	0.5 to 10 V
- Control current:	max. 50 mA
Switching current	
- Ohmic:	6 A
- Capacitive:	6 A (70 µF)
Installation depth:	33 mm.
Connections	
- maximum:	4 mm ²
Ambient temperature:	+5 °C to +25 °C

Scope of supply
 - Fuse is included in the scope of supply.

Specifications	Order No.	P. unit	PS
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Socket outlets

Socket outlet British Standard (BS 1363-2)
13 A 250 V~ with shutter



Support ring 71 x 71 mm

cream white glossy	2776 01	10/100	29
pure white glossy	2776 03	10/100	29
anthracite	2776 28	10/100	29
colour aluminium	2776 26	10/100	29
N black matt	2776 005	10	29
stainless steel (lacquered)	2776 600	10	29
N Black matt. New product.			

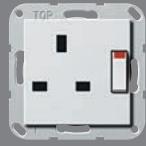
Features

- With screw terminals.
- For screw mounting only.

Technical data

Installation depth:	17 mm
Connections	
- maximum:	2 x 4 mm ²

Socket outlet British Standard (BS 1363-2)
13 A 250 V~ switched, with shutter



Support ring 71 x 71 mm

cream white glossy	2778 01	10/100	29
pure white glossy	2778 03	10/100	29
anthracite	2778 28	10/100	29
colour aluminium	2778 26	10/100	29
N black matt	2778 005	10	29
stainless steel (lacquered)	2778 600	10	29
N Black matt. New product.			

Features

- With screw terminals.
- For screw mounting only.

Technical data

Installation depth:	20 mm
---------------------	-------

Socket outlet British Standard (BS 1363-2)
13 A 250 V~ switched,
with control light and Shutter



Support ring 71 x 71 mm

cream white glossy	2780 01	10/100	29
pure white glossy	2780 03	10/100	29
anthracite	2780 28	10/100	29
colour aluminium	2780 26	10/100	29
N black matt	2780 005	10	29
stainless steel (lacquered)	2780 600	10	29
N Black matt. New product.			

Specifications	Order No.	P. unit	PS
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Features

- With screw terminals.
- For screw mounting only.

Technical data

Installation depth:	20 mm
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Double socket outlet British Standard
(BS 1363-2) 13 A 250 V~ with shutter



Support ring 80 x 132 mm

cream white glossy	2782 01	5/100	29
pure white glossy	2782 03	5/100	29
anthracite	2782 28	5/50	29
colour aluminium	2782 26	5/50	29
N black matt	2782 005	5	11
stainless steel (lacquered)	2782 600	5	29
N Black matt. New product.			

Features

- With screw terminals.
- For screw mounting only.

Technical data

Installation depth:	20 mm
Connections	
- maximum:	2 x 4 mm ² + 2.5 mm ²

Double socket outlet British Standard
(BS 1363-2) 13 A 250 V~ switched, with shutter



Support ring 80 x 132 mm

cream white glossy	2783 01	5/100	29
pure white glossy	2783 03	5/100	29
anthracite	2783 28	5/100	29
colour aluminium	2783 26	5/100	29
N black matt	2783 005	5	11
stainless steel (lacquered)	2783 600	5	29
N Black matt. New product.			

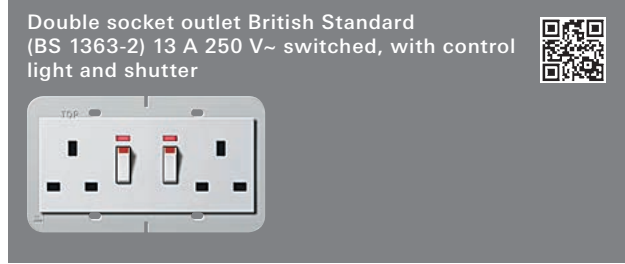
Features

- With screw terminals.
- For screw mounting only.

Technical data

Installation depth:	20 mm
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Specifications Order No. P. unit PS



Support ring 80 x 132 mm

cream white glossy	2784 01	5/100	29
pure white glossy	2784 03	5/100	29
anthracite	2784 28	5/100	29
colour aluminium	2784 26	5/100	29
N black matt	2784 005	5	11
stainless steel (lacquered)	2784 600	1	29
N Black matt. New product.			

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
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Support ring 71 x 71 mm

cream white glossy	2772 01	10	29
pure white glossy	2772 03	10	29
anthracite	2772 28	10	29
colour aluminium	2772 26	10	29
N black matt	2772 005	10	29
stainless steel (lacquered)	2772 600	10	29
N Black matt. New product.			

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
Connections	
- maximum:	2 x 4 mm ²

Specifications Order No. P. unit PS



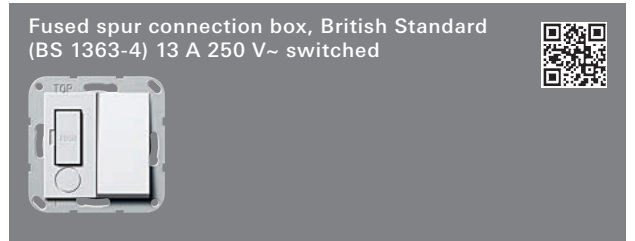
Support ring 71 x 71 mm

cream white glossy	2774 01	10	29
pure white glossy	2774 03	10	29
anthracite	2774 28	10	29
colour aluminium	2774 26	10	29
N black matt	2774 005	10	29
stainless steel (lacquered)	2774 600	10	29
N Black matt. New product.			

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
Connections	
- maximum:	2 x 4 mm ²



Support ring 71 x 71 mm

cream white glossy	2785 01	1/5	29
pure white glossy	2785 03	1/5	29
anthracite	2785 28	1/5	29
colour aluminium	2785 26	1/5	29
N black matt	2785 005	1	29
stainless steel (lacquered)	2785 600	1	29
N Black matt. New product.			



- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	29 mm
Connections	
- maximum:	2 x 2.5 mm ²

Specifications Order No. P. unit PS

N New product.
Fused spur connection box, British Standard (BS 1363-4) 13 A 250 V~ not switched

Support ring 71 x 71 mm			
cream white glossy	2811 01	1	29
pure white glossy	2811 03	1	29
anthracite	2811 28	1	29
colour aluminium	2811 26	1	29
black matt	2811 005	1	29
stainless steel (lacquered)	2811 600	1	29

Features

- With screw terminals.
- For screw mounting only.

Technical data

Installation depth:	29 mm
Connections	
- maximum:	2 x 2.5 mm ²

N New product.
Fused spur connection box, British Standard (BS 1363-4) 13 A 250 V~ switched, with control light




Support ring 71 x 71 mm			
cream white glossy	2787 01	1/5	29
pure white glossy	2787 03	1/5	29
anthracite	2787 28	1/5	29
colour aluminium	2787 26	1/5	29
N black matt	2787 005	1	29
stainless steel (lacquered)	2787 600	1	29
N Black matt. New product.			

Features

- With screw terminals.
- For screw mounting only.

Technical data

Installation depth:	29 mm
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Adapter support ring 80 x 80 mm



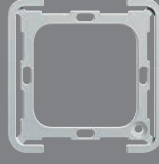


Adapter support ring 80 x 80 mm	2849 00	10	29
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Notes

- For integration of Gira products with support ring 71 x 71 mm.

Specifications Order No. P. unit PS

Adapter support ring 80 x 80 mm without earth terminal

	2850 00	10	29
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Notes

- For integration of Gira products with support ring 71 x 71 mm.

Razor socket outlet (DIN EN 61558 2-5) 115 - 230 V~ for cover frame, 2-gang without crossbar




cream white glossy	2820 01	1	29
pure white glossy	2820 03	1	29
anthracite	2820 28	1	29
colour aluminium	2820 26	1	29
N black matt	2820 005	1	29
stainless steel (lacquered)	2820 600	1	29
N Black matt. New product.			

Flush-mounted device box for razor socket outlet




	2819 00	1	01
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Specifications Order No. P. unit PS



cream white glossy	0480 01	10/100	01
pure white glossy	0480 03	10/100	01
pure white matt	0480 27	10	01
anthracite	0480 28	10	11
colour aluminium	0480 26	1/5	11
N black matt	0480 005	1	11

N Black matt. New product.

Features
- With screw terminals.

Technical data
Installation depth: 31 mm

Notes
- Solely as replacement supply for installations existing before October 1981 in Belgium.



cream white glossy	0485 01	10	01
pure white glossy	0485 03	10/100	01
pure white matt	0485 27	10	01
anthracite	0485 28	10/100	11
colour aluminium	0485 26	10/100	11
N black matt	0485 005	10	11
stainless steel	0485 600	1/5	11
bronze + black	0485 603	1/5	11
bronze + cream white	0485 613	1/5	11
brass + black	0485 604	1/5	11
brass + cream white	0485 614	1/5	11
chrome + black	0485 605	1/5	11
chrome + cream white	0485 615	1/5	11

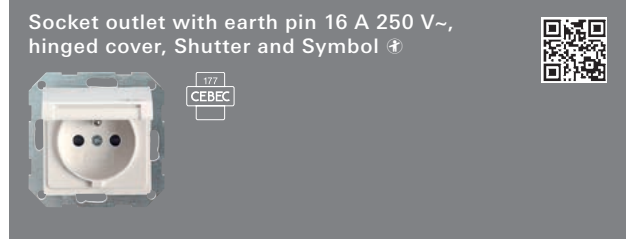
N Black matt. New product.

Features
- With screw terminals.

Technical data
Installation depth: 31 mm

Notes
- Increased contact protection pursuant to IEC 60884-1.

Specifications Order No. P. unit PS



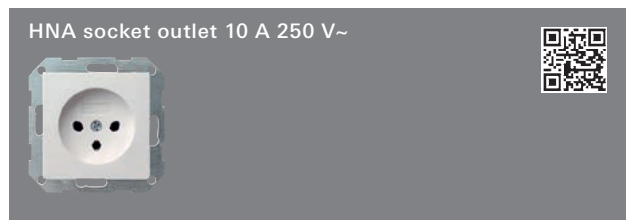
cream white glossy	0488 01	10	01
pure white glossy	0488 03	10	01
pure white matt	0488 27	10	01
anthracite	0488 28	10	11
colour aluminium	0488 26	10	11
N black matt	0488 005	10	11
stainless steel	0488 600	10	11

N Black matt. New product.

Features
- With screw terminals.

Technical data
Installation depth: 31 mm

Notes
- Increased contact protection pursuant to IEC 60884-1.
- In conjunction with the seal kit and frame, 1-gang to 5-gang from the Standard 55 and Gira E2 design lines, socket outlets with earth pin and hinged covers can be installed water-protected in accordance with IP44.




cream white glossy	0479 01	1/5	01
pure white glossy	0479 03	1/5	01
pure white matt	0479 27	1/5	01
anthracite	0479 28	1/5	11
colour aluminium	0479 26	1/5	11
N black matt	0479 005	1	11


N Black matt. New product.

Technical data
Installation depth: 32 mm

Notes
- For screw mounting only.

Specifications Order No. P. unit PS

**Danish socket outlet 16 A 250 V~
107-2-D1, DK 1-1b with Shutter and Symbol** 




cream white glossy	0422 01	1/5	01
pure white glossy	0422 03	1/5	01
pure white matt	0422 27	1/5	01
anthracite	0422 28	1/5	11
colour aluminium	0422 26	1/5	11
N black matt	0422 005	1	11


N Black matt. New product.

Technical data

Installation depth:	31 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes
- Increased contact protection pursuant to IEC 60884-1.

SCHUKO socket outlet 16 A 250 V~ 




Screw terminals


cream white glossy	0180 01	1	01
pure white glossy	0180 03	10	01
pure white matt	0180 27	1/5	01
anthracite	0180 28	1/5	11
colour aluminium	0180 26	1/5	11
N black matt	0180 005	1	11
stainless steel	0180 600	1	11
bronze + black	0180 603	1/5	11
bronze + cream white	0180 613	1/5	11
brass + black	0180 604	1/5	11
brass + cream white	0180 614	1	11
chrome + black	0180 605	1/5	11
chrome + cream white	0180 615	1/5	11

N Black matt. New product.

Technical data

Installation depth:	32 mm
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**SCHUKO socket outlet 16 A 250 V~ with
inscription space, Shutter and Symbol** 



Screw terminals

cream white glossy	2727 01	1/5	01
pure white glossy	2727 03	1/5	01
pure white matt	2727 27	1/5	01
colour aluminium	2727 26	1/5	11
anthracite	2727 28	1/5	11


Technical data


Installation depth:	32 mm
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Notes
- Increased contact protection pursuant to IEC 60884-1.

Specifications Order No. P. unit PS

Scope of supply
- Inscription label "EDV" is included.

**SCHUKO socket outlet 16 A 250 V~ with hinged
cover, shutter and symbol** 



Screw terminals

cream white glossy	2724 01	1/5	01
pure white glossy	2724 03	1/5	01
pure white matt	2724 27	1/5	01
colour aluminium	2724 26	1/5	11
anthracite	2724 28	1/5	11

Technical data

Installation depth:	32 mm
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Notes
- Increased contact protection pursuant to IEC 60884-1.


**SCHUKO socket outlet 16 A 250 V~ with LED
orientation light, Shutter and Symbol** 




Screw terminals

cream white glossy	1170 01	1/5	02
pure white glossy	1170 03	1/5	02
pure white matt	1170 27	1/5	02
anthracite	1170 28	1/5	02
colour aluminium	1170 26	1/5	02
N black matt	1170 005	1	11
stainless steel (lacquered)	1170 600	1/5	11

N Black matt. New product.

Insert for USB power supply, 2-gang 



Outputs

Type A / type A	2359 00	1/5	02
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+ Necessary accessories

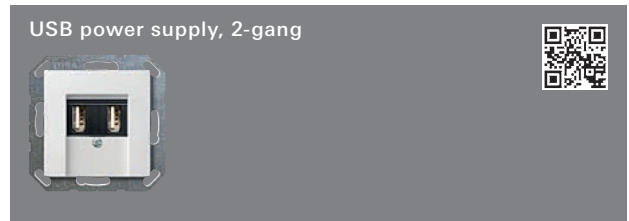
Cov. TAE USB 0276 ..	→	80
Cov. in.sp. TAE USB 0876 ..	→	80

Features
- Power supply with integrated plug connector USB type A.
- Suitable as a charging device, e.g. for mobile telephones and similar devices.
- Simultaneous charging of two devices is possible.

Technical data

Charging current:	3000 mA
Rated voltage	
- Primary:	AC 100 - 240 V, 50/60 Hz
- Secondary:	5 V (± 5%)
Standby:	≤ 0,15 W
Installation depth:	32 mm
Ambient temperature:	+10 °C to +40 °C
Efficiency:	{~>} 75%
Standard-compliant:	DIN EN 60950-1/A2

Specifications	Order No.	P. unit	PS
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cream white glossy	2359 01	1	02
pure white glossy	2359 03	1	02
pure white matt	2359 27	1	02
anthracite	2359 28	1	02
colour aluminium	2359 26	1	02

Features

- Power supply with integrated plug connector USB type A.
- Suitable as a charging device, e.g. for mobile telephones and similar devices.
- Simultaneous charging of two devices is possible.

Technical data

Charging current:	2100 mA
Rated voltage	
- Primary:	AC 100 - 240 V, 50/60 Hz
- Secondary:	5 V
Standby:	≤ 0,3 W
Installation depth:	32 mm
Ambient temperature:	0 °C to +40 °C

Specifications	Order No.	P. unit	PS
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Diecast aluminium	0118 00	1/50	17
Matt stainless steel	0118 20	1/18	17

Features

- Floor empty housing for installing flush-mounted devices with support ring fixing from the fields of installation and communication technology (e.g. socket outlets, socket outlets with full cover plate, TAE connection boxes, etc.).
- To form complete units, the housings can be extended on all sides using connection brackets placed on the rear.

Technical data

Protection type:	IP41		
Dimensions in mm			
- Diecast aluminium:	W 112	H 112	D 61,5
- Matt stainless steel:	W 112	H 112	D 63,9

Notes

- If installed in the floor, it must be ensured that any water which penetrates the area is drained before reaching the pre-moulded area on the bottom.

More information

Technical information

→ ⓘ599

Specifications Order No. P. unit PS

Lighting control

System 3000 motion detector complete with Standard top unit Mounting height up to 1.10 m



cream white glossy	2395 01	1	02
pure white glossy	2395 03	1	02
pure white matt	2395 27	1	02
anthracite	2395 28	1	02
colour aluminium	2395 26	1	02
stainless steel (lacquered)	2395 600		02

+ Optional accessories

One of the following articles:

Rocker btn NO con. 0151 00	→	225
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258

Features

- Automatic switching of lighting, depending on the movement of heat and ambient brightness.
- Expansion of the detection range in combination with the 3-wire auxiliary insert.
- Adjustable brightness threshold.
- Sensitivity adjustable in four steps.
- When connecting a System 3000 auxiliary insert with an operating top unit or mechanical button to the main unit, the lighting can be switched on or dimmed for the duration of the delay time.
- Test run for function testing.
- Operation with neutral conductor connection.

Technical data

Detection angle:	180°
Brightness value	
- adjustable:	approx. 5 to 500 lx
- fixed:	Day mode
Sensitivity:	25, 50, 75, 100%
Protection type:	IP20
Delay time:	approx. 2 min fixed
Mounting height up to 1.10 m	
- Range of detection forwards:	max. 32 m
- Range to each side:	max. 19 m
Ambient temperature:	-20 °C to +45 °C
Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Ohmic switching current:	16 A (AC1)
Connected load at 35 °C	
- HV LED lamps:	typ. 500 W
- Compact fluorescent lamp:	typ. 500 W
- Light bulbs:	2300 W
- HV halogen lamps:	2300 W
- Gira tronic transformers:	1500 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- Wound transformer:	1000 VA
- Fluorescent lamps, uncompensated:	1200 VA
Capacitive load:	920 VA (115 µF)
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073

Notes

- If the ambient temperature is higher than 35 °C, the connected load must be reduced.

Scope of supply

- Clip-on screen to limit the detection range is included in the scope of delivery.

Specifications Order No. P. unit PS

Lighting control



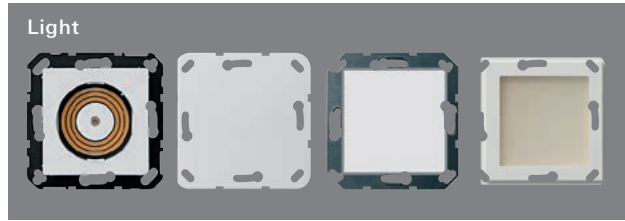
Cross reference

Product range overview and functional description

→ 289

Specifications Order No. P. unit PS

Light



Cross reference
Product range overview and functional description → 311

Specifications Order No. P. unit PS

Time switch

Cover with toggle switch for time switch and blind switch or button 



cream white glossy	0666 01	5	01
pure white glossy	0666 03	5/100	01
pure white matt	0666 27	5/500	01
anthracite	0666 28	5	11
colour aluminium	0666 26	5	11
N black matt	0666 005	5	11
stainless steel	0666 600	1	11


N Black matt. New product.

+ Necessary accessories
One of the following articles:
Time sw. 2-p 15 min **0320 00** → 228
Time sw. 2-p 120 min **0321 00** → 228
Blind btn/sw. group btn/sw. 1-p **0154 00** → 227
Blind btn/sw. group btn/sw. 2-p **0157 00** → 227

Notes
- This cover plate can be used universally by replacing the symbol plates for time (15 to 120 min or 30 to 60 min) and blind (▲, ▼).

Scope of supply
- Symbol plates for time (15 to 120 min or 30 to 60 min) and blind (▲, ▼) are included in the scope of supply.

Cover with toggle switch for timer 



15 minutes

stainless steel	0640 600	1	02
bronze	0640 603	1	02
brass	0640 604	1	02
chrome	0640 605	1	02



N New product.
120 minutes
stainless steel **0642 600** 1 02

+ Necessary accessories
Time sw. 2-p 15 min **0320 00** → 228

Notes
- For screw mounting only.

Specifications Order No. P. unit PS

N New product.
Replaces 0822 ...
System 3000 operating top unit Memory

cream white glossy	5363 01	1	02
pure white glossy	5363 03	1	02
pure white matt	5363 27	1	02
anthracite	5363 28	1	02
colour aluminium	5363 26	1	02
black matt	5363 005	1	02
stainless steel	5363 600	1	02

+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325



+ Optional accessories

S3000 rocker 2-g blank 5369 ..	→	267
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Functional description	→	261
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Specifications Order No. P. unit PS

N New product.
Replaces 1308 .., 1309 .., 0385 ...
System 3000 blind timer and timer BT

cream white glossy	5367 01	1	02
pure white glossy	5367 03	1	02
pure white matt	5367 27	1	02
anthracite	5367 28	1	02
colour aluminium	5367 26	1	02
black matt	5367 005	1	02
stainless steel	5367 600	1	02

+ Necessary accessories

One of the following articles:



S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

+ Optional accessories

S3000 brightn. + temp.sens. BT 5466 02	→	263
S3000 rocker 2-g blank 5369 ..	→	267

Functional description	→	262
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N New product.
Replaces 0841 .., 1175 ...
System 3000 blind timer and timer Display

cream white glossy	5366 01	1	02
pure white glossy	5366 03	1	02
pure white matt	5366 27	1	02
anthracite	5366 28	1	02
colour aluminium	5366 26	1	02
black matt	5366 005	1	02
stainless steel (lacquered)	5366 600	1	02

+ Necessary accessories

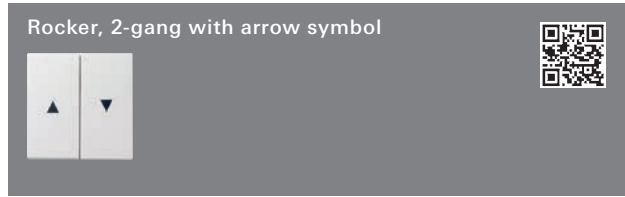
One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

Functional description	→	261
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Specifications	Order No.	P. unit	PS
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Blind controller



cream white glossy	0294 01	10	01
pure white glossy	0294 03	10/100	01
pure white matt	0294 27	10/100	01
anthracite	0294 28	10/100	11
colour aluminium	0294 26	10	11
N black matt	0294 005	10	11
stainless steel	0294 600	10	11
bronze	0294 603	10	11
brass	0294 604	10	11
chrome	0294 605	10	11
N Black matt. New product.			

+ Necessary accessories

One of the following articles:

Blind rocker sw. 0159 00	→	227
Blind rocker btn 0158 00	→	227
Bus coup.btn 2-g 1-point 0182 00	→	444

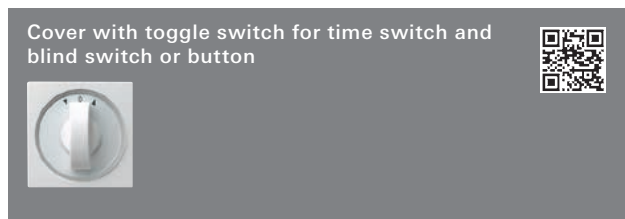


cream white glossy	1150 01	1	01
pure white glossy	1150 03	1	01
pure white matt	1150 27	1	01
anthracite	1150 28	1	11
colour aluminium	1150 26	1	11
N black matt	1150 005	1	11
N Black matt. New product.			

+ Necessary accessories

One of the following articles:

Rocker btn 4-g NO con. 1-p 0147 00	→	226
Bus coup.btn 2-g 2-point 0185 00	→	444



cream white glossy	0666 01	5	01
pure white glossy	0666 03	5/100	01
pure white matt	0666 27	5/500	01
anthracite	0666 28	5	11
colour aluminium	0666 26	5	11
N black matt	0666 005	5	11
N Black matt. New product.			

+ Necessary accessories

One of the following articles:

Blind btn/sw. group btn/sw. 1-p 0154 00	→	227
Blind btn/sw. group btn/sw. 2-p 0157 00	→	227
Time sw. 2-p 15 min 0320 00	→	228
Time sw. 2-p 120 min 0321 00	→	228

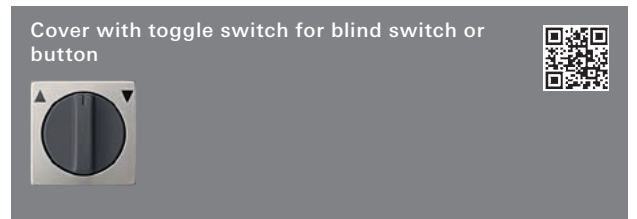
Notes

- This cover plate can be used universally by replacing the accompanying symbol plates for blind and time.

Specifications	Order No.	P. unit	PS
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Scope of supply

- Symbol plates for blind (▲, ▼) and time (15 to 120 min or 30 to 60 min) are included in the scope of supply.

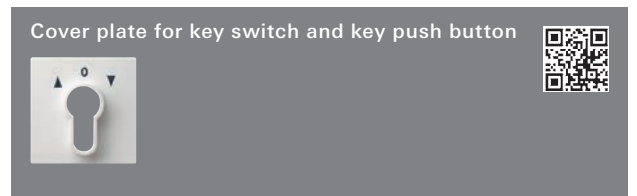


stainless steel	0666 600	1	11
bronze	0666 603	1	11
brass	0666 604	1	11
chrome	0666 605	1	11

+ Necessary accessories

One of the following articles:

Blind btn/sw. group btn/sw. 1-p 0154 00	→	227
Blind btn/sw. group btn/sw. 2-p 0157 00	→	227



cream white glossy	0664 01	1	02
pure white glossy	0664 03	1/5	02
pure white matt	0664 27	1/5	02
anthracite	0664 28	1	02
colour aluminium	0664 26	1	02
N black matt	0664 005	1	11
bronze	0664 603	1	02
brass	0664 604	1	02
chrome	0664 605	1	02
N Black matt. New product.			

+ Necessary accessories

One of the following articles:

Key sw. 2-p 0144 00	→	228
Key btn 1-p 0163 00	→	228

+ Optional accessories

Profile semi-cyl. diff.lock 0001 00	→	233
Profile semi-cyl. id.lock 0002 00	→	233
Profile semi-cyl. VdS class B 0003 00	→	233



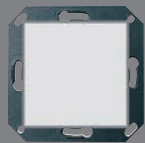
Cross reference

Other components for blind controller as well as the functional description → 319

Specifications Order No. P. unit PS

Orientation lighting

LED orientation light 230 V~, white



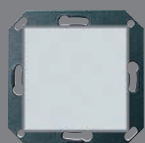
2361 00 1/100 02

+ Optional accessories

In.sheets 51 x 51 mm **2870 ..** → 232

Functional description → 316

LED orientation light 230 V~ RGB



1169 00 1/100 02

+ Optional accessories

Rocker sw./btn 2-way sw./m-c **0139 00** → 226

In.sheets 51 x 51 mm **2870 ..** → 232

Functional description → 316

LED signal light, 230 V~, red / green



1171 00 1/100 02

+ Optional accessories

Rocker sw. hotel room status displ. **1104 ..** → 59

For program-neutral rockers

Blind rocker sw. **0159 00** → 227

In.sheets 51 x 51 mm **2870 ..** → 232

Functional description → 317

Hotel room status display 230 V~



cream white glossy	0297 01	1	01
pure white glossy	0297 03	1	01
pure white matt	0297 27	1	01
anthracite	0297 28	1	11
colour aluminium	0297 26	1	11
N black matt	0297 005	1	11

N Black matt. New product.

+ Optional accessories

Rocker sw. hotel room status displ. **1104 ..** → 59

Functional description → 317

Specifications Order No. P. unit PS

Cover for light signal



cream white glossy	0660 01	1	01
pure white glossy	0660 03	5	01
pure white matt	0660 27	1	01
anthracite	0660 28	1	11
colour aluminium	0660 26	1	11
N black matt	0660 005	1	11

N Black matt. New product.

+ Necessary accessories

One of the following articles:

Light sig. E10 0160 00	→	230
Light sig. 0161 00	→	230

+ Optional accessories

Plug-in cov.cap RD light sig. 0803 20	→	230
Plug-in cov.cap GN light sig. 0801 20	→	230
Plug-in cov.cap YE light sig. 0804 20	→	230
Plug-in cov.cap clear light sig. 0806 20	→	230
Plug-in cov.cap clear info.f. light sig. 0807 20	→	230

Cover Plate with Bayonet Lock for Light Signal



cream white glossy	0659 01	1	01
pure white glossy	0659 03	1	01
pure white matt	0659 27	1	01
anthracite	0659 28	1	11
colour aluminium	0659 26	1	11
N black matt	0659 005	1	11

N Black matt. New product.

+ Necessary accessories

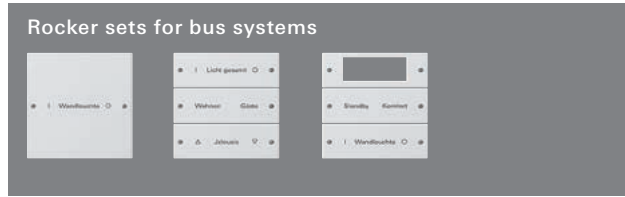
Light sig. 0161 00	→	230
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+ Optional accessories

Cov.cap RD bayonet light sig. 0803 01	→	231
Cov.cap GN bayonet light sig. 0801 01	→	231
Cov.cap YE bayonet light sig. 0804 01	→	231
Cov.cap clear bayonet light sig. 0806 01	→	231

Specifications Order No. P. unit PS

Rocker sets for bus systems



Cross reference
Product range overview and functional description → 437

Wireless transmitter



Cross reference
Gira KNX RF product range overview and functional description → 453
Gira eNet product range overview and functional description → 551
Product range overview and functional description of other wireless systems → 567

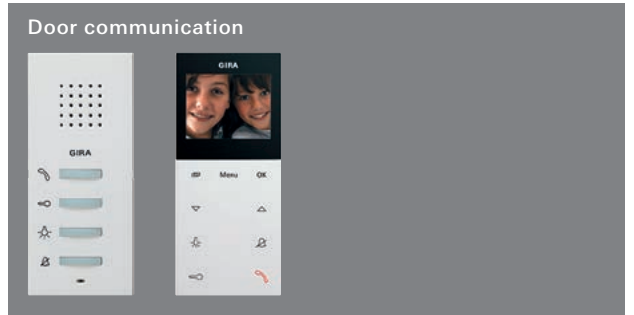
Heating, ventilation, air conditioning



Cross reference
Product range overview and functional description → 331

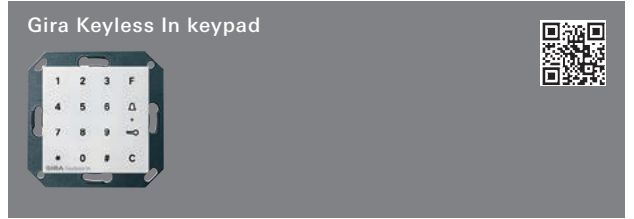
Specifications Order No. P. unit PS

Door communication



Cross reference
Product range overview and functional description → 369

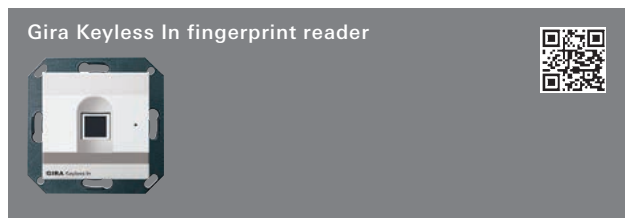
Gira Keyless In



cream white glossy	2605 01	1	10
pure white glossy	2605 03	1/100	10
pure white matt	2605 27	1	10
anthracite	2605 28	1	10
colour aluminium	2605 26	1	10
N black matt	2605 005	1	06

N Black matt. New product.

Functional description → 401



pure white glossy	2617 03	1	10
pure white matt	2617 27	1	10
anthracite	2617 28	1	10
colour aluminium	2617 26	1	10
stainless steel (lacquered)	2617 600	1	10
N black matt	2617 005	1	06

N Black matt. New product.

Functional description → 402

Specifications	Order No.	P. unit	PS
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Communication technology entertainment

Stereo speaker socket outlet



cream white glossy	0402 01	1/5	01
pure white glossy	0402 03	1/5	01
pure white matt	0402 27	1/5	01
anthracite	0402 28	1/5	11
colour aluminium	0402 26	1/5	11
N black matt	0402 005	1	11
N Black matt. New product.			

Features

- With screw terminals.

Technical data

Installation depth:	31 mm
Connection cross section, max.:	1.5 mm ²

Notes

- For cable cross section up to 10 mm².
- Use as an insert for high-end speaker plug connector (WBT) and data cap.

Cover for coaxial antenna socket



cream white glossy	0869 01	10/100	01
pure white glossy	0869 03	10/100	01
pure white matt	0869 27	10/100	01
anthracite	0869 28	10/100	11
colour aluminium	0869 26	10/100	11
N black matt	0869 005	10	11
stainless steel	0869 600	5	11
N Black matt. New product.			

+ Necessary accessories

One of the following articles:

Antenna sock. EDU 04 F 0046 00	→	416
Antenna sock. GEDU 10 0041 00	→	416
Antenna sock. GEDU 15 0042 00	→	417
Antenna sock. FS 302 F 0937 00	→	417

Features

- Third hole can be broken out.

Notes

- For screw mounting only.

Specifications	Order No.	P. unit	PS
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Central plate 4-gang (50 x 50 mm) for coaxial antenna socket, with 2 additional SAT connections



cream white glossy	0258 01	1	01
pure white glossy	0258 03	5/25	01
black	0258 10	1	01

+ Necessary accessories

Adapter fr. square 50 x 50 mm 0282 ..	→	78
--	---	----

Central plate 4-gang (50 x 50 mm) for coaxial antenna socket, with 2 additional SAT connections



cream white glossy	0259 01	5/25	01
pure white glossy	0259 03	5/25	01
black	0259 10	5/25	01

+ Necessary accessories

Adapter fr. square 50 x 50 mm 0282 ..	→	78
--	---	----

Notes

- Suitable for antenna socket, 4-gang GAD 400 from Fuba, SEV 2 from ECG-Elektro, and GUT 400 from Astro.
- Central plate (50 x 50 mm) for coaxial antenna socket, 4-gang with two additional SAT connections for Fuba, ECG-Elektro, Astro. Suitable for antenna socket, 4-gang GAD 400 from Fuba, SEV 2 from ECG-Elektro and GUT 400 from Astro.

Adapter frame with square cut-out for devices with cover (50 x 50 mm)



cream white glossy	0282 01	5/25	01
pure white glossy	0282 03	5/25	01
pure white matt	0282 27	5/25	01
anthracite	0282 28	5/25	11
colour aluminium	0282 26	5/25	11
N black matt	0282 005	5	11
stainless steel (lacquered)	0282 600	5	11
N Black matt. New product.			

+ Optional accessories

Central pl. 4-g 0258 ..	→	78
Central pl. 4-g 0259 ..	→	78

Features

- Devices with a square central plate (50 x 50 mm) from other manufacturers, e. g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ45 shielded, Cat. 5) can be integrated into the design line with the adapter frame and cover frame (1-gang to 5-gang).

Specifications Order No. P. unit PS



Cross reference
 Product range overview and functional description → 409

Specifications Order No. P. unit PS



cream white glossy	0270 01	10	01
pure white glossy	0270 03	10/100	01
pure white matt	0270 27	10/100	01
anthracite	0270 28	10/100	11
colour aluminium	0270 26	10/100	11
N black matt	0270 005	10	11
N Black matt. New product.			

with inscription space			
cream white glossy	0284 01	1	01
pure white glossy	0284 03	10	01
pure white matt	0284 27	10	01
anthracite	0284 28	10	11
colour aluminium	0284 26	5	11
N black matt	0284 005	5	11
stainless steel	0284 600	5	11
N Black matt. New product.			

- + Necessary accessories**
 One of the following articles:
- UAE/IAE (ISDN) connection boxes**
- UAE/IAE conn.box 1 x 8-p ST **0179 00** → 420
 - UAE/IAE conn.box 2 x 8-p ST **0187 00** → 420
 - UAE/IAE conn.box 2 x 8-p 8/8 ST **0190 00** → 421
- Network connection boxes**
- Network conn.box Cat.6_A 1-g **2451 00** → 419
 - Network conn.box Cat.6_A 2-g **2452 00** → 419
 - Network conn.box Cat.6 2-g **0166 00** → 419
 - Network conn.box Cat.5e 1-g **0180 00** → 420
 - Network conn.box Cat.5e 2-g **0178 00** → 420

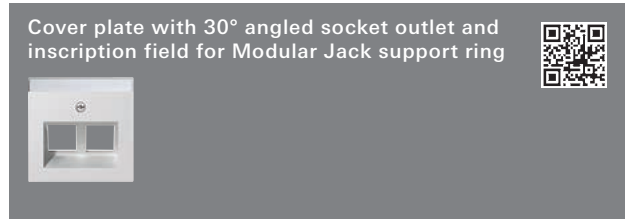
+ Optional accessories
 In.sheets 51.2 x 7 mm **1455 00** → 231

Features
 - Cover plate can be broken out.

Notes
 - Suitable for UAE/IAE (ISDN) connection boxes.

Inserts and covers
System 55

Specifications Order No. P. unit PS



cream white glossy	2640 01	10/100	01
pure white glossy	2640 03	10/100	01
pure white matt	2640 27	10	01
anthracite	2640 28	10/100	11
colour aluminium	2640 26	10/100	11
N black matt	2640 005	10	11
stainless steel	2640 600	10	11

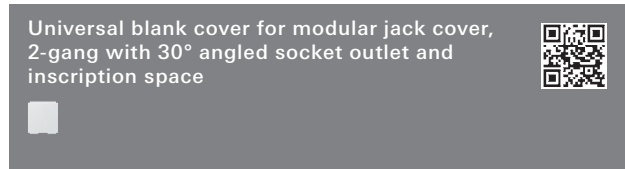
N Black matt. New product.

+ Necessary accessories
One of the following articles:

Modular jack support ring			
MJ-01 2-g 5601 00	→	419	
MJ-02 2-g 5602 00	→	419	
MJ-03 2-g 5603 00	→	419	
MJ-04 2-g 5604 00	→	419	
MJ-05 2-g 5605 00	→	419	
MJ-06 2-g 5606 00	→	419	
MJ-07 2-g 5607 00	→	419	
MJ-08 2-g 5608 00	→	419	
MJ-09 2-g 5609 00	→	419	
MJ-10 2-g 5610 00	→	419	

+ Optional accessories			
In.sheets 51.2 x 7 mm 1455 00	→	231	
Uni.blank cov.pl. cov. MJ 2-g 30° + in.sp. 2645 ..	→	80	

Scope of supply
- Blank inscription label included.



cream white glossy	2645 01	10	01
pure white glossy	2645 03	10	01
anthracite	2645 28	10	11
colour aluminium	2645 26	10	11
black matt	2645 005	1	11

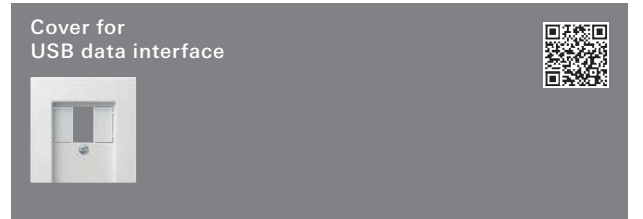
+ Necessary accessories			
Cov. 30° + in.sp. f. sup.ring MJ 2-g 2640 ..	→	80	



Cross reference			
Product range overview and functional description	→	417	

Specifications Order No. P. unit PS

Communication technology telecommunications



cream white glossy	0276 01	5	01
pure white glossy	0276 03	10/100	01
pure white matt	0276 27	10/100	01
anthracite	0276 28	10	11
colour aluminium	0276 26	5	11
N black matt	0276 005	5	11

N Black matt. New product.

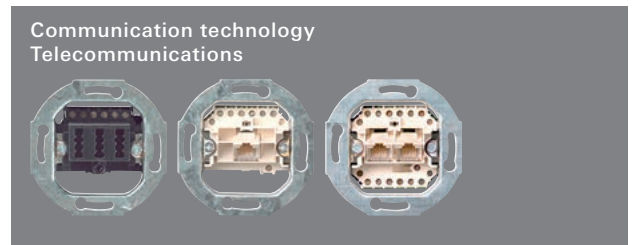
with inscription space			
cream white glossy	0876 01	1	01
pure white glossy	0876 03	1	01
pure white matt	0876 27	1	01
anthracite	0876 28	1	11
colour aluminium	0876 26	1	11
N black matt	0876 005	1	11
stainless steel	0876 600	1	11

N Black matt. New product.

+ Necessary accessories			
USB data I/F FM 1070 00	→	515	

+ Optional accessories			
In.sheets 51.2 x 7 mm 1455 00	→	231	

Notes
- Suitable for USB power supply.
- Suitable for USB data interface.



Cross reference			
Product range overview and functional description	→	420	

Specifications Order No. P. unit PS

Communication technology accessories



cream white glossy	2648 01	5/25	01
pure white glossy	2648 03	5/25	01
black matt	2648 10	5/25	01

- + Necessary accessories**
One of the following articles:
- Inserts entertainment**
 - Entertainment → 409
 - Inserts network technology**
 - Network technology → 417
 - Inserts, accessories**
 - Accessories → 421



cream white glossy	2658 01	1/5	01
pure white glossy	2658 03	1/5	01
pure white matt	2658 27	1/5	01
anthracite	2658 28	1/5	11
colour aluminium	2658 26	1/5	11
N black matt	2658 005	1	11
N Black matt. New product.			

- + Necessary accessories**
One of the following articles:
- Inserts entertainment**
 - Entertainment → 409
 - Inserts network technology**
 - Network technology → 417
 - Inserts, accessories**
 - Accessories → 421

Specifications Order No. P. unit PS



cream white glossy	0870 01	1	01
pure white glossy	0870 03	1/100	01
pure white matt	0870 27	1/100	01
anthracite	0870 28	1	11
colour aluminium	0870 26	1	11
N black matt	0870 005	1	11
N Black matt. New product.			



- + Necessary accessories**
One of the following articles:
- Slide-ins entertainment**
 - Ins.data cap 2-g **0055 00** → 423
 - Ins.data cap 2-g **0092 00** → 423
 - Ins. data cap high-end WBT **0091 00** → 423
 - Slide-ins network technology**
 - Ins.data cap D-sub **0050 00** → 423
 - Ins.data cap 1-g **0052 00** → 424
 - Ins.data cap 2-g **0053 00** → 424
 - Ins.data cap 2-g **0039 00** → 424
 - Ins.data cap 2-g **0058 00** → 424
 - Ins.data cap 2-g **0047 00** → 424
 - Ins.data cap 1-g **0059 00** → 424
 - Ins.data cap 2-g **0089 00** → 425
 - Accessories**
 - Uni.ins.data cap adapter set **0049 00** → 423
 - Blank ins. data cap **0048 00** → 422
- + Optional accessories**
- In.sheets 62.8 x 6.8 mm **1457 00** → 231

Notes
- For screw mounting only.
- For vertical and 30° angled outlet.

More information
Technical information → ⓘ 600

Specifications Order No. P. unit PS

Plug-in cover cap with adapter frame for devices with cover plate (50 x 50 mm) and angled socket outlet

cream white glossy	0682 01	1	01
pure white glossy	0682 03	1	01
pure white matt	0682 27	1	01
anthracite	0682 28	1	11
colour aluminium	0682 26	1	11
N black matt	0682 005	1	11

N Black matt. New product.

+ **Optional accessories**
In.sheets 62.8 x 6.8 mm **1457 00** → 231



Features

- With this cover cap and frame (1-gang to 5-gang), devices with a square central plate (50 x 50 mm) from other manufacturers, e.g. Alcatel, AMP Econo Link System, Brand-Rex, METZ CONNECT (BTR), Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ45 connection box Cat.5 BICC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante, Panduit (2-gang MSCSP 2) can be integrated into the design line.

Scope of supply

- Support ring is **not** included in the scope of supply.

Adapter frame with square cut-out for devices with cover (50 x 50 mm)

cream white glossy	0282 01	5/25	01
pure white glossy	0282 03	5/25	01
pure white matt	0282 27	5/25	01
anthracite	0282 28	5/25	11
colour aluminium	0282 26	5/25	11
N black matt	0282 005	5	11
stainless steel (lacquered)	0282 600	5	11

N Black matt. New product.



+ **Optional accessories**
Central pl. 4-g **0258 ..** → 78
Central pl. 4-g **0259 ..** → 78

Features

- Devices with a square central plate (50 x 50 mm) from other manufacturers, e. g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ45 shielded, Cat. 5) can be integrated into the design line with the adapter frame and cover frame (1-gang to 5-gang).

Specifications Order No. P. unit PS

Adapter frame with round cut-out for devices with cover (50 x 50 mm)

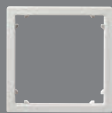

cream white glossy	0281 01	5/25	01
pure white glossy	0281 03	5/25	01
pure white matt	0281 27	5/25	01
anthracite	0281 28	5/25	11
colour aluminium	0281 26	5/25	11
N black matt	0281 005	5	11

N Black matt. New product.

Features

- Devices of other manufacturers with square central plates can be integrated in the switch range with this adapter frame and frame (1 to 5-gang).

Adapter frame with square cut-out for devices with cover (45 x 45 mm)



cream white glossy	0283 01	5/25	01
pure white glossy	0283 03	5/25	01
pure white matt	0283 27	5/25	01
anthracite	0283 28	5/25	11
colour aluminium	0283 26	5/25	11
N black matt	0283 005	5	11

N Black matt. New product.

Features

- Devices with square central plates, e.g. for Alcatel data communication, from other manufacturers can be integrated into the System 55 with this intermediate plate and frame (1 to 5-gang).

Cover for cable branch and telecommunications connector socket

cream white glossy	0274 01	5	01
pure white glossy	0274 03	10/100	01
pure white matt	0274 27	10	01
anthracite	0274 28	10	11
colour aluminium	0274 26	5	11
N black matt	0274 005	5	11
stainless steel	0274 600	5	11

N Black matt. New product.

+ Necessary accessories

Cab.branch 5-p **0400 00** → 233

Notes

- Fits all common telecommunications connector sockets.

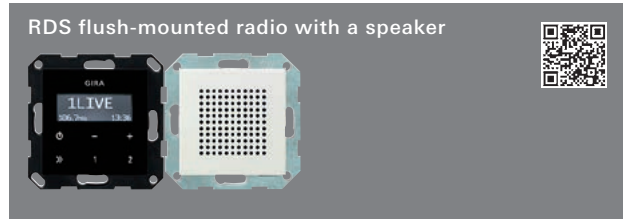
Specifications	Order No.	P. unit	PS
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Cross reference
Product range overview and functional description → 421

Specifications	Order No.	P. unit	PS
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Audio systems



Operating top unit in black glass appearance

cream white glossy	2280 01	1/100	03
pure white glossy	2280 03	1/100	03
pure white matt	2280 27	1/100	03
anthracite	2280 28	1/100	03
colour aluminium	2280 26	1/100	03
Black glass appearance	2280 05	1/100	03
N black matt	2280 005	1	03
stainless steel	2280 600	1	03

N Black matt. New product.

Operating top unit in black glass appearance, including cover frame Gira E2

pure white glossy	0495 72	1/100	03
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+ Optional accessories

Speaker RDS FM radio 2282 ..	→	84
Docking st. 2281 00	→	85

Inserts Phono

Entertainment	→	409
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- Features**
- FM radio with RDS display for flush-mounted installation.
 - The RDS flush-mounted radio consists of a radio insert with operating top unit and speaker insert with cover.
 - The radio insert is compactly mounted in a flush-mounted insert and can therefore be installed in a single device box.
 - The speaker can be installed in combination with the radio insert or offset in a device box. Two loudspeakers can be connected to the radio insert.
 - The radio automatically detects connected speakers and switches between stereo and mono mode.
 - With a corresponding RDS signal, the display of the operating top unit shows the station name, the transmission frequency and the time.
 - Operation of the radio is using the capacitive buttons of the operating top unit. Operation only requires a light touching of the symbols.
 - The RDS flush-mounted radio has two station presets, upon each of which a station setting can simply be saved and called up with the button actuation.
 - For example, the radio can be switched on via the auxiliary input with a light switch or automatic control switch together with the room lighting.
 - External audio sources, for example an MP3 player, can be connected to the radio via the stereo AUX input of the radio. For connection to the external audio source, an additional phono insert is required which is connected to the AUX terminals of the radio insert.
 - The docking station insert is connected directly to the stereo AUX input for music playback.
 - In sleep mode the radio switches off automatically 30 minutes after switching on.

Specifications	Order No.	P. unit	PS
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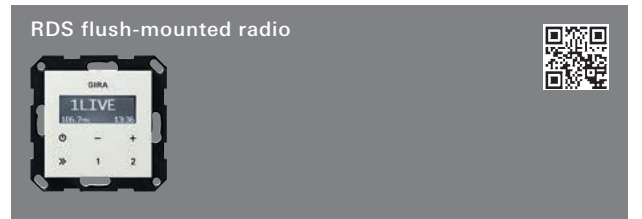
Technical data

Frequency range:	87.50 to 107.90 MHz
Rated voltage:	AC 230 V
Connection:	Screw terminals
Installation depth:	32 mm
Connections	
- Mains connection:	2.5 mm ²
- Speaker/AUX connection:	1.5 mm ²
Ambient temperature:	-5 °C to +50 °C

- Notes**
- Reception interference can result in combination with additional electronic devices under one cover plate.

More information

Technical information	→	624
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cream white glossy	2284 01	1/100	03
pure white glossy	2284 03	1/100	03
colour aluminium	2284 26	1/100	03
Black glass appearance	2284 05	1/100	03

+ Necessary accessories

Speaker RDS FM radio 2282 ..	→	84
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+ Optional accessories

Docking st. 2281 00	→	85
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Inserts Phono

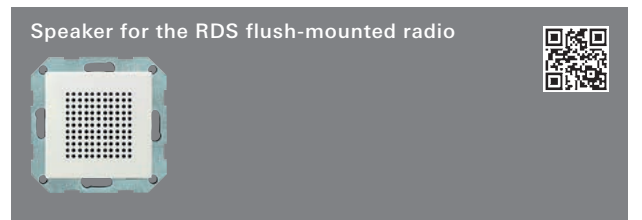
Entertainment	→	409
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Technical data

Frequency range:	87.50 to 107.90 MHz
Rated voltage:	AC 230 V
Connection:	Screw terminals
Installation depth:	32 mm
Connections	
- Mains connection:	2.5 mm ²
- Speaker/AUX connection:	1.5 mm ²
Ambient temperature:	-5 °C to +50 °C

More information

Technical information	→	624
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cream white glossy	2282 01	1	03
pure white glossy	2282 03	1/100	03
pure white matt	2282 27	1	03
anthracite	2282 28	1	03
colour aluminium	2282 26	1	03
Black glass appearance	2282 05	1	03
N black matt	2282 005	1	11
stainless steel	2282 600	1	03

N Black matt. New product.

+ Necessary accessories

One of the following articles:

RDS FM radio speaker 2280 ..	→	84
FM radio RDS speaker + fr. E2 0495 72	→	84
RDS FM radio w/o speaker 2284 ..	→	84

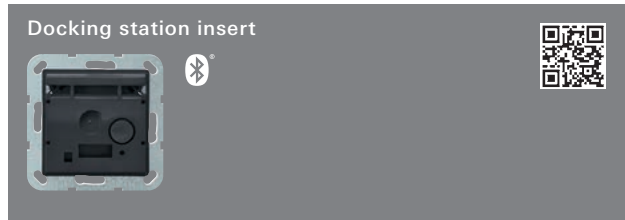
Specifications	Order No.	P. unit	PS
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Features

- Speaker for connection to the Gira RDS flush-mounted radio.

Technical data

Installation depth:	32 mm
Connections	
- Speaker/AUX connection:	1.5 mm ²
Ambient temperature:	-5 °C to +50 °C



2281 00	1	03
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+ Necessary accessories

One of the following articles:

Top Apple Lightning dock.st. 2287 ..	→	85
Top USB Micro-B docking st. 2285 ..	→	85
Blank cov.pl. dock.st. 2288 ..	→	86

+ Optional accessories

RDS FM radio speaker 2280 ..	→	84
FM radio RDS speaker + fr. E2 0495 72	→	84
RDS FM radio w/o speaker 2284 ..	→	84

Features

- The docking station is used to play music via the RDS flush-mounted radio or a stereo system and to charge the rechargeable batteries of smart phones and MP3 players.
- The device electronics are compactly located in a flush-mounted insert, meaning it can be installed in individual device boxes, e.g. in combination with the RDS flush-mounted radio.
- However, installation does not necessarily have to be within a frame for combinations. Detached positioning is also possible.
- The AUX output is used to connect to the RDS flush-mounted radio to play music.
- External music devices (smartphone, tablet PC, MP3 player) can be coupled for music playback via the integrated Bluetooth interface.
- With corresponding top units, the docking station can be used as a universal charging device for various smartphones and MP3 players. This enables music playback during charging.
- Because the top units can be easily exchanged so easily, the docking station can be used to charge smartphones with various charger interfaces.
- The docking station can also be used exclusively as a charging station.

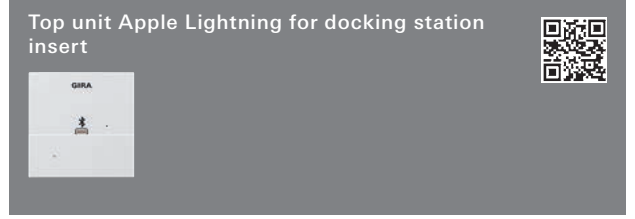
Technical data

Rated voltage:	AC 230 V, 50 to 60 Hz
Maximum charging current:	1000 mA
Charging voltage:	DC 5 V
Standby:	< 0.3 W
Cable length of AUX connection:	max. 3 m
Number of Bluetooth connections:	max. 8
Installation depth:	32 mm
Ambient temperature:	-5 °C to +45 °C

More information

Technical information	→	î 625
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Specifications	Order No.	P. unit	PS
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cream white glossy	2287 01	1	03
pure white glossy	2287 03	1	03
pure white matt	2287 27	1	03
anthracite	2287 28	1	03
colour aluminium	2287 26	1	03
Black glass appearance	2287 05	1	03
N black matt	2287 005	1	03
stainless steel	2287 600	1	03
N Black matt. New product.			

+ Necessary accessories

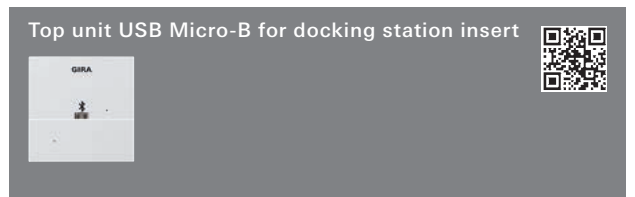
Docking st. 2281 00	→	85
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+ Optional accessories

Integration in the Gira F100 design line

Notes

- Can only be used in connection with docking station insert!
- Suitable for the following Apple products: iPod touch® (from Version 5), iPod nano® (from Version 7), and iPhone® (from Version 5)
- iPod touch®, iPod nano® and iPhone® are registered trademarks of Apple Computer, Inc.



cream white glossy	2285 01	1	03
pure white glossy	2285 03	1	03
pure white matt	2285 27	1	03
anthracite	2285 28	1	03
colour aluminium	2285 26	1	03
Black glass appearance	2285 05	1	03
N black matt	2285 005	1	03
stainless steel	2285 600	1	03
N Black matt. New product.			

+ Necessary accessories

Docking st. 2281 00	→	85
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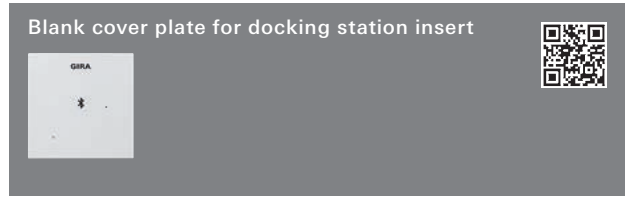
+ Optional accessories

Integration in the Gira F100 design line

Notes

- Can only be used in connection with docking station insert!
- Suitable for smartphones and MP3 players with a USB Micro-B connection.
- The wide plug area is located on the wall side. Depending on the manufacturer, the position of the USB Micro-B connection varies, which may result in the corresponding end device being inserted in an "atypical" manner. Inform yourself regarding the insertion position of your smartphone/MP3 player in advance.
- Charging the eNet wireless hand-held transmitter Multi is possible.

Specifications Order No. P. unit PS

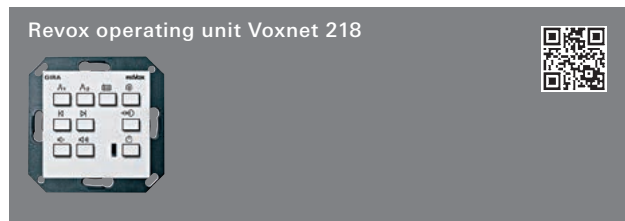


cream white glossy	2288 01	1	03
pure white glossy	2288 03	1	03
pure white matt	2288 27	1	03
anthracite	2288 28	1	03
colour aluminium	2288 26	1	03
black glass appearance	2288 05	1	03
N black matt	2288 005	1	03
stainless steel	2288 600	1	03
N Black matt. New product.			

+ Necessary accessories
Docking st. **2281 00** → 85

+ Optional accessories
Integration in the Gira F100 design line

- Notes**
- Can only be used in connection with docking station insert!
 - The blank cover plate is used when music playback via Bluetooth is used exclusively (without charging).



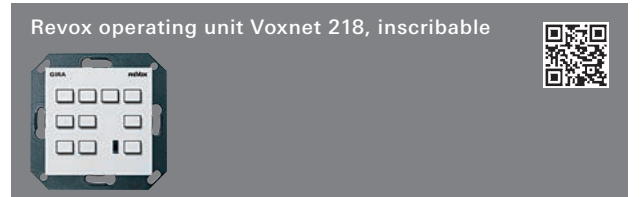
cream white glossy	2228 01	1	06
pure white glossy	2228 03	1	06
pure white matt	2228 27	1	06
anthracite	2228 28	1	06
colour aluminium	2228 26	1	06
N black matt	2228 005	1	06
N Black matt. New product.			

- Features**
- For connection to a Voxnet 219 amplifier.
 - At the push of a button, it is possible to select a user or a source, so the music will be played in the required room or even in several rooms.
 - Each button in the Voxnet Configurator can be assigned individual functions. It is possible to differentiate between short and long button presses.

Technical data

Current consumption:	17 mA
Connection	
- Screw-type plug-in connector:	3 x 0.15 to 1 mm ²
Cable length	
- to Revox Multiroom amplifier Voxnet 219:	max. 100 m
Parallel operation:	max. 2 operating units
Installation depth:	25 mm
Ambient temperature:	-5 °C to +45 °C

Specifications Order No. P. unit PS



cream white glossy (lacquered)	2238 01	1	06
pure white glossy (lacquered)	2238 03	1	06
pure white matt (lacquered)	2238 27	1	06
anthracite (lacquered)	2238 28	1	06
colour aluminium (lacquered)	2238 26	1	06

- Features**
- For connection to a Voxnet 219 amplifier.
 - At the push of a button, it is possible to select a user or a source, so the music will be played in the required room or even in several rooms.
 - Each button in the Voxnet Configurator can be assigned individual functions. It is possible to differentiate between short and long button presses.
 - The four buttons for the user and the button for the source can be freely labelled.

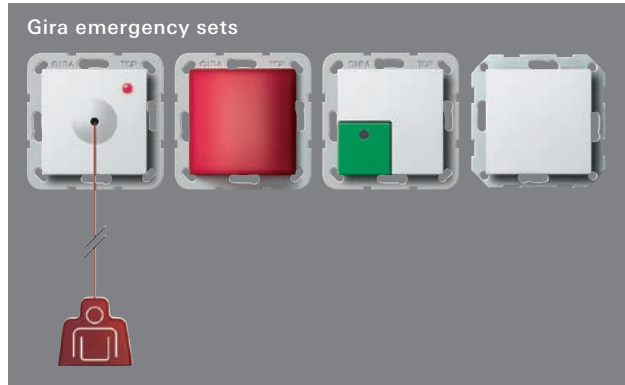
Technical data

Current consumption:	17 mA
Connection	
- Screw-type plug-in connector:	3 x 0.15 to 1 mm ²
Cable length	
- to Revox Multiroom amplifier Voxnet 219:	max. 100 m
Parallel operation:	max. 2 operating units
Installation depth:	25 mm
Ambient temperature:	-5 °C to +45 °C

- Notes**
- This product can **only** be ordered via the Gira Inscription Service.
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.

Specifications Order No. P. unit PS

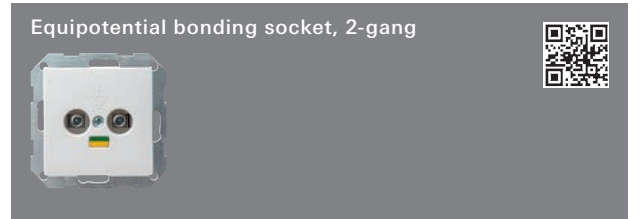
Emergency sets



Cross reference
 Product range overview and functional description → 589

Specifications Order No. P. unit PS

Hospital Installation



cream white glossy	0405 01	1/5	01
pure white glossy	0405 03	1/5	01
pure white matt	0405 27	1/5	01
anthracite	0405 28	1/5	11
colour aluminium	0405 26	1/5	11
N black matt	0405 005	1	11
N Black matt. New product.			

+ Optional accessories
 Angled sock.plug **044757** → 87

Features
 - For the connection of medical devices. DIN 42 801.

Technical data
 Installation depth: 31 mm
 Connections: 6 to 10 mm²



For lines up to 6 mm ²	044757	5/25	01
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+ Optional accessories
 Equipot.bond.sock. 2-g **0405 ..** → 87

Scope of supply
 - A yellow insulating sleeve is included in the scope of supply.

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Protective circuits



cream white glossy	2664 01	1	03
pure white glossy	2664 03	1	03
pure white matt	2664 27	1	03
anthracite	2664 28	1	03
colour aluminium	2664 26	1	03
N black matt	2664 005	1	03
N Black matt. New product.			

Features

- The RCCB is a permanently installed protective device with voltage-dependent residual current tripping in accordance with VDE0664.
- This device works like an RCD switch.

Technical data

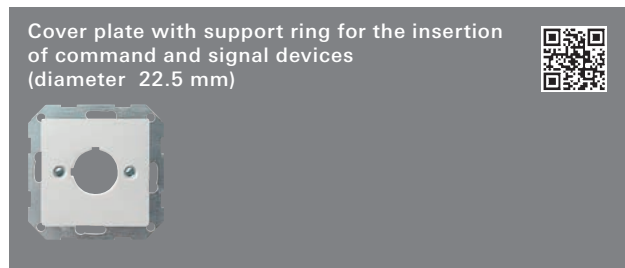
Rated voltage:	AC 230 V, 50/60 Hz
Rated current:	16 A
Rated residual current:	30 mA
Installation depth:	33 mm.
Connections:	max. 2.5 mm ²
Ambient temperature:	-25 °C to +40 °C

Notes

- Areas of application: Parapet ducts, in front of non-SCHUKO socket outlets, or in Gira energy profile.
- Installation in a deep device box.

More information

Technical information → ⓘ 626



cream white glossy	0272 01	1	01
pure white glossy	0272 03	5	01
pure white matt	0272 27	5	01
anthracite	0272 28	1	11
colour aluminium	0272 26	1	11
N black matt	0272 005	1	11
N Black matt. New product.			

Notes

- For screw mounting only.
- For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, and mushroom buttons, selector switches, and signal lights, e.g. from Lumitas, Rafi, Elan, or Fanal.

Specifications	Order No.	P. unit	PS
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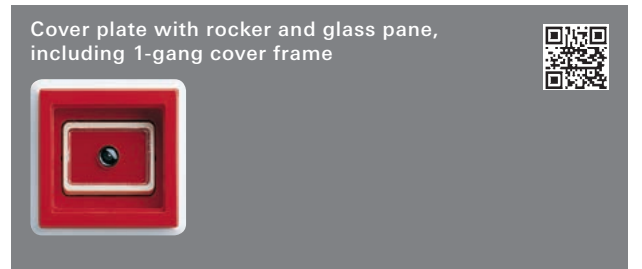
yellow glossy	0271 02	1	01
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Features

- For emergency stop or emergency off.

Notes

- For screw mounting only.



red	0288 27	1	01
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+ Necessary accessories

One of the following articles:

Rocker sw. off/2-way 0106 00	→	224
Rocker sw. interm.sw. 0107 00	→	224
Rocker sw. CB 2-p 0102 00	→	224
Rock.ind.sw. off/2-way 0116 00	→	224
Rock.ind.sw. CB 2-p 0112 00	→	224
Rocker btn NO con. 0151 00	→	225
Rocker btn NO con. + N term. 0150 00	→	225
Rocker btn NO con. s.sig. 0152 00	→	225

+ Optional accessories

Glass pane 0099 27	→	90
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Features

- This cover plate fits on all flush-mounted rocker switches and rocker buttons.

Technical data

Installation depth:	28 mm
---------------------	-------

Notes

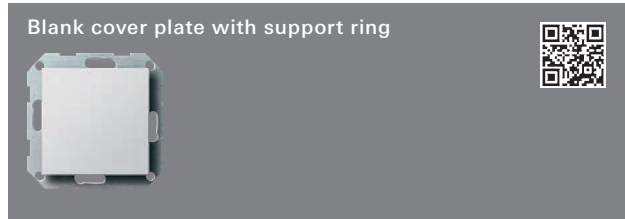
- Individual device. Cannot be combined. Design is not compatible with System 55.

Scope of supply

- The "Hausalarm", "Notschalter" and "Rauchabzug" inscription labels are included.

Specifications Order No. P. unit PS

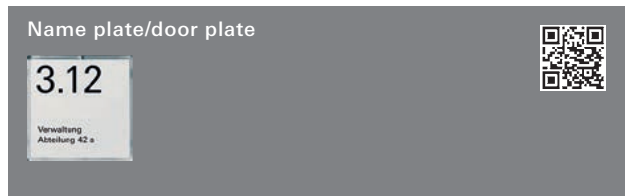
Accessories



cream white glossy	0268 01	10/100	01
pure white glossy	0268 03	10/100	01
pure white matt	0268 27	10/100	01
anthracite	0268 28	10/100	11
colour aluminium	0268 26	10/100	11
N black matt	0268 005	10	11
stainless steel	0268 600	5	11
bronze	0268 603	5	11
brass	0268 604	5	11
chrome	0268 605	5	11
N Black matt. New product.			

Notes

- For screw mounting only.



1-gang			
pure white	1071 00	1	01

+ Optional accessories

Mount.pl. 1-g name/door pl. E2 1081 ..	→	90
Mount.pl. 1-g name/door pl. Event 1083 ..	→	90
In.sheets name/door pl. 1085 00	→	90

Features

- Name plate/door plate for rooms.
- Consisting of a base plate and a transparent, plug-in cover.
- Simple replacement of the label carrier.

Two mounting options

- Fastening:
The base plate of the name plate/door plate is mounted to the wall with the included screws/wall plugs.
- Adhesion:
The base plate is attached to smooth surfaces, e.g. coated doors, with the accompanying sticky points.

Technical data

Dimensions in mm	W 51	H 51
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Notes

- For mounting on glass surfaces, use the mounting plate that is available separately. The mounting plate allows for a clean-looking closure on the back of the surface.
- Suitable for frames from the Standard 55, Event, E2, or E22 design lines.
- The inscription sheets can be printed using any conventional printer.

Specifications Order No. P. unit PS



2-gang			
pure white	1072 00	5	01

+ Necessary accessories

One of the following articles:

Cov.fr. 2-g w/o cb 1002 ..		
- Standard 55	→	96
- E2	→	103
- Event	→	118
- Esprit	→	132
- ClassiX	→	146

+ Optional accessories

Mount.pl. 2-g name/door pl. E2 1082 ..	→	90
Mount.pl. 2-g name/door pl. Event 1084 ..	→	90
In.sheets name/door pl. 1085 00	→	90

Features

- Name plate/door plate for rooms.
- Consisting of a base plate and a transparent, plug-in cover.
- Simple replacement of the label carrier.

Two mounting options

- Fastening:
The base plate of the name plate/door plate is mounted to the wall with the included screws/wall plugs.
- Adhesion:
The base plate is attached to smooth surfaces, e.g. coated doors, with the accompanying sticky points.

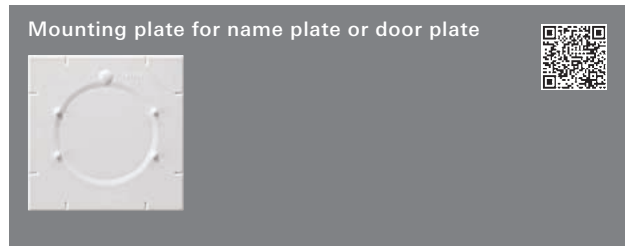
Technical data

Dimensions in mm	W 122	H 51
------------------	-------	------

Notes

- For mounting on glass surfaces, use the mounting plate that is available separately. The mounting plate allows for a clean-looking closure on the back of the surface.
- Suitable for 2-gang frame without crossbar from the Standard 55, Event, E2 or E22 switch ranges.
- The inscription sheets can be printed using any conventional printer.

Specifications	Order No.	P. unit	PS
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1-gang for Standard 55, Gira E2 pure white	1081 02	1	11
1-gang for E2 black	1081 00	1	01
1-gang for Event, Event Clear, Event Opaque pure white	1083 02	1	11
black	1083 00	1	01
2-gang for Standard 55, Gira E2 pure white	1082 02	10	11
2-gang for E2 black	1082 00	1	01
2-gang for Event, Event Clear, Event Opaque pure white	1084 02	1	11
black	1084 00	1	01

+ Necessary accessories

One of the following articles:

name/door pl. 1-g 1071 00	→	89
Name/door pl. 2-g 1072 00	→	89

Features

- The self-adhesive mounting plate is an adapter plate for attaching the name plate or door plate to smooth, transparent surfaces, e. g. glass panes.
- The mounting plate allows for a clean-looking closure on the back of the surface.

Specifications	Order No.	P. unit	PS
Inscription sheets for name plate or door plate	1085 00	1	01

+ Necessary accessories

One of the following articles:

name/door pl. 1-g 1071 00	→	89
Name/door pl. 2-g 1072 00	→	89

Features

- Insert for the name plate/door plate in DIN A4 format. The material thickness is ideal for the plate. This prevents waving, as can occur with common copier paper.

Notes

- The inscription sheets can be printed using any conventional printer.

Scope of supply

- Ten sheets are included in the scope of supply.

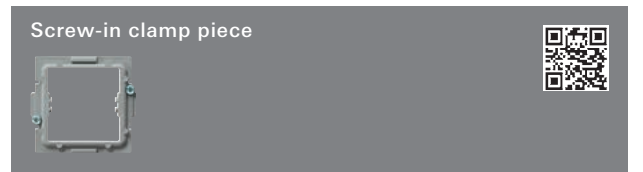
Specifications	Order No.	P. unit	PS
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Flush-mounted device box for razor socket outlet	2819 00	1	01
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+ Necessary accessories

Razor sock. 115 - 230 V **2820 ..**



Screw-in clamp piece	1401 27	5/25	01
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Features

- Screw-in clamp piece for cover plates from System 55 for rocker switches and rocker buttons.



Glass pane	0099 27	1	01
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+ Necessary accessories

Rocker + glass pane + fr. 1-g 0288 27	→	88
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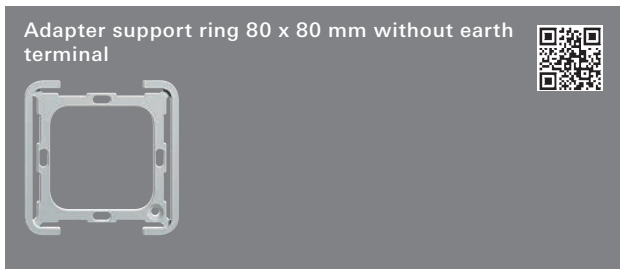
Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----



Adapter support ring 80 x 80 mm	2849 00	10	29
------------------------------------	----------------	----	----

Notes

- For integration of Gira products with support ring 71 x 71 mm.



	2850 00	10	29
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Notes

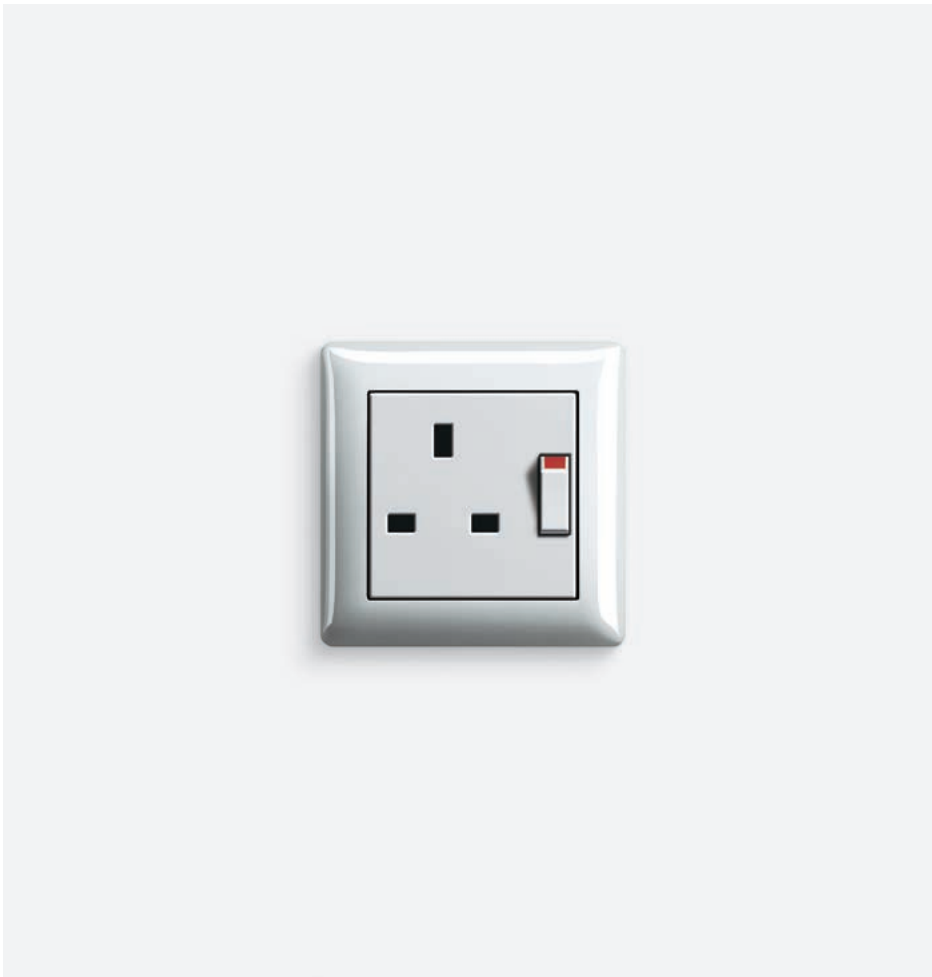
- For integration of Gira products with support ring 71 x 71 mm.

Gira Standard 55 System 55

Gira Standard 55 cover frame	96
Gira Standard 55 cover frame with inscription space	96
Surface-mounted	97
Accessories	98

Product design
Phoenix Design, Stuttgart

Gira Design Configurator
www.designconfigurator.gira.com



Range of functions for basic installation

Gira Standard 55 is a functional basic range for safe, convenient and economical electrical installation. The design line unites high material quality and robust workmanship at attractive prices. With its simple, understated design, it can be used for many purposes in everyday life – whether at home, at the office or in industrial buildings. More than 300 functions from Gira's System 55 are available for this design line.

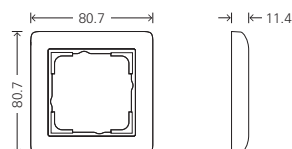
Characteristics

- More than 300 functions available.
- Homogeneous and easy-care surface.
- Suitable for vertical and horizontal installation.
- Plastic: halogen-free thermoplastic, shock and shatter-proof.
- Very resistant against wear.
- Flush-mounted installation (IP20).
- Flush-mounted installation of switches, buttons and SCHUKO socket outlets with hinged cover, also available with protection against splash water (IP44) (if the special sealing kits are used **0251 27** or **0252 27**).
- Surface-mounted installation, 1 to 3-gang, available in pure white glossy and cream white glossy.

Technical data

Platform:	System 55
Material:	Thermoplastic (PC)
Installation type: (standard)	Flush-mounted installation
Protection type:	Surface-mounted IP20, IP44

Dimensions in mm



Cover frame, 1-gang:	W 80.7	H 80.7	D 11.4
Cover frame, 1.5-gang:	W 80.7	H 121.2	D 11.4
Cover frame, 2-gang:	W 80.7	H 151.8	D 11.4
Cover frame, 3-gang:	W 80.7	H 223.3	D 11.4
Cover frame, 4-gang:	W 80.7	H 294.6	D 11.4
Cover frame, 5-gang:	W 80.7	H 365.9	D 11.4

Corner radius: R 4 (approx.)

Variants



Pure white
matt
(similar to
RAL 9010)



Pure white
glossy
(similar to
RAL 9010)



Cream white
glossy
(similar to
RAL 1013)



Cover frame
→ 96



Cover frame with
inscription space
→ 96



Surface-mounted
→ 97



Accessories
→ 98

Specifications	Order No.	P. unit	PS
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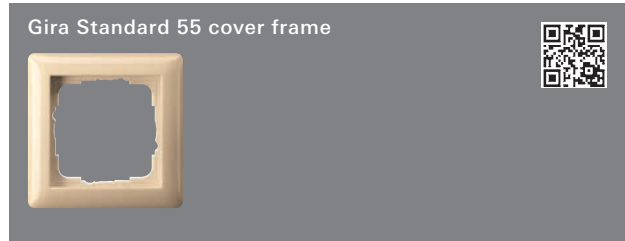
Gira Standard 55 cover frame

Features

- Shatter-proof.

Notes

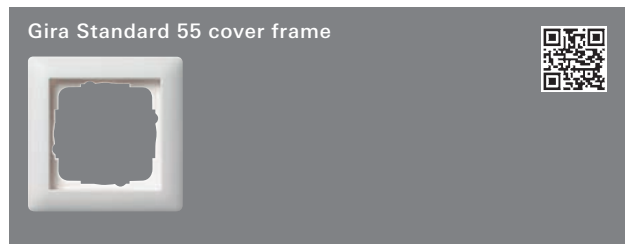
- Also suitable for duct installation.
- In connection with the seal kit, frame (1-gang to 5-gang) is also suitable for installation as water-protected flush-mounted IP44.



cream white glossy			
1-gang	0211 01	10/100	21
2-gang	0212 01	10/100	21
2-gang without crossbar	1002 01	10	01
3-gang	0213 01	10/100	01
4-gang	0214 01	1/5	01
5-gang	0215 01	1/5	01



pure white glossy			
1-gang	0211 03	10/100	21
2-gang	0212 03	10/100	21
2-gang without crossbar	1002 03	10/100	01
3-gang	0213 03	10/100	01
4-gang	0214 03	1/5	01
5-gang	0215 03	1/5	01



pure white matt			
1-gang	0211 04	10/100	21
2-gang	0212 04	10/100	21
2-gang without crossbar	1002 04	10	01
3-gang	0213 04	10/100	01
4-gang	0214 04	1/5	01
5-gang	0215 04	1/5	01

Specifications	Order No.	P. unit	PS
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Gira Standard 55 cover frame with inscription space

Features

- Shatter-proof.
- Spray-proof.
- Frames with transparent view window for inscription.
- Ideally suited for use in buildings in which the electrical installation must be identified and documented, for example in managerial centres, commercial operations, airports, companies, and hospitals.

Notes

- Not to be used with: seal kit IP44, surface-mounted housing with flat design, surface-mounted housing.



cream white glossy			
1-gang	1091 01	10	01
2-gang horizontal	1092 01	10	01
2-gang vertical	1102 01	10	01
3-gang horizontal	1093 01	1/5	01
3-gang vertical	1103 01	1/5	01
4-gang horizontal	1094 01	1/5	01
4-gang vertical	1114 01	1/5	01
5-gang horizontal	1095 01	1/5	01
5-gang vertical	1115 01	1/5	01

+ Optional accessories
In.sheets 51.2 x 7 mm **1455 00** → 231



pure white glossy			
1-gang	1091 03	10/100	01
2-gang horizontal	1092 03	10/100	01
2-gang vertical	1102 03	10	01
3-gang horizontal	1093 03	10/100	01
3-gang vertical	1103 03	1/5	01
4-gang horizontal	1094 03	1/5	01
4-gang vertical	1114 03	1/5	01
5-gang horizontal	1095 03	1/5	01
5-gang vertical	1115 03	1/5	01

+ Optional accessories
In.sheets 51.2 x 7 mm **1455 00** → 231

Specifications Order No. P. unit PS



pure white matt			
1-gang	1091 27	10	01
2-gang horizontal	1092 27	10	01
2-gang vertical	1102 27	10	01
3-gang horizontal	1093 27	1/5	01
3-gang vertical	1103 27	1/5	01
4-gang horizontal	1094 27	1/5	01
4-gang vertical	1114 27	1/5	01
5-gang horizontal	1095 27	1/5	01
5-gang vertical	1115 27	1/5	01

+ Optional accessories
In.sheets 51.2 x 7 mm **1455 00** → 231

Specifications Order No. P. unit PS



Standard 55, 1-gang			
cream white glossy	0061 01	10/100	13
pure white glossy	0061 03	10/100	13
Standard 55, 2-gang			
cream white glossy	0062 01	5/50	13
pure white glossy	0062 03	5/100	13
Standard 55, 3-gang			
cream white glossy	0063 01	1	13
pure white glossy	0063 03	1/10	13

Features
- With cable and duct entry.

Technical data
Dimensions in mm

- 1-gang:	W 80	H 80	D 45,5
- 2-gang:	W 80	H 151,5	D 45,5
- 3-gang:	W 80	H 213,5	D 45,5

Notes
- With Standard 55, rocker switches, buttons and SCHUKO socket outlets with hinged covers are generally protected against dripping water (IP21) on the wall in conjunction with these housings.
- Key switches and three-stage switches cannot be installed in this housing.



cream white	0070 01	1	01
pure white	0070 03	1	01

Features
- With three cable and duct entries.

Technical data
Dimensions in mm

	W 80	H 80	D 48,5
--	------	------	--------



1-gang			
cream white	0009 01	5	01
pure white	0009 03	5	01

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Accessories

Mounting plate for name plate or door plate



Standard 55
System 55

1-gang for Standard 55, Gira E2			
pure white	1081 02	1	11

2-gang for Standard 55, Gira E2			
pure white	1082 02	10	11

+ Necessary accessories

One of the following articles:

name/door pl. 1-g 1071 00	→	89
Name/door pl. 2-g 1072 00	→	89

Features

- The self-adhesive mounting plate is an adapter plate for attaching the name plate or door plate to smooth, transparent surfaces, e. g. glass panes.
- The mounting plate allows for a clean-looking closure on the back of the surface.

Gira E2 System 55

Gira E2 cover frame	103
Gira E2 cover frame for flat installation	104
Gira E2 frames	
with inscription space	106
Gira E2 frames	
completely inscribable	107
Installation with Profile 55	107
Accessories	108

Awards

International Design Award 1998,
iF product design award 1999,
red dot award 1999

Gira E2 stainless steel
Iconic Award 2018
German Innovation Award, Building & Elements 2018
Red Dot Award, Product Design 2018

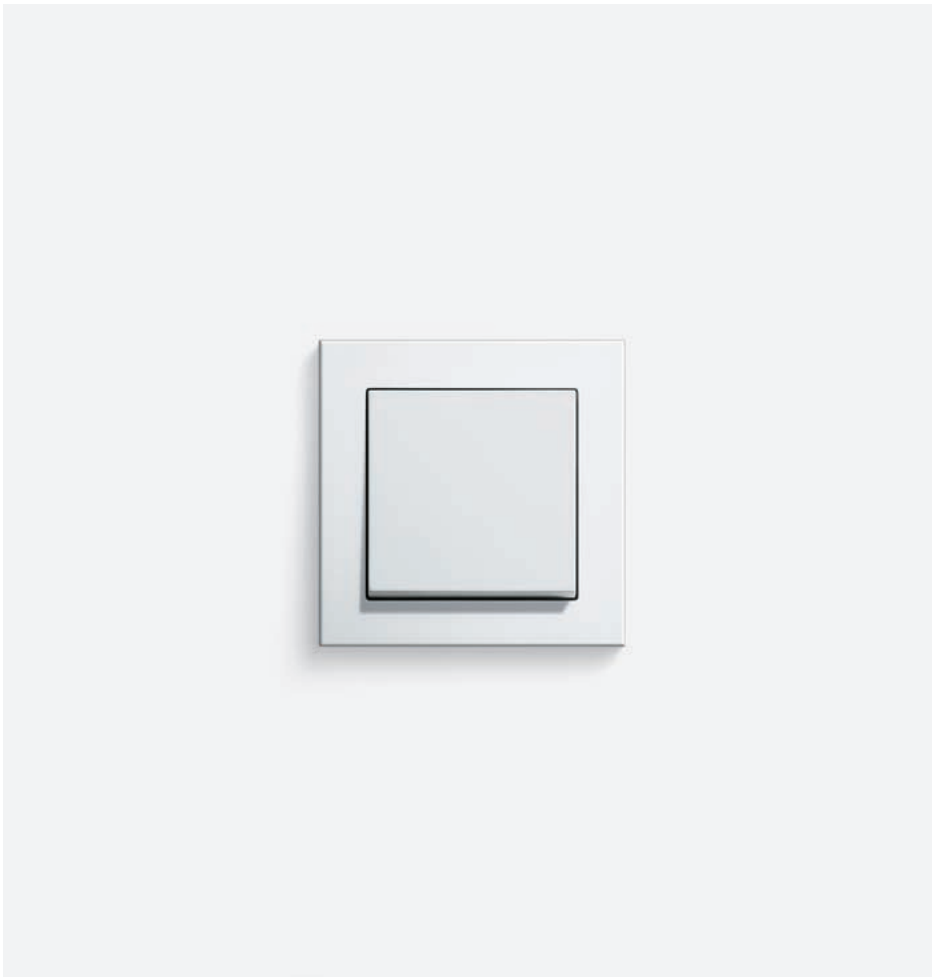
Gira E2 cover frame for flat installation
Iconic Award 2018
IF Design Award 2018
German Innovation Award, Building & Elements 2018
Red Dot Award, Product Design 2018

Product Design

Gira Design Team, Radevormwald

Gira Design Configurator

www.designconfigurator.gira.com



Minimal design with high functionality

The Gira E2 design line combines pared-down design with aesthetic materials and intelligent technology. The plethora of Gira designs now includes a new expressive surface: black matt – not only for inserts, but also for cover frames. For a no-nonsense, modern look that's surprising and delightful to touch. The Gira E2 design line is available in two installation types – also for flat installation. Combined with the expansive range of features in the Gira System 55, it meets the requirements of a modern, future-proof electrical installation.

Characteristics

- More than 300 functions available.
- Clean geometric design.
- Suitable for vertical and horizontal installation.
- Flush-mounted installation (IP20).
- Flush-mounted for standard installation of switches, buttons and SCHUKO socket outlets with hinged cover, also available with protection against splash water (IP44) (if the special sealing kits are used **0251 27** or **0252 27**).

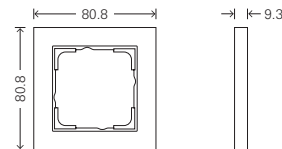
Thermoplastic features:

- Timeless colours.
- Plastic: halogen-free thermoplastic, shock and shatter-proof.
- Sturdy, durable, easy-care surface.

Stainless steel features:

- Premium genuine material.
- Robust surface with cool-silver satin finish.

Gira E2, dimensions in mm



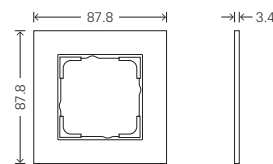
Cover frame, 1-gang:	W 80.8	H 80.8	D 9.3
Cover frame, 1.5-gang:	W 80.8	H 121.4	D 9.3
Cover frame, 2-gang:	W 80.8	H 151.9	D 9.3
Cover frame, 3-gang:	W 80.8	H 223.4	D 9.3
Cover frame, 4-gang:	W 80.8	H 294.7	D 9.3
Cover frame, 5-gang:	W 80.8	H 366.0	D 9.3

Thermoplastic corner radius:	R 0.5
Corner radius stainless steel:	R 2.5

Technical data

Platform:	System 55
Material:	Thermoplastic (PC) Stainless steel
Installation type:	Flush-mounted
Protection class for standard installation:	IP20, IP44
Protection class for flat installation:	IP20

Gira E2 flat installation, dimensions in mm



Cover frame, 1-gang:	W 87.8	H 87.8	D 3.4
Cover frame, 2-gang:	W 87.8	H 158.9	D 3.4
Cover frame, 3-gang:	W 87.8	H 230.3	D 3.4
Cover frame, 4-gang:	W 87.8	H 301.5	D 3.4

Thermoplastic corner radius:	R 0.5
Stainless steel corner radius:	R 2.5

Notes

- Because of their design, not all functions can be used flush with the cover frames in the Gira E2 design line.
- Cover frames for customary standard-mounted installation are available in 1-gang to 5-gang versions; for the 3 mm flat installation on the wall, 1-gang to 4-gang versions are available.
- Profil 55 for surface-mounted extension, 1-gang to 8-gang

Gira E2 variants



Pure white matt
(similar to RAL 9010)

Pure white glossy
(similar to RAL 9010)

Black matt
(lacquered)

Colour aluminium
(lacquered)

Anthracite

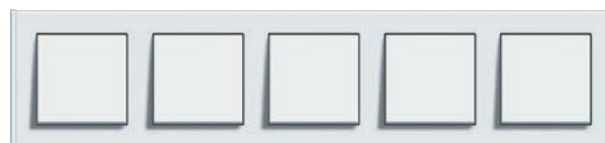
Stainless steel

Profil 55 [surface-mounted extension]

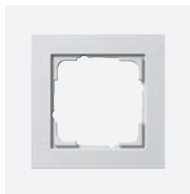
The variants shown here are examples. Check out the full Profil 55 range in this catalogue, from page 209.



Profile 55, 2-gang
Pure white
(lacquered)



Profile 55, 5-gang
Pure white (lacquered)



Cover frame
→ 103



Cover frame for
flat installation
→ 104



Cover frame with
inscription space
→ 106



Cover frame
completely
inscribable
→ 107



Profile 55
→ 107



Accessories
→ 108

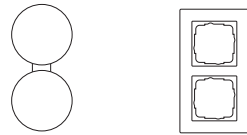
Help with ordering

Standard installation

for flush-mounted device box

Individual components

The cover frames for conventional installation are supplied without a flush-mounted device box. The cover frames are available in 1 to 5-gang sizes for this mounting type.



Cover frame, 1-gang
Cover frame, 2-gang
Cover frame, 3-gang
Cover frame, 4-gang
Cover frame, 5-gang

0211 ...*
0212 ...*
0213 ...*
0214 ...*
0215 ...*

Cover frame 2-gang
w/o crossbar

1002 ...*

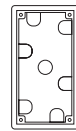
Flat installation

For hollow walls

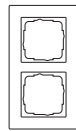
For masonry

Individual components

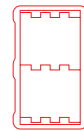
If there is a long period of time between installation of the flush-mounted box/ device box and mounting of the cover frames, it may be practical to order the cover frames later on short notice. This eliminates the question of storage, and the cover frames are protected from damage.



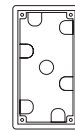
Gira E2
device
box



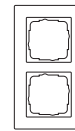
Gira E2 flat
installation
cover frame



Gira E2 flush-
mounted
device box



Gira E2 device box



Gira E2 flat
installation
cover frame

Cover frame, 1-gang
Cover frame, 2-gang
Cover frame, 3-gang
Cover frame, 4-gang

2896 00
2897 00
2898 00
2899 00

0211...**
0212...**
0213...**
0214...**

2891 00
2892 00
2893 00
2894 00

2896 00
2897 00
2898 00
2899 00

0211...**
0212...**
0213...**
0214...**

Cover frame, 2-gang
without crossbar

2897 00

1002...**

2892 00

2897 00

1002...**

All cover frame versions are available in all materials.

The order numbers have the following endings:

* 29 pure white glossy, 22 pure white matt, 09 black matt, 23 anthracite, 25 colour aluminium, 33 stainless steel

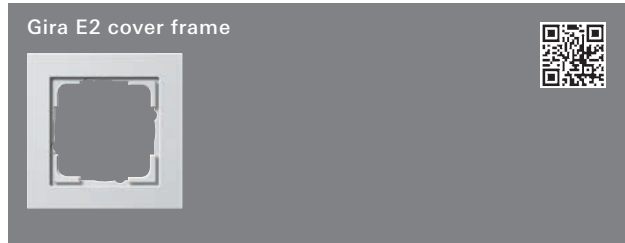
** 295 pure white glossy, 225 pure white matt, 095 black matt, 235 anthracite, 255 colour aluminium, 335 stainless steel

Specifications Order No. P. unit PS

Gira E2 cover frame

Notes

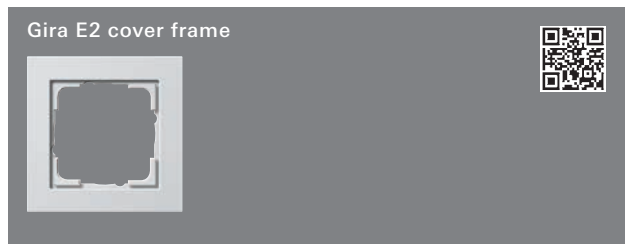
- Also suitable for duct installation.
- In connection with the seal kit, frame (1-gang to 5-gang) is also suitable for installation as water-protected flush-mounted IP44.



pure white glossy			
1-gang	0211 29	10/100	01
2-gang	0212 29	10/100	01
2-gang without crossbar	1002 29	10	01
3-gang	0213 29	1/5	01
4-gang	0214 29	1/5	01
5-gang	0215 29	1/5	01

Features

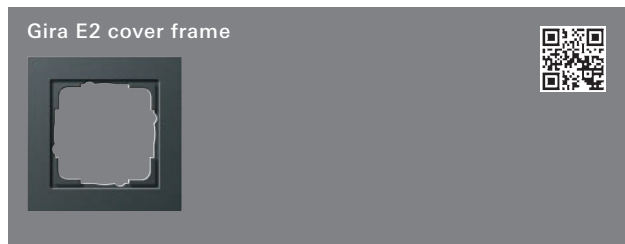
- Shatter-proof.



pure white matt			
1-gang	0211 22	10/100	01
2-gang	0212 22	10/100	01
2-gang without crossbar	1002 22	10	01
3-gang	0213 22	1/5	01
4-gang	0214 22	1/5	01
5-gang	0215 22	1/5	01

Features

- Shatter-proof.



anthracite			
1-gang	0211 23	10/100	11
2-gang	0212 23	10/100	11
2-gang without crossbar	1002 23	10	11
3-gang	0213 23	1/5	11
4-gang	0214 23	1/5	11
5-gang	0215 23	1/5	11

Features

- Shatter-proof.

Specifications Order No. P. unit PS

Gira E2 cover frame

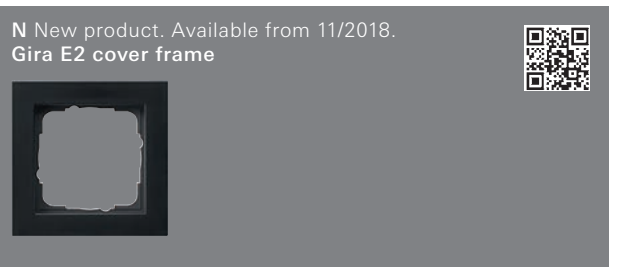


colour aluminium

1-gang	0211 25	10/100	11
2-gang	0212 25	10/100	11
2-gang without crossbar	1002 25	10	11
3-gang	0213 25	1/5	11
4-gang	0214 25	1/5	11
5-gang	0215 25	1/5	11

Features

- Shatter-proof.



N New product. Available from 11/2018.

Gira E2 cover frame

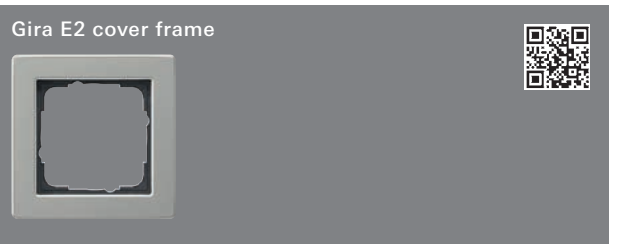


black matt

1-gang	0211 09	10	11
1.5-gang	1001 09	10	11
2-gang	0212 09	10	11
2-gang without crossbar	1002 09	10	11
3-gang	0213 09	1	11
4-gang	0214 09	1	11
5-gang	0215 09	1	11

Features

- Shatter-proof.



Gira E2 cover frame



stainless steel

1-gang	0211 33	10	11
2-gang	0212 33	10	11
2-gang without crossbar	1002 33	10	11
3-gang	0213 33	1	11
4-gang	0214 33	1	11
5-gang	0215 33	1	11

Specifications Order No. P. unit PS

Gira E2 cover frame for flat installation

Gira E2 cover frame for flat installation



pure white glossy

1-gang	0211 295	10	01
2-gang	0212 295	10	01
2-gang without crossbar	1002 295	10	01
3-gang	0213 295	1	01
4-gang	0214 295	1	01

+ Necessary accessories

Gira E2, Gira E22 device box for flat installation → 105

+ Optional accessories

Gira E2, Gira E22 flush-mounted installation box → 105

Features

- Shatter-proof.
- With the aid of the Gira device box, the Gira E2 switch range can be installed flat on the wall.
- This device box can be recessed directly in the wall in cases of cavity mounting, e.g. a flexible wall system.
- For flush-mounted installation in brickwork, the device box is inserted into an flush-mounted installation box, which is then placed in the wall.

More information

Technical information → ⓘ 606

Gira E2 cover frame for flat installation



pure white matt

1-gang	0211 225	10	01
2-gang	0212 225	10	01
2-gang without crossbar	1002 225	10	01
3-gang	0213 225	1	01
4-gang	0214 225	1	01

+ Necessary accessories

Gira E2, Gira E22 device box for flat installation → 105

+ Optional accessories

Gira E2, Gira E22 flush-mounted installation box → 105

Features

- Shatter-proof.
- With the aid of the Gira device box, the Gira E2 switch range can be installed flat on the wall.
- This device box can be recessed directly in the wall in cases of cavity mounting, e.g. a flexible wall system.
- For flush-mounted installation in brickwork, the device box is inserted into an flush-mounted installation box, which is then placed in the wall.

More information

Technical information → ⓘ 606

Specifications Order No. P. unit PS

Gira E2 cover frame for flat installation



anthracite

1-gang	0211 235	10	11
2-gang	0212 235	10	11
2-gang without crossbar	1002 235	10	11
3-gang	0213 235	1	11
4-gang	0214 235	1	11

+ Necessary accessories

Gira E2, Gira E22 device box for flat installation → 105

+ Optional accessories

Gira E2, Gira E22 flush-mounted installation box → 105

Features

- Shatter-proof.
- With the aid of the Gira device box, the Gira E2 switch range can be installed flat on the wall.
- This device box can be recessed directly in the wall in cases of cavity mounting, e.g. a flexible wall system.
- For flush-mounted installation in brickwork, the device box is inserted into an flush-mounted installation box, which is then placed in the wall.

More information

Technical information → ⓘ 606

Gira E2 cover frame for flat installation



colour aluminium

1-gang	0211 255	10	11
2-gang	0212 255	10	11
2-gang without crossbar	1002 255	10	11
3-gang	0213 255	1	11
4-gang	0214 255	1	11

+ Necessary accessories

Gira E2, Gira E22 device box for flat installation → 105

+ Optional accessories

Gira E2, Gira E22 flush-mounted installation box → 105

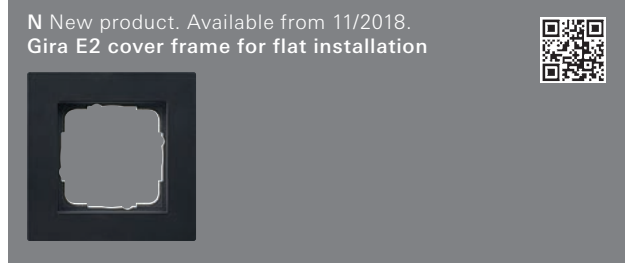
Features

- Shatter-proof.
- With the aid of the Gira device box, the Gira E2 switch range can be installed flat on the wall.
- This device box can be recessed directly in the wall in cases of cavity mounting, e.g. a flexible wall system.
- For flush-mounted installation in brickwork, the device box is inserted into an flush-mounted installation box, which is then placed in the wall.

More information

Technical information → ⓘ 606

Specifications Order No. P. unit PS



black matt

1-gang	0211 095	10	11
2-gang	0212 095	10	11
2-gang without crossbar	1002 095	10	11
3-gang	0213 095	1	11
4-gang	0214 095	1	11

+ Necessary accessories
Gira E2, Gira E22 device box for flat installation → 105

+ Optional accessories
Gira E2, Gira E22 flush-mounted installation box → 105

- Features**
- Shatter-proof.
 - With the aid of the Gira device box, the Gira E2 switch range can be installed flat on the wall.
 - This device box can be recessed directly in the wall in cases of cavity mounting, e.g. a flexible wall system.
 - For flush-mounted installation in brickwork, the device box is inserted into an flush-mounted installation box, which is then placed in the wall.

More information
Technical information → ⓘ 606



stainless steel

1-gang	0211 335	10	11
2-gang	0212 335	10	11
2-gang without crossbar	1002 335	10	11
3-gang	0213 335	1	11
4-gang	0214 335	1	11

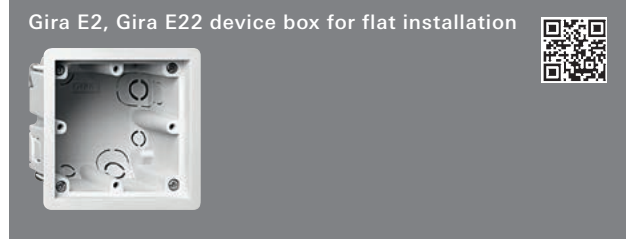
+ Necessary accessories
Gira E2, Gira E22 device box for flat installation → 105

+ Optional accessories
Gira E2, Gira E22 flush-mounted installation box → 105

- Features**
- With the aid of the Gira device box, the Gira E2 switch range can be installed flat on the wall.
 - This device box can be recessed directly in the wall in cases of cavity mounting, e.g. a flexible wall system.
 - For flush-mounted installation in brickwork, the device box is inserted into an flush-mounted installation box, which is then placed in the wall.

More information
Technical information → ⓘ 606

Specifications Order No. P. unit PS



1-gang	2896 00	1	11
2-gang	2897 00	1	11
3-gang	2898 00	1	11
4-gang	2899 00	1	11

+ Necessary accessories
Gira E2 cover frame for flat installation → 104

+ Optional accessories
Gira E2, Gira E22 flush-mounted installation box → 105

- Features**
- With the aid of the Gira device box and cover frame for flat installation, the Gira E2 and Gira E22 design lines can be installed flat on the wall.
 - For flush-mounted installation in brickwork, the device box is inserted into an flush-mounted installation box, which is then placed in the wall.

Technical data

Dimensions in mm

- 1-gang:	W 84	H 84	D 60,5
- 2-gang:	W 84	H 155	D 60,5
- 3-gang:	W 84	H 226	D 60,5
- 4-gang:	W 84	H 297,5	D 60,5

- Notes**
- The device box has no cable retainer.

More information
Technical information → ⓘ 606



1-gang	2891 00	1	01
2-gang	2892 00	1/100	01
3-gang	2893 00	1	01
4-gang	2894 00	1	01

+ Optional accessories
Gira E2, Gira E22 device box for flat installation → 105

- Features**
- Installation in brickwork by mounting the installation box, e.g. securing it with plaster. Installation of the device box in the flush-mounted installation box like in a common cavity box.

Technical data

Dimensions in mm

- 1-gang:	W 92,5	H 91,5	D 64
- 2-gang:	W 92,5	H 162,5	D 64
- 3-gang:	W 92,5	H 233,5	D 64
- 4-gang:	W 92,5	H 304,5	D 64

More information
Technical information → ⓘ 606

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Gira E2 frames with inscription space

Features

- Shatter-proof.
- Spray-proof.
- Frames with transparent view window for inscription.
- Ideally suited for use in buildings in which the electrical installation must be identified and documented, for example in managerial centres, commercial operations, airports, companies, and hospitals.

Notes

- Not to be used with: seal kit IP44, surface-mounted housing with flat design, surface-mounted housing.

Gira E2 cover frame with inscription space



pure white glossy

1-gang	1091 29	10/100	01
2-gang horizontal	1092 29	10	01
2-gang vertical	1102 29	10	01
3-gang horizontal	1093 29	1/5	01
3-gang vertical	1103 29	1/5	01
4-gang horizontal	1094 29	1/5	01
4-gang vertical	1114 29	1/5	01
5-gang horizontal	1095 29	1/5	01
5-gang vertical	1115 29	1/5	01

+ Optional accessories

In.sheets 51.2 x 7 mm **1455 00** → 231

Gira E2 cover frame with inscription space



pure white matt

1-gang	1091 22	10	01
2-gang horizontal	1092 22	10	01
2-gang vertical	1102 22	10	01
3-gang horizontal	1093 22	1/5	01
3-gang vertical	1103 22	1/5	01
4-gang horizontal	1094 22	1/5	01
4-gang vertical	1114 22	1/5	01
5-gang horizontal	1095 22	1/5	01
5-gang vertical	1115 22	1/5	01

+ Optional accessories

In.sheets 51.2 x 7 mm **1455 00** → 231

Specifications	Order No.	P. unit	PS
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Gira E2 cover frame with inscription space



anthracite

1-gang	1091 23	10	11
2-gang horizontal	1092 23	10	11
2-gang vertical	1102 23	10	11
3-gang horizontal	1093 23	1/5	11
3-gang vertical	1103 23	1/5	11
4-gang horizontal	1094 23	1/5	11
4-gang vertical	1114 23	1/5	11
5-gang horizontal	1095 23	1/5	11
5-gang vertical	1115 23	1/5	11

+ Optional accessories

In.sheets 51.2 x 7 mm **1455 00** → 231

N New product. Available from 11/2018.

Gira E2 cover frame with inscription space



black matt

1-gang	1091 09	10	11
2-gang horizontal	1092 09	10	11
2-gang vertical	1102 09	10	11
3-gang horizontal	1093 09	1	11
3-gang vertical	1103 09	1	11
4-gang horizontal	1094 09	1	11
4-gang vertical	1114 09	1	11
5-gang horizontal	1095 09	1	11
5-gang vertical	1115 09	1	11

+ Optional accessories

In.sheets 51.2 x 7 mm **1455 00** → 231

Gira E2 cover frame with inscription space



colour aluminium

1-gang	1091 25	10	11
2-gang horizontal	1092 25	10	11
2-gang vertical	1102 25	10	11
3-gang horizontal	1093 25	1/5	11
3-gang vertical	1103 25	1/5	11
4-gang horizontal	1094 25	1/5	11
4-gang vertical	1114 25	1/5	11
5-gang horizontal	1095 25	1/5	11
5-gang vertical	1115 25	1/5	11

+ Optional accessories

In.sheets 51.2 x 7 mm **1455 00** → 231

Specifications Order No. P. unit PS

Gira E2 frames completely inscribable

Gira E2 cover frame completely inscribable



clear / pure white			
1-gang	0711 22	10	01
2-gang	0712 22	10	01
3-gang	0713 22	1/5	01

+ Necessary accessories

One of the following articles:

In.sheets Gira E2 type 1	1411 00	→	231
In.sheets Gira E2 type 2	1412 00	→	231
In.sheets Gira E2 Type 3	1413 00	→	231

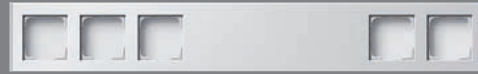
Features

- Shatter-proof.
- Transparent cover frame, completely inscribable.
- Ideally suited for use in buildings in which the electrical installation must be identified and documented, for example in managerial centres, commercial operations, airports, companies, and hospitals.

Specifications Order No. P. unit PS

Installation with Profile 55

Profile 55 for vertical and horizontal installation



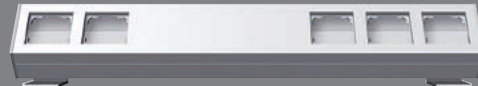
1-gang			
Pure white (lacquered)	1361 27	1	17
aluminium	1361 26	1	17
2-gang			
Pure white (lacquered)	1362 27	1	17
aluminium	1362 26	1	17
3-gang			
Pure white (lacquered)	1363 27	1	17
aluminium	1363 26	1	17
5-gang			
Pure white (lacquered)	1364 27	1	17
aluminium	1364 26	1	17
5-gang 600mm			
Pure white (lacquered)	1365 27	1	17
aluminium	1365 26	1	17
8-gang			
Pure white (lacquered)	1366 27	1	17
aluminium	1366 26	1	17
Functional description		→	212

Profile 55 for horizontal installation



2-gang			
Pure white (lacquered)	1367 27	1	17
aluminium	1367 26	1	17
3-gang			
Pure white (lacquered)	1368 27	1	17
aluminium	1368 26	1	17
Functional description		→	212

Profile 55 with angled mounting bracket



2-gang			
Pure white (lacquered)	1192 27	1	17
aluminium	1192 26	1	17
3-gang			
Pure white (lacquered)	1193 27	1	17
aluminium	1193 26	1	17
5-gang 600mm			
Pure white (lacquered)	1195 27	1	17
aluminium	1195 26	1	17
8-gang			
Pure white (lacquered)	1198 27	1	17
aluminium	1198 26	1	17
Functional description		→	213

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Accessories

Mounting plate for name plate or door plate



1-gang for Standard 55, Gira E2

pure white	1081 02	1	11
------------	---------	---	----

1-gang for E2

black	1081 00	1	01
-------	---------	---	----

2-gang for Standard 55, Gira E2

pure white	1082 02	10	11
------------	---------	----	----

2-gang for E2

black	1082 00	1	01
-------	---------	---	----

+ Necessary accessories

One of the following articles:

name/door pl. 1-g 1071 00	→	89
----------------------------------	---	----

Name/door pl. 2-g 1072 00	→	89
----------------------------------	---	----

Features

- The self-adhesive mounting plate is an adapter plate for attaching the name plate or door plate to smooth, transparent surfaces, e. g. glass panes.
- The mounting plate allows for a clean-looking closure on the back of the surface.

Awards

ICONIC Award - Winner 2016 (Design council)
German Design Award in category "Building and Elements" 2017
DDC Gute Gestaltung in category product 2017
iF product design award 2017

Product design

schmitz Visuelle Kommunikation

Gira Design Configurator

www.designconfigurator.gira.com



Gira E3 – harmonious shapes, subtle colours

Soft contours, a subdued colour spectrum and a matt soft-touch surface characterise the new Gira E3 design line from System 55. The support frames and inserts, available in anthracite and pure white glossy, can be combined with front frames in nine harmonious colours to create a multitude of different design variants.

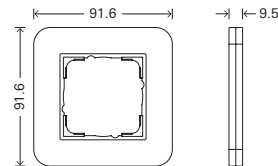
Characteristics

- More than 300 functions available.
- Rounded contours for a harmonious atmosphere.
- Suitable for vertical and horizontal installation.
- Cover frame in nine colours:
 - Matt, easy-care soft-touch surface, in eight subtle colours.
 - Purist variant, entirely in pure white glossy.
- Cover frame with soft-touch surface, available with support frames in pure white glossy or anthracite.
- Plastic: halogen-free thermoplastic, shock and shatter-proof.
- Flush-mounted installation (IP20).

Technical data

Platform:	System 55
Material:	Thermoplastic (PC)
Installation type:	Flush-mounted
Protection type:	IP20

Dimensions in mm



Cover frame, 1-gang:	W 91.6	H 91.6	D 9.5
Cover frame, 2-gang:	W 91.6	H 162.7	D 9.5
Cover frame, 3-gang:	W 91.6	H 234.2	D 9.5
Cover frame, 4-gang:	W 91.6	H 305.5	D 9.5
Cover frame, 5-gang:	W 91.6	H 376.8	D 9.5
Corner radius:	R 11		

Variants



Pure white glossy



Light grey soft touch (similar to NCS S 2000-N)



Grey soft touch (similar to NCS S 3500-N)



Dark grey soft touch (similar to NCS S 7000-N)



Sand soft touch (similar to NCS S 2005-Y20R)



Grey beige soft touch (similar to NCS S 4005-Y20R)



Umber soft touch (similar to NCS S 7010-Y10R)



Blue grey soft touch (similar to NCS S 4010-R90B)



Grey green soft touch (similar to NCS S 4005-G50Y)



Light grey soft touch (similar to NCS S 2000-N)



Grey soft touch (similar to NCS S 3500-N)



Dark grey soft touch (similar to NCS S 7000-N)



Sand soft touch (similar to NCS S 2005-Y20R)



Grey beige soft touch (similar to NCS S 4005-Y20R)



Umber soft touch (similar to NCS S 7010-Y10R)



Blue grey soft touch (similar to NCS S 4010-R90B)



Grey green soft touch (similar to NCS S 4005-G50Y)



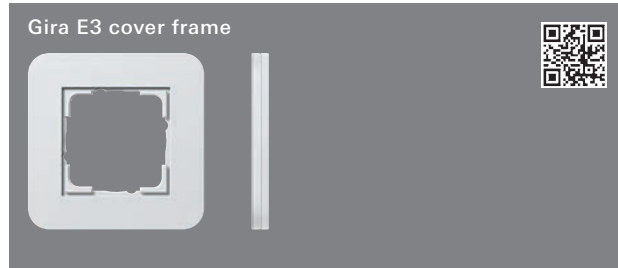
Cover frame
→ 112

Specifications Order No. P. unit PS

Gira E3 cover frame

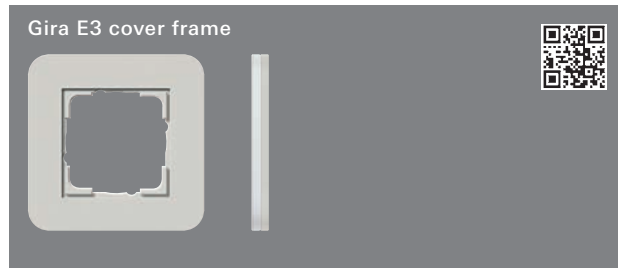
Features

- Shatter-proof.



pure white glossy with pure white glossy intermediate frame

1-gang	0211 410	10	11
2-gang	0212 410	10	11
2-gang without crossbar	1002 410	10	11
3-gang	0213 410	1	11
4-gang	0214 410	1	11
5-gang	0215 410	1	11

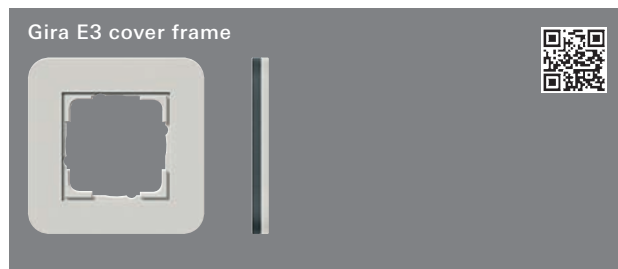


light grey soft touch with pure white glossy intermediate frame

1-gang	0211 411	10	11
2-gang	0212 411	10	11
2-gang without crossbar	1002 411	10	11
3-gang	0213 411	1	11
4-gang	0214 411	1	11
5-gang	0215 411	1	11

Notes

- Soft-touch surface
- NCS value: approx. NCS S-2000 N



light grey soft touch with anthracite intermediate frame

1-gang	0211 421	10	11
2-gang	0212 421	10	11
2-gang without crossbar	1002 421	10	11
3-gang	0213 421	1	11
4-gang	0214 421	1	11
5-gang	0215 421	1	11

Notes

- Soft-touch surface
- NCS value: approx. NCS S-2000 N

Specifications Order No. P. unit PS

Gira E3 cover frame

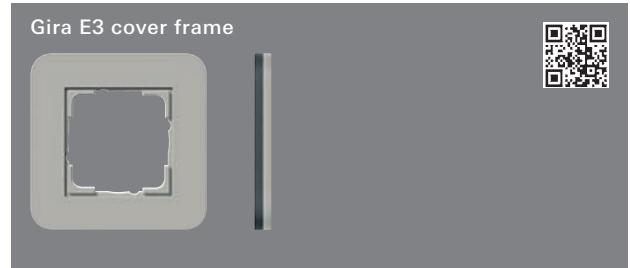


grey soft touch with pure white glossy intermediate frame

1-gang	0211 412	10	11
2-gang	0212 412	10	11
2-gang without crossbar	1002 412	10	11
3-gang	0213 412	1	11
4-gang	0214 412	1	11
5-gang	0215 412	1	11

Notes

- Soft-touch surface
- NCS value: approx. NCS S 3500-N

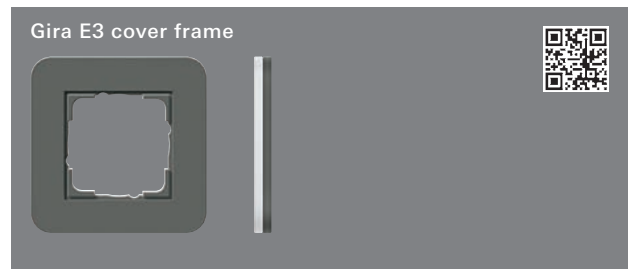


grey soft touch with anthracite intermediate frame

1-gang	0211 422	10	11
2-gang	0212 422	10	11
2-gang without crossbar	1002 422	10	11
3-gang	0213 422	1	11
4-gang	0214 422	1	11
5-gang	0215 422	1	11

Notes

- Soft-touch surface
- NCS value: approx. NCS S 3500-N



dark grey soft touch with pure white glossy intermediate frame

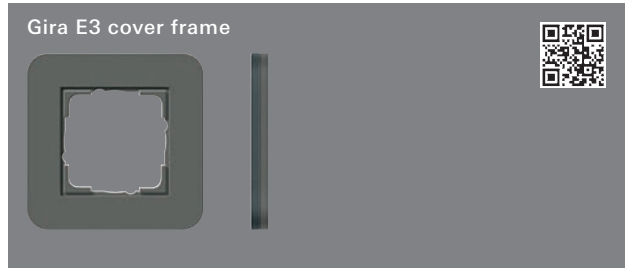
1-gang	0211 413	10	11
2-gang	0212 413	10	11
2-gang without crossbar	1002 413	10	11
3-gang	0213 413	1	11
4-gang	0214 413	1	11
5-gang	0215 413	1	11

Notes

- Soft-touch surface
- NCS value: approx. NCS S 7000-N

E3 System 55

Specifications Order No. P. unit PS

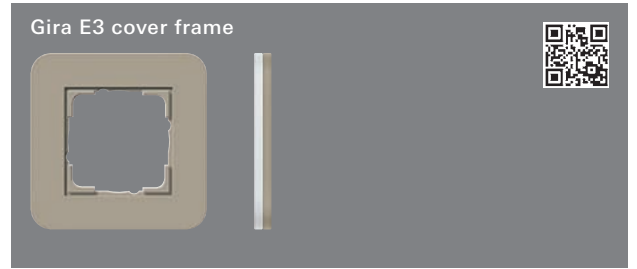


dark grey soft touch with anthracite intermediate frame

1-gang	0211 423	10	11
2-gang	0212 423	10	11
2-gang without crossbar	1002 423	10	11
3-gang	0213 423	1	11
4-gang	0214 423	1	11
5-gang	0215 423	1	11

Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 7000-N

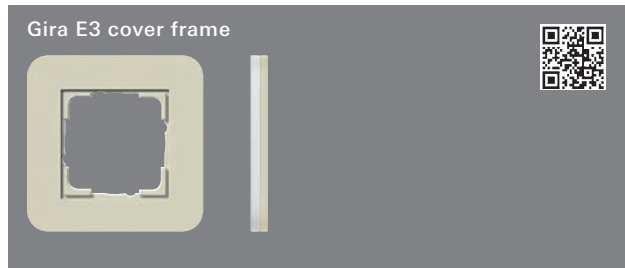
Specifications Order No. P. unit PS



grey beige soft touch with pure white glossy intermediate frame

1-gang	0211 418	10	11
2-gang	0212 418	10	11
2-gang without crossbar	1002 418	10	11
3-gang	0213 418	1	11
4-gang	0214 418	1	11
5-gang	0215 418	1	11

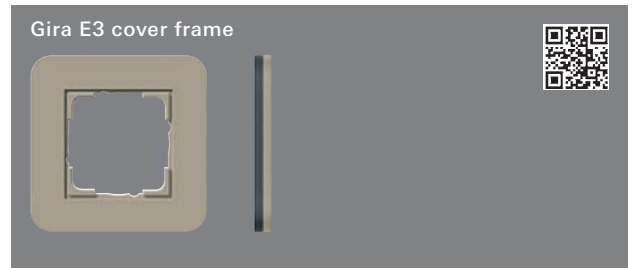
Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 4005-Y20R



sand soft touch with pure white glossy intermediate frame

1-gang	0211 417	10	11
2-gang	0212 417	10	11
2-gang without crossbar	1002 417	10	11
3-gang	0213 417	1	11
4-gang	0214 417	1	11
5-gang	0215 417	1	11

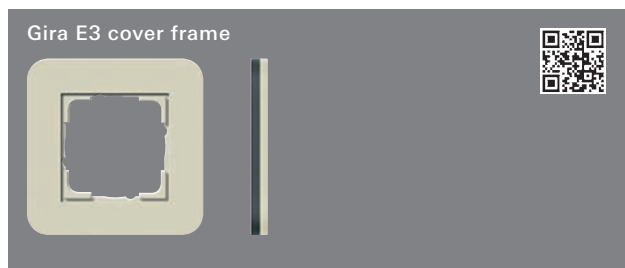
Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 2005-Y20R



grey beige soft touch with anthracite intermediate frame

1-gang	0211 428	10	11
2-gang	0212 428	10	11
2-gang without crossbar	1002 428	10	11
3-gang	0213 428	1	11
4-gang	0214 428	1	11
5-gang	0215 428	1	11

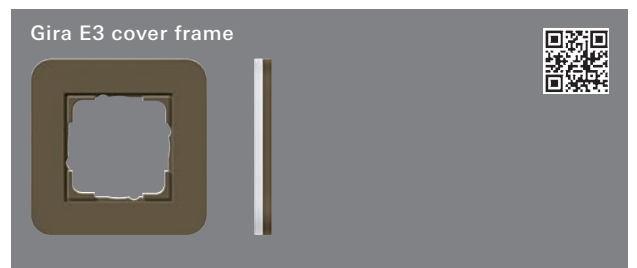
Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 4005-Y20R



sand soft touch with anthracite intermediate frame

1-gang	0211 427	10	11
2-gang	0212 427	10	11
2-gang without crossbar	1002 427	10	11
3-gang	0213 427	1	11
4-gang	0214 427	1	11
5-gang	0215 427	1	11

Notes
 - NCS value: approx. NCS S 2005-Y20R



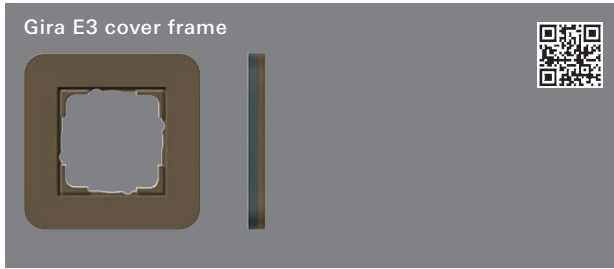
umber soft touch with pure white glossy intermediate frame

1-gang	0211 416	10	11
2-gang	0212 416	10	11
2-gang without crossbar	1002 416	10	11
3-gang	0213 416	1	11
4-gang	0214 416	1	11
5-gang	0215 416	1	11

Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 7010-Y10R

E3 System 55

Specifications Order No. P. unit PS

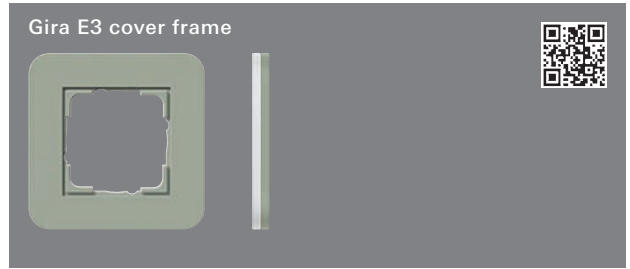


umber soft touch with anthracite intermediate frame

1-gang	0211 426	10	11
2-gang	0212 426	10	11
2-gang without crossbar	1002 426	10	11
3-gang	0213 426	1	11
4-gang	0214 426	1	11
5-gang	0215 426	1	11

Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 7010-Y10R

Specifications Order No. P. unit PS

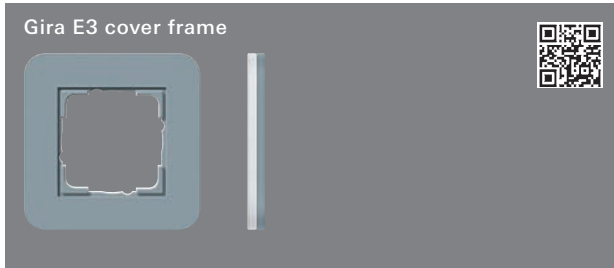


grey green soft touch with pure white glossy intermediate frame

1-gang	0211 415	10	11
2-gang	0212 415	10	11
2-gang without crossbar	1002 415	10	11
3-gang	0213 415	1	11
4-gang	0214 415	1	11
5-gang	0215 415	1	11

Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 4005-G50Y

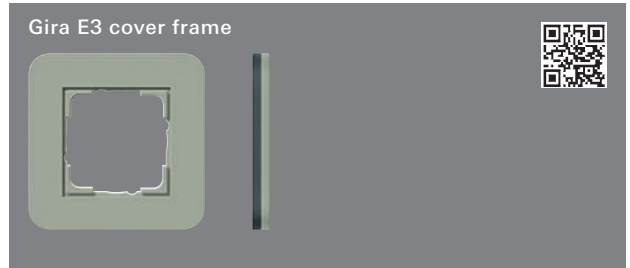
E3 System 55



blue grey soft touch with pure white glossy intermediate frame

1-gang	0211 414	10	11
2-gang	0212 414	10	11
2-gang without crossbar	1002 414	10	11
3-gang	0213 414	1	11
4-gang	0214 414	1	11
5-gang	0215 414	1	11

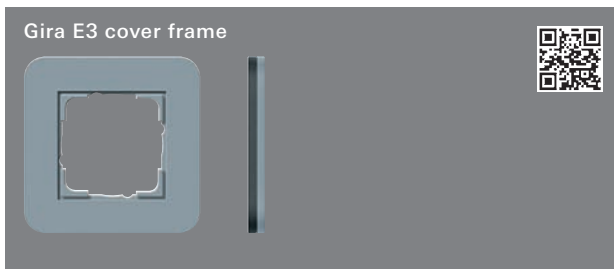
Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 4010-R90B



grey green soft touch with anthracite intermediate frame

1-gang	0211 425	10	11
2-gang	0212 425	10	11
2-gang without crossbar	1002 425	10	11
3-gang	0213 425	1	11
4-gang	0214 425	1	11
5-gang	0215 425	1	11

Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 4005-G50Y



blue grey soft touch with anthracite intermediate frame

1-gang	0211 424	10	11
2-gang	0212 424	10	11
2-gang without crossbar	1002 424	10	11
3-gang	0213 424	1	11
4-gang	0214 424	1	11
5-gang	0215 424	1	11

Notes
 - Soft-touch surface
 - NCS value: approx. NCS S 4010-R90B

Gira Event System 55

Gira Event frames	118
Gira Event Clear cover frame	121
Gira Event Opaque frames	125
Accessories	128

Awards

Roter Punkt Design Innovationen 1999 [Event Opaque],
iF product design award 2009,
Plus X Award 2009 in the category design,
red dot award 2009 [Event Clear]

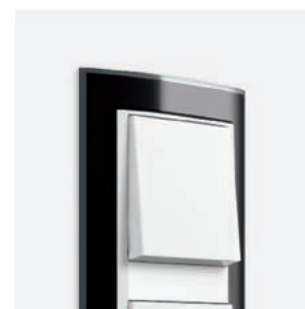
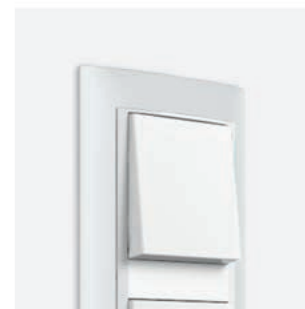
Product design

Phoenix Design, Stuttgart
Gira Design Team, Radevormwald

Gira Design Configurator

www.designconfigurator.gira.com

Event
System 55



Large variety of colours for inspirational interior design

The large variety of colours and the slightly curved form of the cover frame are the striking characteristics of the Gira Event design line. The range encompasses three design lines – Event, Event Clear and Event Opaque – with different material surface looks. The design line offers a total of 17 colour variants and is available in the full range of the Gira System 55 platform, with more than 300 possible functions.

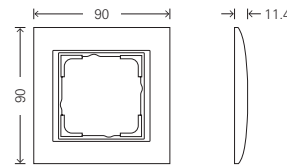
Characteristics

- More than 300 functions available.
- Gira Event: classic colouring with cover frame made of solid-coloured plastic.
- Gira Event Clear: radiant colours and three-dimensional look, with a highly glossy surface.
- Gira Event Opaque: cover frame made of opaque, slightly translucent plastic with a matt surface and subdued, light-dependent colour versions.
- Suitable for vertical and horizontal installation.
- Plastic: halogen-free thermoplastic, shock and shatter-proof.
- Flush-mounted installation (IP20).

Technical data

Platform:	System 55
Material:	Thermoplastic (ABS, PC)
Installation type:	Flush-mounted
Protection type:	IP20

Dimensions in mm



Cover frame, 1-gang:	W 90	H 90	D 11.4
Cover frame, 2-gang:	W 90	H 161.1	D 11.4
Cover frame, 3-gang:	W 90	H 232.6	D 11.4
Cover frame, 4-gang:	W 90	H 303.9	D 11.4
Cover frame, 5-gang:	W 90	H 375.2	D 11.4

Corner radius: R 0.5

Note

- Intermediate frames should be chosen to match the inserts.

Variants



Pure white



Pure white glossy



Colour aluminium



Anthracite



Clear white



Clear black



Clear green



Clear brown



Clear aubergine



Clear sand



Opaque mint



Opaque blue



Opaque red



Opaque orange



Opaque white



Opaque amber



Opaque dark brown



Event frames
→ 118



Event Clear frames
→ 121



Event Opaque frames
→ 125



Accessories
→ 128

Specifications Order No. P. unit PS

Gira Event frames

Features

- Shatter-proof.

Gira Event frames



creme white glossy

with cream white glossy intermediate frame

cream white glossy	0211 021	10	01
cream white glossy	0212 021	10	01
cream white glossy	0213 021	1/5	01
cream white glossy	0214 021	1/5	01
cream white glossy	0215 021	1/5	01

Gira Event frames



pure white glossy

with pure white glossy intermediate frame

1-gang	0211 803	10/100	01
2-gang	0212 803	10/100	01
2-gang without crossbar	1002 803	10	01
3-gang	0213 803	1/5	01
4-gang	0214 803	1/5	01
5-gang	0215 803	1/5	01

Gira Event frames



pure white glossy

with anthracite intermediate frame

1-gang	0211 808	10	11
2-gang	0212 808	10	11
2-gang without crossbar	1002 808	10	11
3-gang	0213 808	1/5	11
4-gang	0214 808	1/5	11
5-gang	0215 808	1/5	11

Specifications Order No. P. unit PS

Gira Event frames



pure white glossy

with colour aluminium intermediate frame

1-gang	0211 806	10	11
2-gang	0212 806	10	11
2-gang without crossbar	1002 806	10	11
3-gang	0213 806	1/5	11
4-gang	0214 806	1/5	11
5-gang	0215 806	1/5	11

Gira Event frames



pure white matt

with pure white glossy intermediate frame

1-gang	0211 327	10	01
2-gang	0212 327	10	01
2-gang without crossbar	1002 327	10	01
3-gang	0213 327	1/5	01
4-gang	0214 327	1/5	01
5-gang	0215 327	1/5	01

Gira Event frames



pure white matt

with anthracite intermediate frame

1-gang	0211 07	10	11
2-gang	0212 07	10	11
2-gang without crossbar	1002 07	10	11
3-gang	0213 07	1/5	11
4-gang	0214 07	1/5	11
5-gang	0215 07	1/5	11

Specifications Order No. P. unit PS



**pure white matt
with colour aluminium intermediate frame**

1-gang	0211 71	10	11
2-gang	0212 71	10	11
2-gang without crossbar	1002 71	10	11
3-gang	0213 71	1/5	11
4-gang	0214 71	1/5	11
5-gang	0215 71	1/5	11

Specifications Order No. P. unit PS



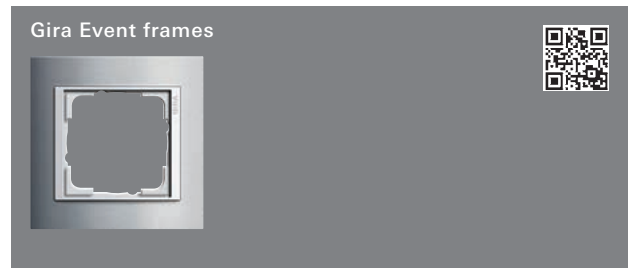
**anthracite
with colour aluminium intermediate frame**

1-gang	0211 81	10	11
2-gang	0212 81	10	11
2-gang without crossbar	1002 81	10	11
3-gang	0213 81	1/5	11
4-gang	0214 81	1/5	11
5-gang	0215 81	1/5	11



**anthracite
with pure white glossy intermediate frame**

1-gang	0211 328	10	11
2-gang	0212 328	10	11
2-gang without crossbar	1002 328	10	11
3-gang	0213 328	1/5	11
4-gang	0214 328	1/5	11
5-gang	0215 328	1/5	11



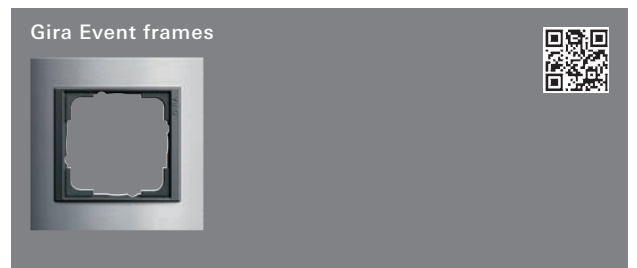
**colour aluminium
with pure white glossy intermediate frame**

1-gang	0211 326	10	11
2-gang	0212 326	10	11
2-gang without crossbar	1002 326	10	11
3-gang	0213 326	1/5	11
4-gang	0214 326	1/5	11
5-gang	0215 326	1/5	11



**anthracite
with anthracite intermediate frame**

1-gang	0211 08	10	11
2-gang	0212 08	10	11
2-gang without crossbar	1002 08	10	11
3-gang	0213 08	1/5	11
4-gang	0214 08	1/5	11
5-gang	0215 08	1/5	11



**colour aluminium
with anthracite intermediate frame**

1-gang	0211 06	10/100	11
2-gang	0212 06	10/100	11
2-gang without crossbar	1002 06	10	11
3-gang	0213 06	1/5	11
4-gang	0214 06	1/5	11
5-gang	0215 06	1/5	11

Event
System 65

Specifications Order No. P. unit PS



colour aluminium

with colour aluminium intermediate frame

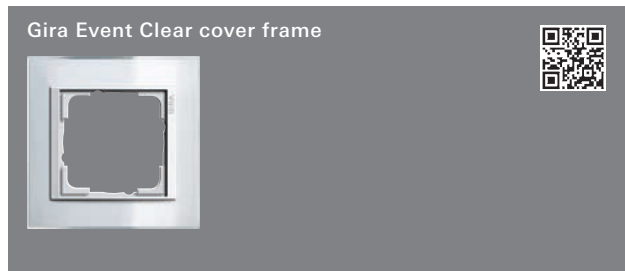
1-gang	0211 36	10	11
2-gang	0212 36	10/100	11
2-gang without crossbar	1002 36	10	11
3-gang	0213 36	1/5	11
4-gang	0214 36	1/5	11
5-gang	0215 36	1/5	11

Specifications Order No. P. unit PS

Gira Event Clear cover frame

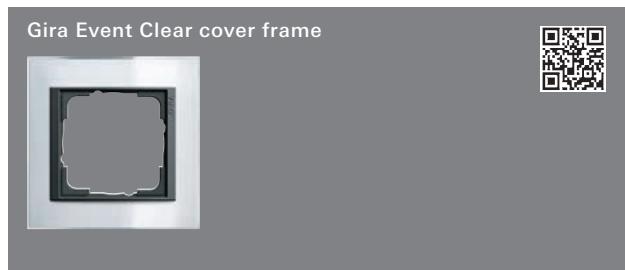
Features

- Shatter-proof.



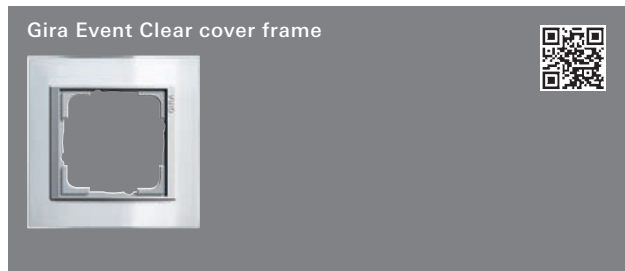
white
with pure white glossy intermediate frame

1-gang	0211 723	10/100	01
2-gang	0212 723	10/100	01
2-gang without crossbar	1002 723	10	01
3-gang	0213 723	1/5	01
4-gang	0214 723	1/5	01
5-gang	0215 723	1/5	01



white
with anthracite intermediate frame

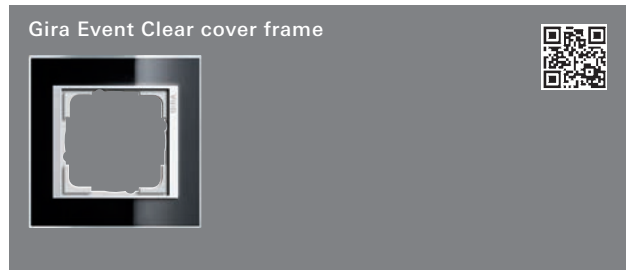
1-gang	0211 728	10	11
2-gang	0212 728	10	11
2-gang without crossbar	1002 728	10	11
3-gang	0213 728	1/5	11
4-gang	0214 728	1/5	11
5-gang	0215 728	1/5	11



white
with colour aluminium intermediate frame

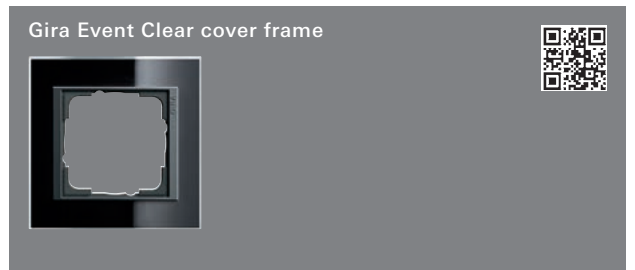
1-gang	0211 726	10	11
2-gang	0212 726	10	11
2-gang without crossbar	1002 726	10	11
3-gang	0213 726	1/5	11
4-gang	0214 726	1/5	11
5-gang	0215 726	1/5	11

Specifications Order No. P. unit PS



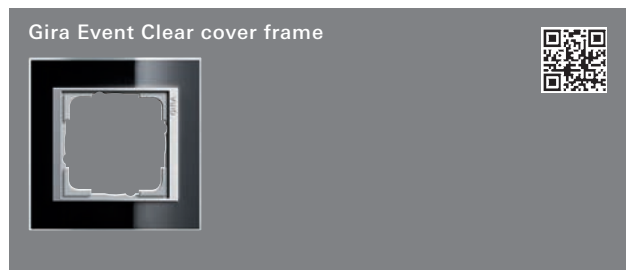
black
with pure white glossy intermediate frame

1-gang	0211 733	10	11
2-gang	0212 733	10	11
2-gang without crossbar	1002 733	10	11
3-gang	0213 733	1/5	11
4-gang	0214 733	1/5	11
5-gang	0215 733	1/5	11



black
with anthracite intermediate frame

1-gang	0211 738	10	11
2-gang	0212 738	10	11
2-gang without crossbar	1002 738	10	11
3-gang	0213 738	1/5	11
4-gang	0214 738	1/5	11
5-gang	0215 738	1/5	11

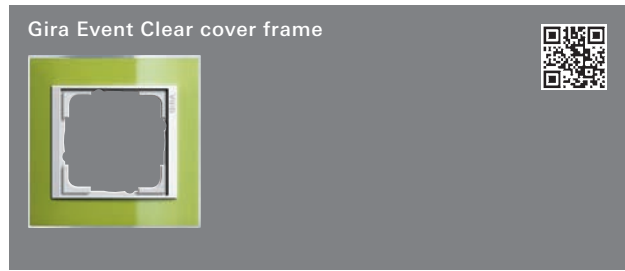


black
with colour aluminium intermediate frame

1-gang	0211 736	10	11
2-gang	0212 736	10	11
2-gang without crossbar	1002 736	10	11
3-gang	0213 736	1/5	11
4-gang	0214 736	1/5	11
5-gang	0215 736	1/5	11

Event Clear
System 55

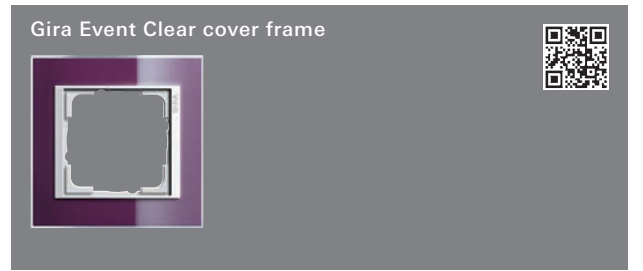
Specifications Order No. P. unit PS



green
with pure white glossy intermediate frame

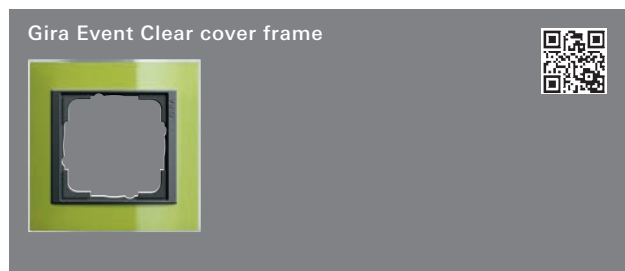
1-gang	0211 743	10	11
2-gang	0212 743	10	11
2-gang without crossbar	1002 743	10	11
3-gang	0213 743	1/5	11
4-gang	0214 743	1/5	11
5-gang	0215 743	1/5	11

Specifications Order No. P. unit PS



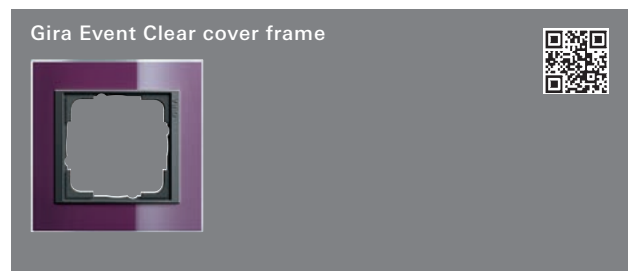
aubergine
with pure white glossy intermediate frame

1-gang	0211 753	10	11
2-gang	0212 753	10	11
2-gang without crossbar	1002 753	10	11
3-gang	0213 753	1/5	11
4-gang	0214 753	1/5	11
5-gang	0215 753	1/5	11



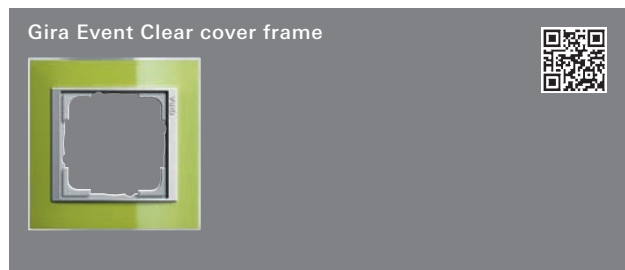
green
with anthracite intermediate frame

1-gang	0211 748	10	11
2-gang	0212 748	10	11
2-gang without crossbar	1002 748	10	11
3-gang	0213 748	1/5	11
4-gang	0214 748	1/5	11
5-gang	0215 748	1/5	11



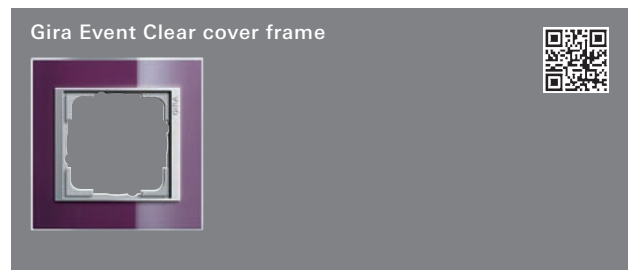
aubergine
with anthracite intermediate frame

1-gang	0211 758	10	11
2-gang	0212 758	10	11
2-gang without crossbar	1002 758	10	11
3-gang	0213 758	1/5	11
4-gang	0214 758	1/5	11
5-gang	0215 758	1/5	11



green
with colour aluminium intermediate frame

1-gang	0211 746	10	11
2-gang	0212 746	10	11
2-gang without crossbar	1002 746	10	11
3-gang	0213 746	1/5	11
4-gang	0214 746	1/5	11
5-gang	0215 746	1/5	11

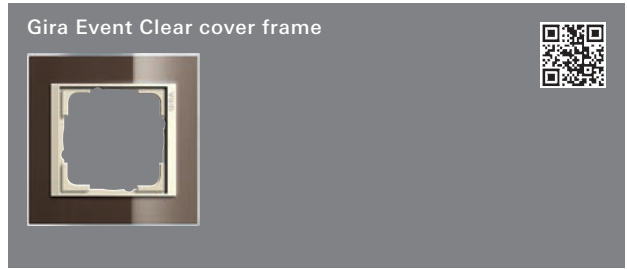


aubergine
with colour aluminium intermediate frame

1-gang	0211 756	10	11
2-gang	0212 756	10	11
2-gang without crossbar	1002 756	10	11
3-gang	0213 756	1/5	11
4-gang	0214 756	1/5	11
5-gang	0215 756	1/5	11

Event Clear System 55

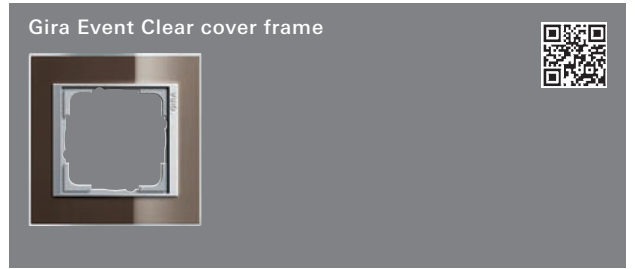
Specifications Order No. P. unit PS



brown
with cream white glossy intermediate frame

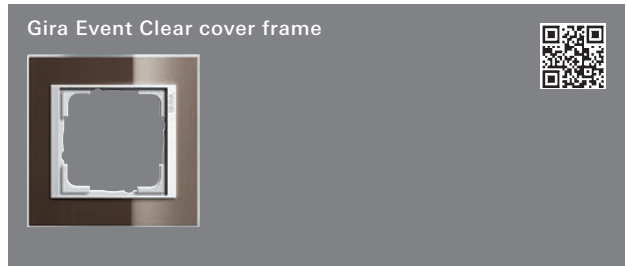
1-gang	0211 761	10/100	11
2-gang	0212 761	10/100	11
2-gang without crossbar	1002 761	10	11
3-gang	0213 761	1/5	11
4-gang	0214 761	1/5	11
5-gang	0215 761	1/5	11

Specifications Order No. P. unit PS



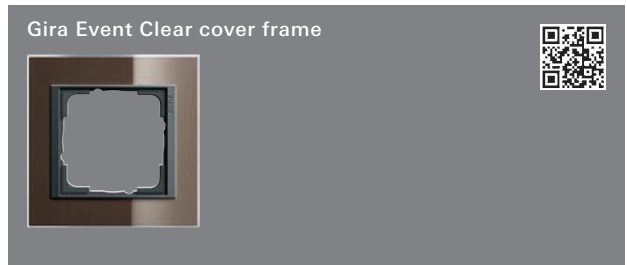
brown
with colour aluminium intermediate frame

1-gang	0211 766	10	11
2-gang	0212 766	10	11
2-gang without crossbar	1002 766	10	11
3-gang	0213 766	1/5	11
4-gang	0214 766	1/5	11
5-gang	0215 766	1/5	11



brown
with pure white glossy intermediate frame

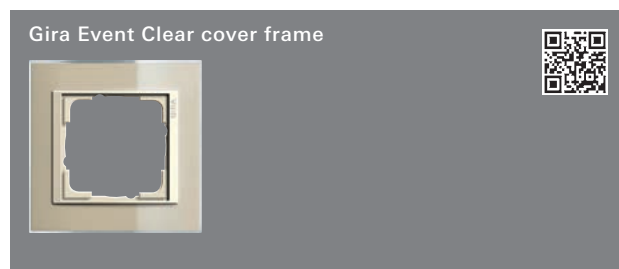
1-gang	0211 763	10	11
2-gang	0212 763	10	11
2-gang without crossbar	1002 763	10	11
3-gang	0213 763	1/5	11
4-gang	0214 763	1/5	11
5-gang	0215 763	1/5	11



brown
with anthracite intermediate frame

1-gang	0211 768	10	11
2-gang	0212 768	10	11
2-gang without crossbar	1002 768	10	11
3-gang	0213 768	1/5	11
4-gang	0214 768	1/5	11
5-gang	0215 768	1/5	11

Specifications Order No. P. unit PS



sand
with cream white glossy intermediate frame

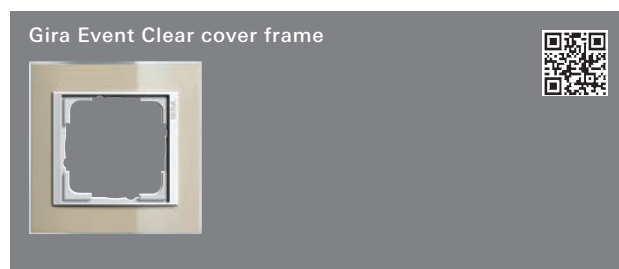
1-gang	0211 771	10	11
2-gang	0212 771	10/100	11
2-gang without crossbar	1002 771	10	11
3-gang	0213 771	1/5	11
4-gang	0214 771	1/5	11
5-gang	0215 771	1/5	11

Specifications Order No. P. unit PS



sand
with colour aluminium intermediate frame

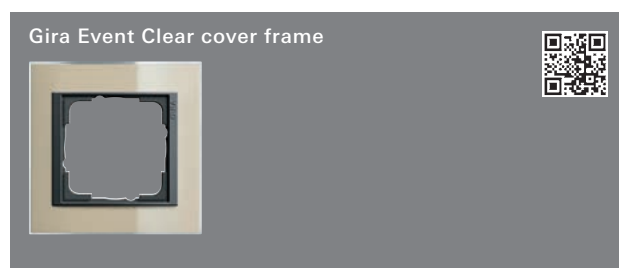
1-gang	0211 776	10	11
2-gang	0212 776	10	11
2-gang without crossbar	1002 776	10	11
3-gang	0213 776	1/5	11
4-gang	0214 776	1/5	11
5-gang	0215 776	1/5	11



sand
with pure white glossy intermediate frame

1-gang	0211 773	10	11
2-gang	0212 773	10	11
2-gang without crossbar	1002 773	10	11
3-gang	0213 773	1/5	11
4-gang	0214 773	1/5	11
5-gang	0215 773	1/5	11

Event Clear
System 55



sand
with anthracite intermediate frame

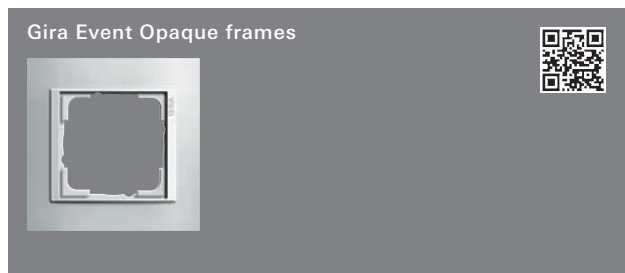
1-gang	0211 778	10	11
2-gang	0212 778	10	11
2-gang without crossbar	1002 778	10	11
3-gang	0213 778	1/5	11
4-gang	0214 778	1/5	11
5-gang	0215 778	1/5	11

Specifications Order No. P. unit PS

Gira Event Opaque frames

Features

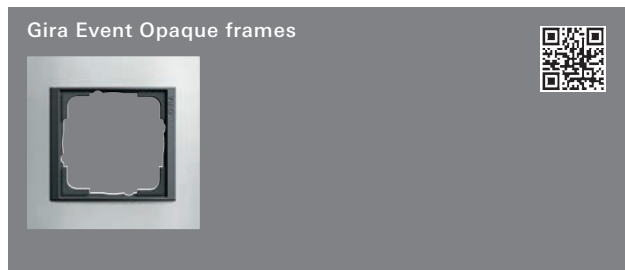
- Shatter-proof.



white

with pure white glossy intermediate frame

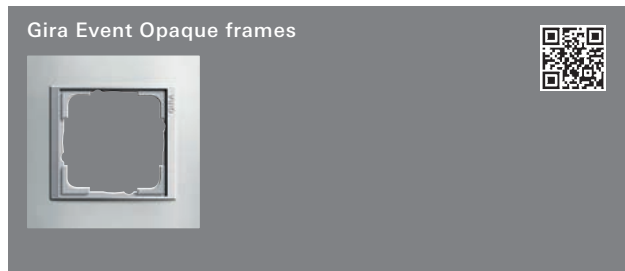
1-gang	0211 334	10/100	01
2-gang	0212 334	10/100	01
2-gang without crossbar	1002 334	10	01
3-gang	0213 334	1/5	01
4-gang	0214 334	1/5	01
5-gang	0215 334	1/5	01



white

with anthracite intermediate frame

1-gang	0211 24	10	11
2-gang	0212 24	10	11
2-gang without crossbar	1002 24	10	11
3-gang	0213 24	1/5	11
4-gang	0214 24	1/5	11
5-gang	0215 24	1/5	11

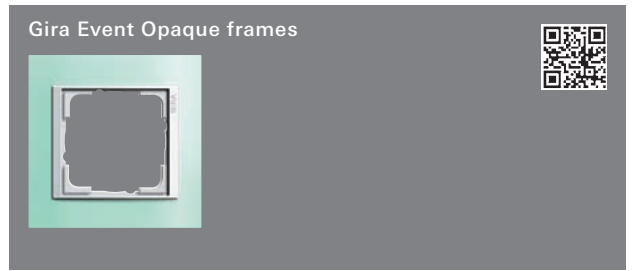


white

with colour aluminium intermediate frame

1-gang	0211 50	10	11
2-gang	0212 50	10	11
2-gang without crossbar	1002 50	10	11
3-gang	0213 50	1/5	11
4-gang	0214 50	1/5	11
5-gang	0215 50	1/5	11

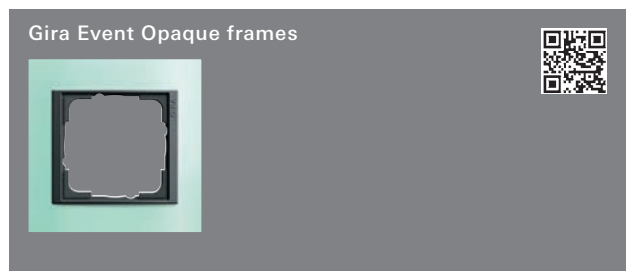
Specifications Order No. P. unit PS



mint

with pure white glossy intermediate frame

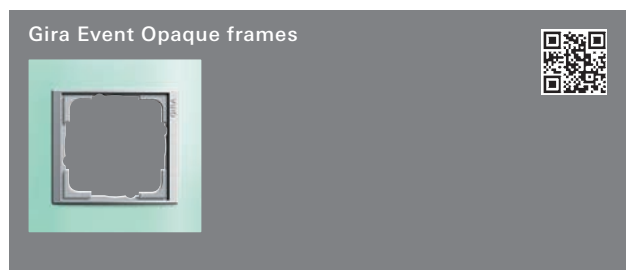
1-gang	0211 395	10	11
2-gang	0212 395	10	11
2-gang without crossbar	1002 395	10	11
3-gang	0213 395	1/5	11
4-gang	0214 395	1/5	11
5-gang	0215 395	1/5	11



mint

with anthracite intermediate frame

1-gang	0211 85	10	11
2-gang	0212 85	10	11
2-gang without crossbar	1002 85	10	11
3-gang	0213 85	1/5	11
4-gang	0214 85	1/5	11
5-gang	0215 85	1/5	11



mint

with colour aluminium intermediate frame

1-gang	0211 51	10	11
2-gang	0212 51	10	11
2-gang without crossbar	1002 51	10	11
3-gang	0213 51	1/5	11
4-gang	0214 51	1/5	11
5-gang	0215 51	1/5	11

Event Opaque
System 55

Specifications Order No. P. unit PS



orange
with pure white glossy intermediate frame

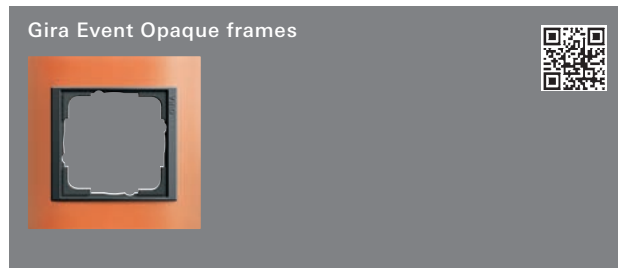
1-gang	0211 397	10	11
2-gang	0212 397	10	11
2-gang without crossbar	1002 397	10	11
3-gang	0213 397	1/5	11
4-gang	0214 397	1/5	11
5-gang	0215 397	1/5	11

Specifications Order No. P. unit PS



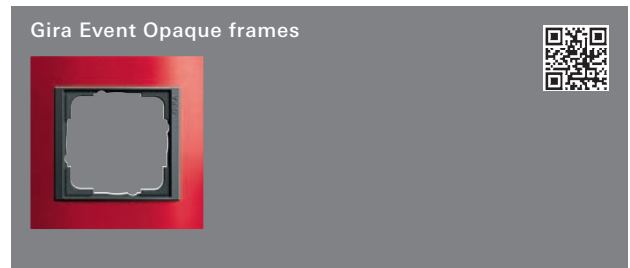
red
with pure white glossy intermediate frame

1-gang	0211 398	10	11
2-gang	0212 398	10	11
2-gang without crossbar	1002 398	10	11
3-gang	0213 398	1/5	11
4-gang	0214 398	1/5	11
5-gang	0215 398	1/5	11



orange
with anthracite intermediate frame

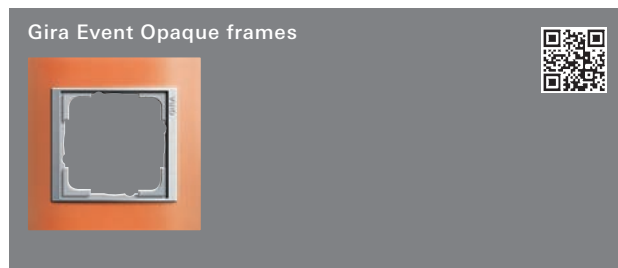
1-gang	0211 87	10	11
2-gang	0212 87	10	11
2-gang without crossbar	1002 87	10	11
3-gang	0213 87	1/5	11
4-gang	0214 87	1/5	11
5-gang	0215 87	1/5	11



red
with anthracite intermediate frame

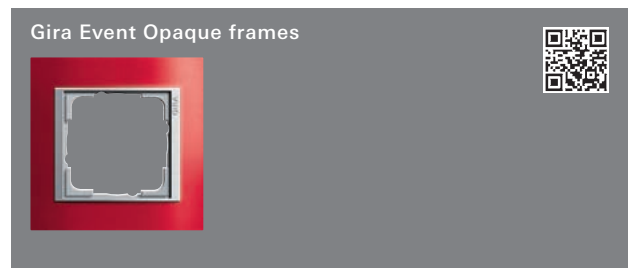
1-gang	0211 88	10	11
2-gang	0212 88	10	11
2-gang without crossbar	1002 88	10	11
3-gang	0213 88	1/5	11
4-gang	0214 88	1/5	11
5-gang	0215 88	1/5	11

Event Opaque System 55



orange
with colour aluminium intermediate frame

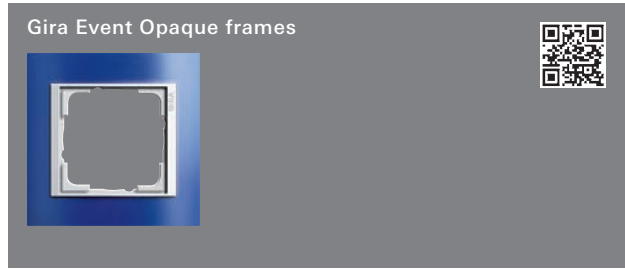
1-gang	0211 53	10	11
2-gang	0212 53	10	11
2-gang without crossbar	1002 53	10	11
3-gang	0213 53	1/5	11
4-gang	0214 53	1/5	11
5-gang	0215 53	1/5	11



red
with colour aluminium intermediate frame

1-gang	0211 92	10	11
2-gang	0212 92	10	11
2-gang without crossbar	1002 92	10	11
3-gang	0213 92	1/5	11
4-gang	0214 92	1/5	11
5-gang	0215 92	1/5	11

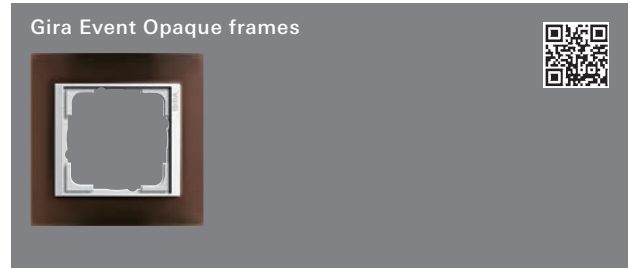
Specifications Order No. P. unit PS



blue
with pure white glossy intermediate frame

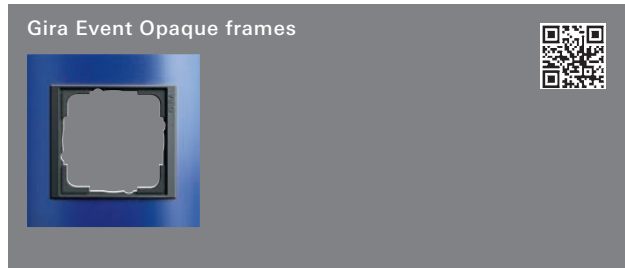
1-gang	0211 399	10	11
2-gang	0212 399	10	11
2-gang without crossbar	1002 399	10	11
3-gang	0213 399	1/5	11
4-gang	0214 399	1/5	11
5-gang	0215 399	1/5	11

Specifications Order No. P. unit PS



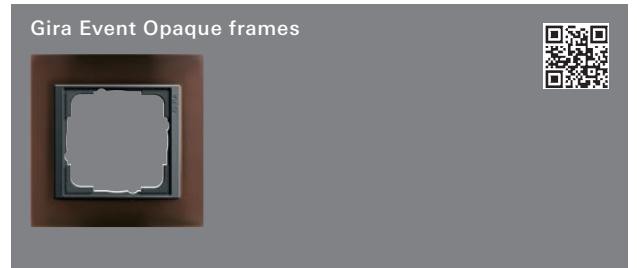
dark brown
with pure white glossy intermediate frame

1-gang	0211 331	10	11
2-gang	0212 331	10	11
2-gang without crossbar	1002 331	10	11
3-gang	0213 331	1/5	11
4-gang	0214 331	1/5	11
5-gang	0215 331	1/5	11



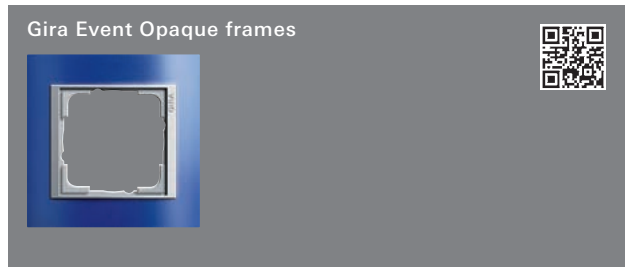
blue
with anthracite intermediate frame

1-gang	0211 89	10	11
2-gang	0212 89	10	11
2-gang without crossbar	1002 89	10	11
3-gang	0213 89	1/5	11
4-gang	0214 89	1/5	11
5-gang	0215 89	1/5	11



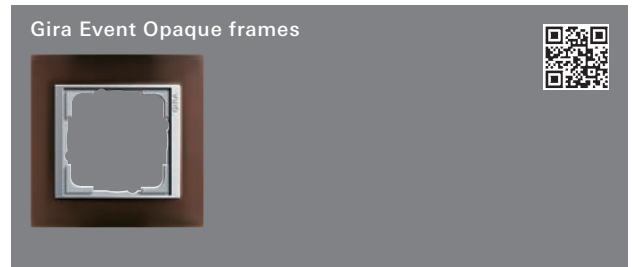
dark brown
with anthracite intermediate frame

1-gang	0211 13	10	11
2-gang	0212 13	10/100	11
2-gang without crossbar	1002 13	10	11
3-gang	0213 13	1/5	11
4-gang	0214 13	1/5	11
5-gang	0215 13	1/5	11



blue
with colour aluminium intermediate frame

1-gang	0211 93	10	11
2-gang	0212 93	10	11
2-gang without crossbar	1002 93	10	11
3-gang	0213 93	1/5	11
4-gang	0214 93	1/5	11
5-gang	0215 93	1/5	11

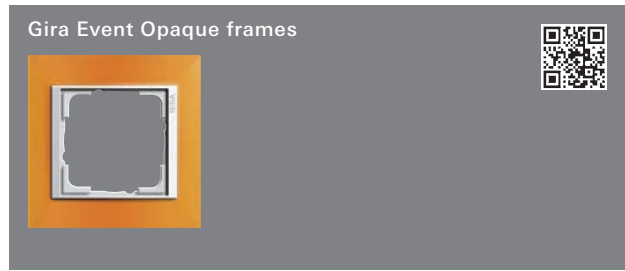


dark brown
with colour aluminium intermediate frame

1-gang	0211 59	10	11
2-gang	0212 59	10	11
2-gang without crossbar	1002 59	10	11
3-gang	0213 59	1/5	11
4-gang	0214 59	1/5	11
5-gang	0215 59	1/5	11

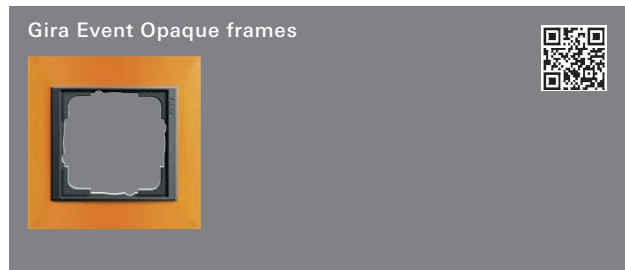
Event Opaque
System 55

Specifications Order No. P. unit PS



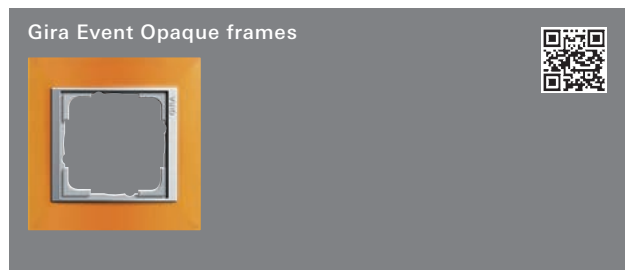
amber
with pure white glossy intermediate frame

1-gang	0211 332	10	11
2-gang	0212 332	10	11
2-gang without crossbar	1002 332	10	11
3-gang	0213 332	1/5	11
4-gang	0214 332	1/5	11
5-gang	0215 332	1/5	11



amber
with anthracite intermediate frame

1-gang	0211 14	10	11
2-gang	0212 14	10/100	11
2-gang without crossbar	1002 14	10	11
3-gang	0213 14	1/5	11
4-gang	0214 14	1/5	11
5-gang	0215 14	1/5	11

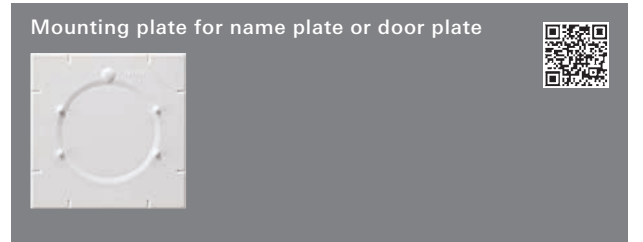


amber
with colour aluminium intermediate frame

1-gang	0211 69	10	11
2-gang	0212 69	10	11
2-gang without crossbar	1002 69	10	11
3-gang	0213 69	1/5	11
4-gang	0214 69	1/5	11
5-gang	0215 69	1/5	11

Specifications Order No. P. unit PS

Accessories



1-gang for Event, Event Clear, Event Opaque

pure white	1083 02	1	11
black	1083 00	1	01

2-gang for Event, Event Clear, Event Opaque

pure white	1084 02	1	11
black	1084 00	1	01

+ Necessary accessories
One of the following articles:

name/door pl. 1-g	1071 00	→	89
Name/door pl. 2-g	1072 00	→	89

- Features**
- The self-adhesive mounting plate is an adapter plate for attaching the name plate or door plate to smooth, transparent surfaces, e. g. glass panes.
 - The mounting plate allows for a clean-looking closure on the back of the surface.

Event Opaque System 55

Awards

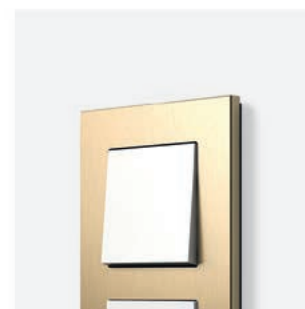
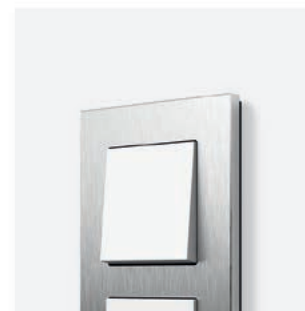
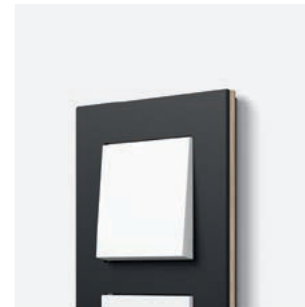
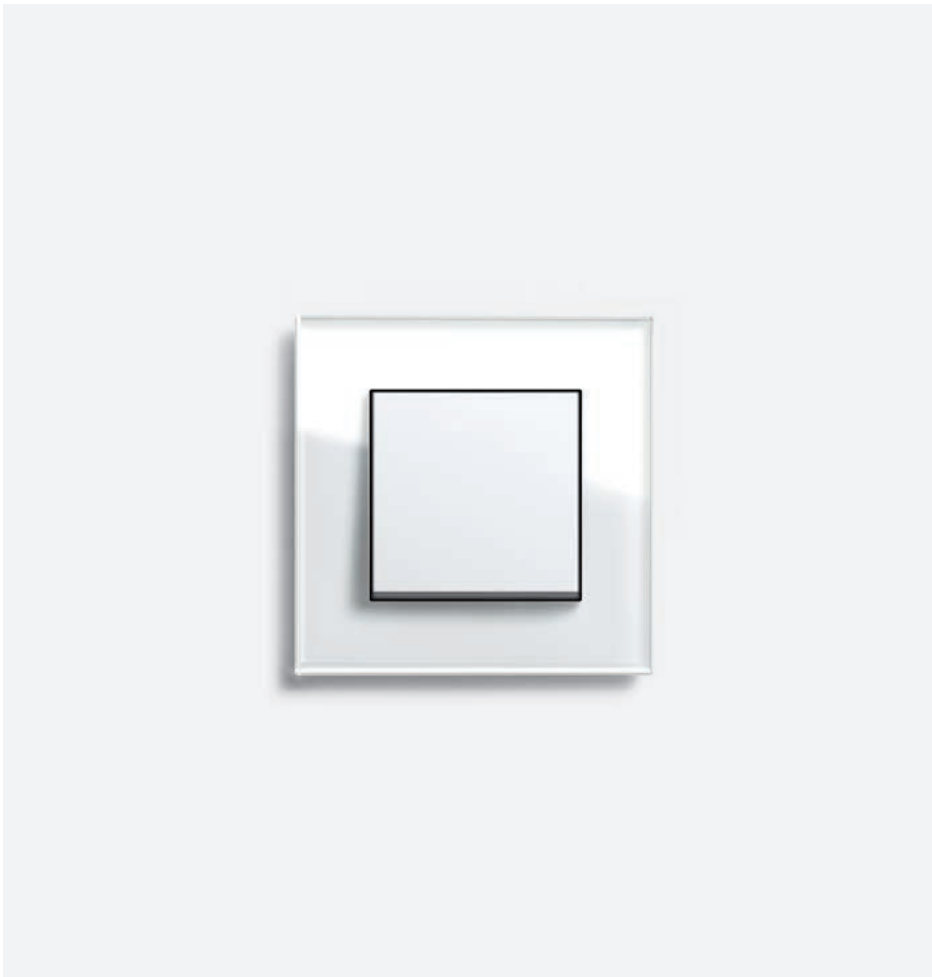
DESIGN PLUS 2000, red dot award 2001 [Gira Esprit Glass white], Plus X Award 2010 for high quality and design, Interior Innovation Award 2011, Plus X Award as best switch range 2014 [Gira Esprit linoleum-plywood], Plus X Award 2014 for high quality, design and function [Gira Esprit linoleum-plywood], Iconic Award 2014 Winner [Gira Esprit linoleum-plywood], iF product design award 2015 [Gira Esprit linoleum-plywood], German Design Award 2016 (Rat für Formgebung) [Gira Esprit linoleum-plywood]

Product design

Phoenix Design, Stuttgart [Gira Esprit Glass, white]
schmitz Visuelle Kommunikation [Gira Esprit linoleum-plywood]
Gira Design Team, Radevormwald

Gira Design Configurator

www.designconfigurator.gira.com



Esprit
System 55

Impressive variety of materials and clean geometric design

The Gira Esprit design line stylishly highlights high-quality surfaces. The material combination of linoleum and plywood is also very appealing. The focus is on the structure and quality of the materials used. The Gira Esprit glass C design variant, with its soft edges and rounded corners, offers additional variety. More than 300 functions for intelligent building technology can be combined with the Gira Esprit design line.

Characteristics

- More than 300 functions available.
- Clear, elegant geometry and unusual variety of materials.
- Suitable for vertical and horizontal installation.
- Large possible range of combinations of cover frames and inserts.
- High-quality workmanship using select materials.
- Flush-mounted installation (IP20).

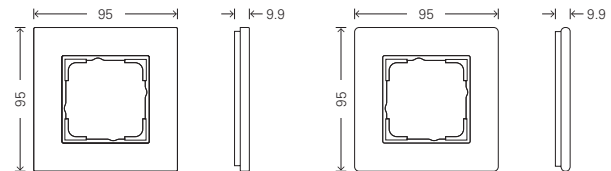
Technical data

Platform:	System 55
Cover frame:	Linoleum-plywood, stainless steel, aluminium, chrome, glass/glass C,
Inserts:	Thermoplastic (PC)
Installation type:	Flush-mounted
Protection type:	IP20

Note

- The linoleum-plywood design uses a natural product made of five layers of cross-bonded Finnish birch plywood, gauged and glued to the linoleum. Colour deviations are possible.

Dimensions in mm



Glass C

Cover frame, 1-gang:	W 95	H 95	D 9.9
Cover frame, 1.5-gang:	W 95	H 135.5	D 9.9
Cover frame, 2-gang:	W 95	H 166	D 9.9
Cover frame, 3-gang:	W 95	H 236.8	D 9.9
Cover frame, 4-gang:	W 95	H 308	D 9.9
Cover frame, 5-gang:	W 95	H 380.2	D 9.9

Corner radius glass C:	R 6
Circumferential radius glass C:	R 3.3
Chamfer aluminium, glass:	0.3 × 45°
Chamfer chrome:	1.5 × 45°
Chamfer linoleum-plywood:	30°

Variants



Black glass Umber glass Mint glass White glass Glass C black Glass C umber Mint glass C White glass C



Aluminium black Aluminium brown Aluminium Aluminium light gold Chrome Stainless steel



Linoleum-plywood anthracite (similar to NCS S 8502-B) Linoleum-plywood light grey (similar to NCS S 2002-Y) Linoleum-plywood blue (similar to NCS S 7010-R90B) Linoleum-plywood light brown (similar to NCS S 6010-Y30R) Linoleum-plywood dark brown (similar to NCS S 8005-Y80R) Linoleum-plywood red (similar to NCS S 2570-Y90R)



Cover frame
→ 132

Specifications Order No. P. unit PS

Gira Esprit cover frame

Gira Esprit cover frame



white glass

	Order No.	P. unit	PS
1-gang	0211 12	1/100	11
2-gang	0212 12	1/100	11
2-gang without crossbar	1002 12	1/100	11
3-gang	0213 12	1/100	11
4-gang	0214 12	1/100	11
5-gang	0215 12	1	11

Gira Esprit cover frame



mint glass

	Order No.	P. unit	PS
1-gang	0211 18	1/100	11
2-gang	0212 18	1/100	11
2-gang without crossbar	1002 18	1	11
3-gang	0213 18	1/100	11
4-gang	0214 18	1/100	11
5-gang	0215 18	1	11

Gira Esprit cover frame



black glass

	Order No.	P. unit	PS
1-gang	0211 05	1/100	11
2-gang	0212 05	1/100	11
2-gang without crossbar	1002 05	1	11
3-gang	0213 05	1/100	11
4-gang	0214 05	1/100	11
5-gang	0215 05	1	11

Specifications Order No. P. unit PS

Gira Esprit cover frame



umber glass

	Order No.	P. unit	PS
1-gang	0211 122	1/100	11
2-gang	0212 122	1/100	11
2-gang without crossbar	1002 122	1/1	11
3-gang	0213 122	1/100	11
4-gang	0214 122	1/1	11
5-gang	0215 122	1/1	11

Gira Esprit cover frame



white glass C

	Order No.	P. unit	PS
1-gang	0211 512	1/100	11
2-gang	0212 512	1/100	11
2-gang without crossbar	1002 512	1	11
3-gang	0213 512	1/100	11
4-gang	0214 512	1/100	11
5-gang	0215 512	1	11

Gira Esprit cover frame



mint glass C

	Order No.	P. unit	PS
1-gang	0211 518	1/1	11
2-gang	0212 518	1/1	11
2-gang without crossbar	1002 518	1/1	11
3-gang	0213 518	1/1	11
4-gang	0214 518	1	11
5-gang	0215 518	1	11

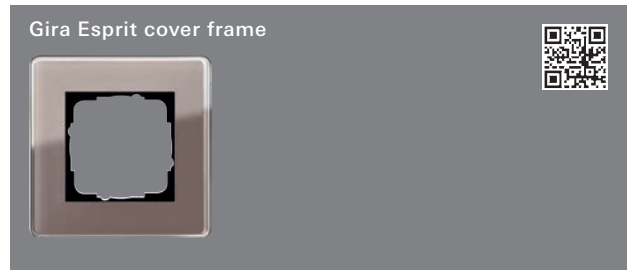
Gira Esprit cover frame



black glass C

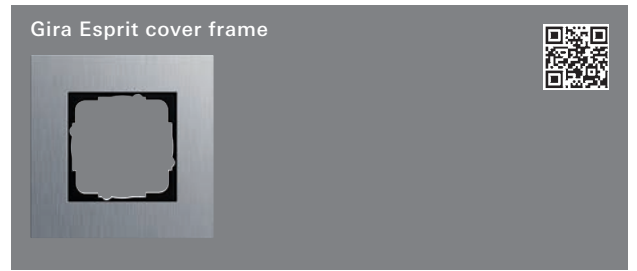
	Order No.	P. unit	PS
1-gang	0211 505	1/1	11
2-gang	0212 505	1/100	11
2-gang without crossbar	1002 505	1	11
3-gang	0213 505	1/1	11
4-gang	0214 505	1/1	11
5-gang	0215 505	1	11

Specifications Order No. P. unit PS



Amber glass C			
1-gang	0211 522	1/100	11
2-gang	0212 522	1/100	11
2-gang without crossbar	1002 522	1	11
3-gang	0213 522	1/1	11
4-gang	0214 522	1	11
5-gang	0215 522	1	11

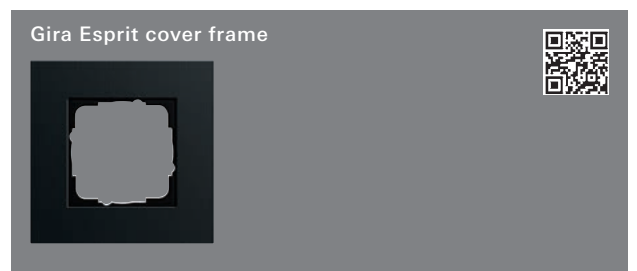
Specifications Order No. P. unit PS



aluminium			
1-gang	0211 17	1/100	11
2-gang	0212 17	1/100	11
2-gang without crossbar	1002 17	1	11
3-gang	0213 17	1/100	11
4-gang	0214 17	1/100	11

Features

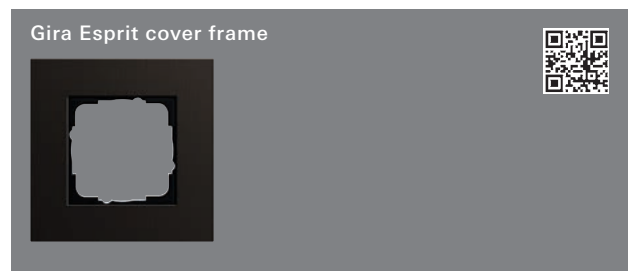
- Anodised aluminium E 1 EV 1.



aluminium black			
1-gang	0211 126	1	11
2-gang	0212 126	1/30	11
2-gang without crossbar	1002 126	1	11
3-gang	0213 126	1	11
4-gang	0214 126	1	11

Features

- Anodised aluminium E 1. Colour deviations are possible.



aluminium brown			
1-gang	0211 127	1/100	11
2-gang	0212 127	1/100	11
2-gang without crossbar	1002 127	1	11
3-gang	0213 127	1	11
4-gang	0214 127	1	11

Features

- Anodised aluminium E 1. Colour deviations are possible.

Specifications Order No. P. unit PS

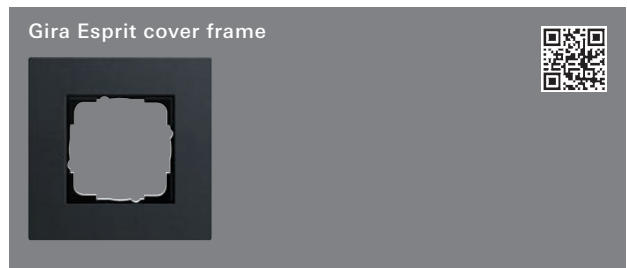


chrome

1-gang	0211 10	1/100	11
2-gang	0212 10	1/100	11
2-gang without crossbar	1002 10	1	11
3-gang	0213 10	1	11
4-gang	0214 10	1	11

Features
- Highly-polished surface.

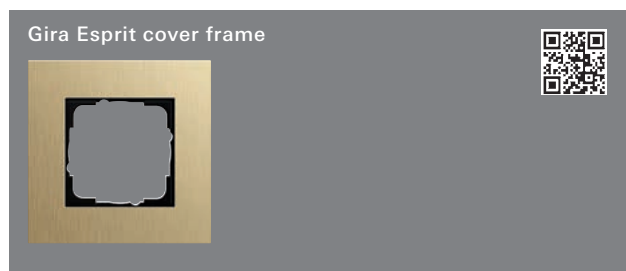
Specifications Order No. P. unit PS



linoleum-plywood anthracite

1-gang	0211 226	1	11
2-gang	0212 226	1	11
2-gang without crossbar	1002 226	1	11
3-gang	0213 226	1	11
4-gang	0214 226	1	11

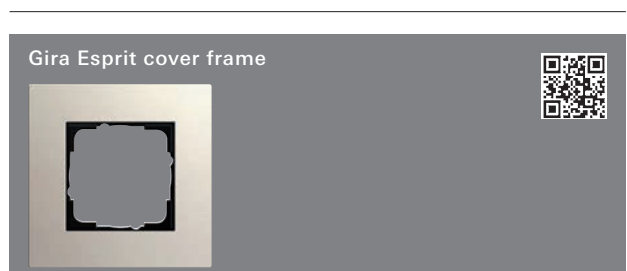
Notes
- Natural product. Colour deviations are possible.
- NCS value: approx. NCS S 8502-B



aluminium light gold

1-gang	0211 217	1	11
2-gang	0212 217	1	11
2-gang without crossbar	1002 217	1	11
3-gang	0213 217	1	11
4-gang	0214 217	1	11

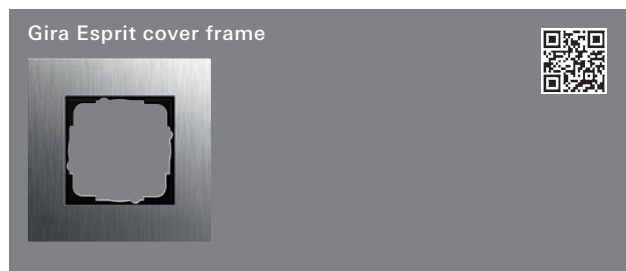
Features
- Anodised aluminium EV 2. Colour deviations are possible.



linoleum-plywood light grey

1-gang	0211 220	1	11
2-gang	0212 220	1	11
2-gang without crossbar	1002 220	1	11
3-gang	0213 220	1	11
4-gang	0214 220	1	11

Notes
- Natural product. Colour deviations are possible.
- NCS value: approx. NCS S 2002-Y



stainless steel

1-gang	0211 219	1	11
2-gang	0212 219	1	11
2-gang without crossbar	1002 219	1	11
3-gang	0213 219	1	11
4-gang	0214 219	1	11

Features
- Brushed stainless steel.



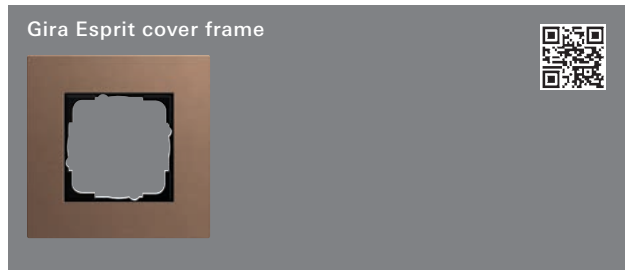
linoleum-plywood blue

1-gang	0211 227	1	11
2-gang	0212 227	1	11
2-gang without crossbar	1002 227	1	11
3-gang	0213 227	1	11
4-gang	0214 227	1	11

Notes
- Natural product. Colour deviations are possible.
- NCS value: approx. NCS S 7010-R90B

Esprit System 55

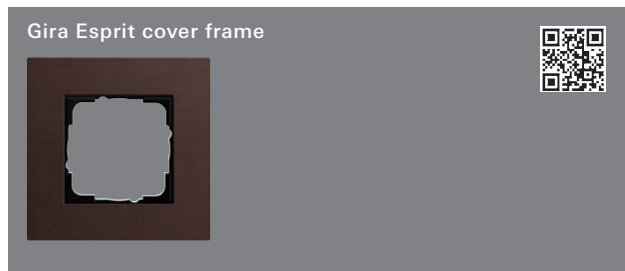
Specifications Order No. P. unit PS



linoleum-plywood light brown

1-gang	0211 221	1	11
2-gang	0212 221	1	11
2-gang without crossbar	1002 221	1	11
3-gang	0213 221	1	11
4-gang	0214 221	1	11

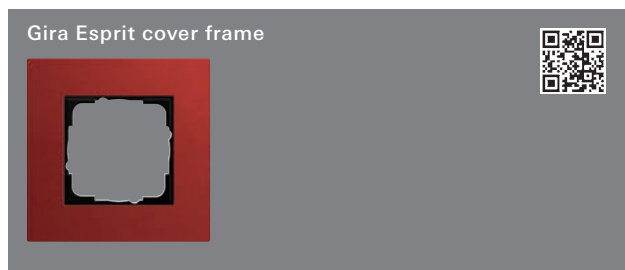
Notes
 - Natural product. Colour deviations are possible.
 - NCS value: approx. NCS S 6010-Y30R



Linoleum-plywood dark brown

1-gang	0211 223	1	11
2-gang	0212 223	1	11
2-gang without crossbar	1002 223	1	11
3-gang	0213 223	1	11
4-gang	0214 223	1	11

Notes
 - Natural product. Colour deviations are possible.
 - NCS value: approx. NCS S 8005-Y80R



linoleum-plywood red

1-gang	0211 229	1	11
2-gang	0212 229	1	11
2-gang without crossbar	1002 229	1	11
3-gang	0213 229	1	11
4-gang	0214 229	1	11

Notes
 - Natural product. Colour deviations are possible.
 - NCS value: approx. NCS S 2570-Y90R

Esprit
System 55

Gira Studio System 55

N New product.

Gira Studio cover frame	140
Surface-mounted	140

Awards

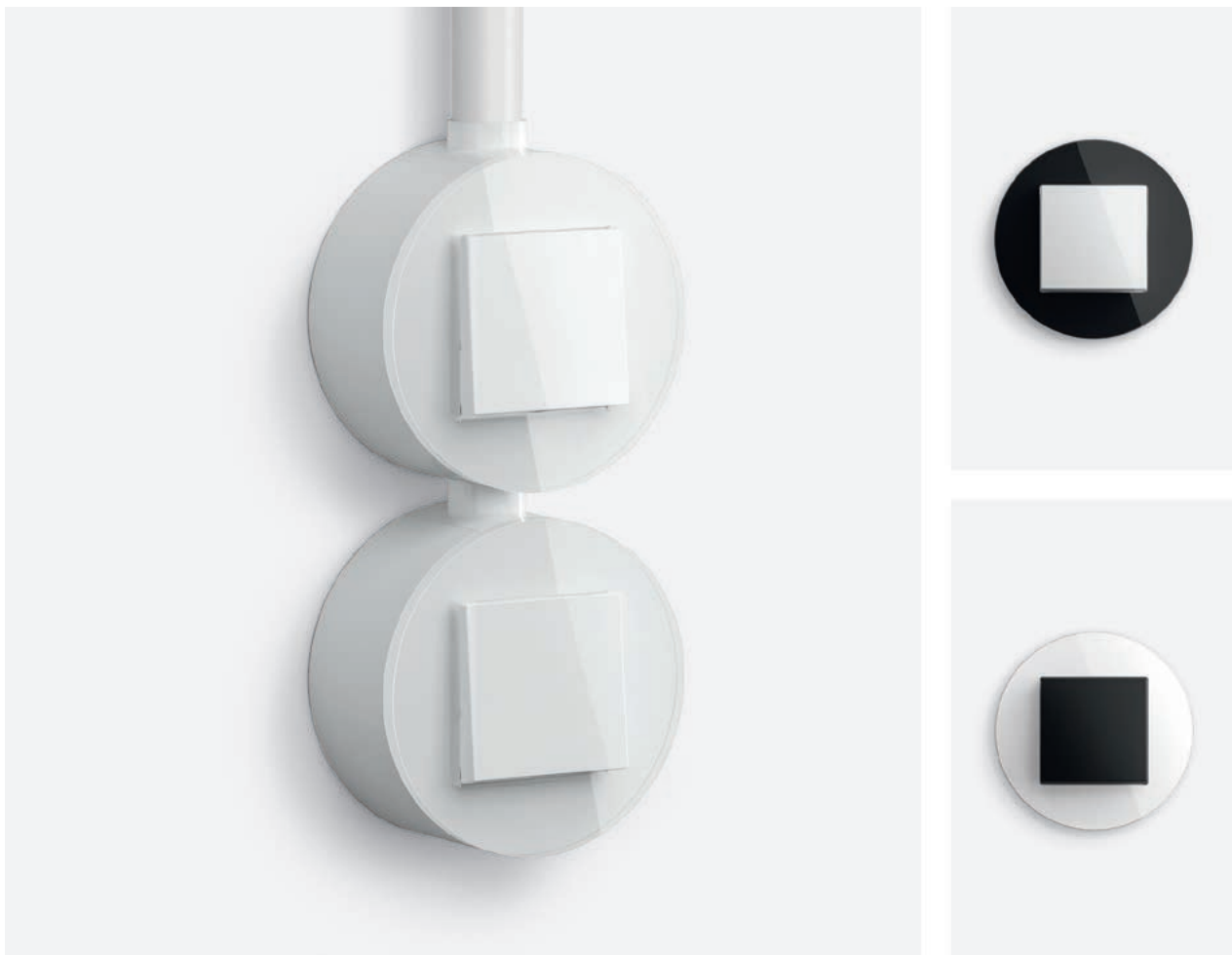
Iconic Award Best of Best, 2019

Product design

Gira design team, Radevormwald

Gira Design Configurator

www.designkonfigurator.gira.de



Studio
System 55

Striking shapes and colours. Superior functions.

Two new design lines are coming to building walls: Gira Studio and Gira Studio AP. Gira Studio's key design element is a clear visual contrast, both in terms of colour and of shape: Black. White. Round. Rectangular. Gira Studio AP focuses on the special material of the switch – which is made of glass – and its surface-mounted installation, with both aspects combining to produce a distinctive effect. Gira Studio and Gira Studio AP also offer impressive functionality: they are compatible with the more than 300 functions from the full range of Gira System 55 and can also be extended as desired thanks to the modular design of the 1-gang cover frames.

Characteristics

- More than 300 functions available.
- Suitable for vertical and horizontal installation.
- Flush-mounted or surface-mounted (Studio AP) (IP20).

Studio features:

- 1-gang cover frame can be extended as desired.
- Cover frames 1 to 3-gang, 2-gang w/o crossbar
- Cover frames in white glass and black glass

Studio AP features:

- Electrical installation is simple, breaking open walls is not required.
- Cable and duct entry for safe and clean device connection.
- 1-gang housing in pure white glossy and black glossy, shock and shatter-proof halogen-free material; can be extended as desired
- 1-gang cover frames in white glass and black glass

Accessories for Studio AP:

- Adapter for cable entry for pipes \varnothing 20 mm and for ducts 15 x 15 mm and 20 x 30 mm
- Connection piece for surface-mounted housing in pure white glossy and black glossy

Technical data

Platform:	System 55
Material:	White glass, black glass, thermoplastic (PC) (Studio AP)
Installation type:	Flush-mounted (Studio) or surface-mounted (Studio AP)
Protection type:	IP20

Note

- 71-mm screw spacing customary for flush-mounted installation is increased to 111 mm using 2x spacer glands. (Art.no. Kaiser: 1159-34)

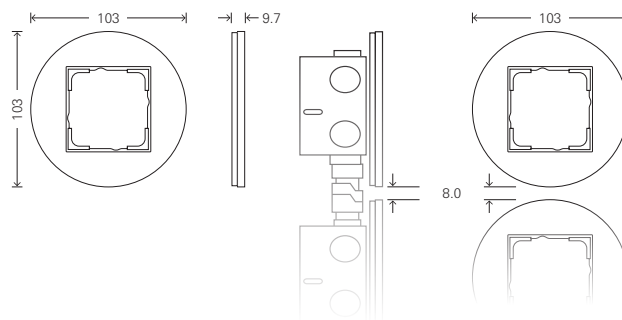
Variants



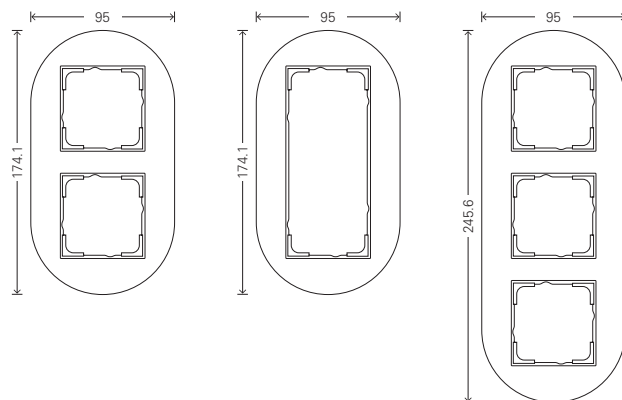
White glass

Black glass

Gira Studio, dimensions in mm

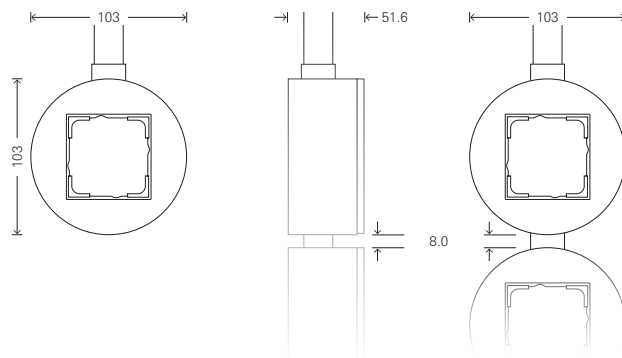


Cover frame, 1-gang: W 103 H 103 D 9.7
Can be extended as desired using Kaiser spacer glands (art.no. 1159-34) and Gira drilling template (www.download.gira.de)



Cover frame, 2-gang: W 95 H 174.1 D 9.7
Cover frame, 3-gang: W 95 H 245.6 D 9.7

Gira Studio AP, dimensions in mm



Cover frame, 1-gang: W 103 H 103 D 51.6
Can be extended as desired using Gira connection pieces (art.no. 0013...) and Gira drilling template (www.download.gira.de)



Cover frame
→ 140



Surface-mounted
→ 140

Specifications Order No. P. unit PS

Gira Studio cover frame

Installation in standard device boxes, can be extended as required through installation in device boxes with spacer glands.

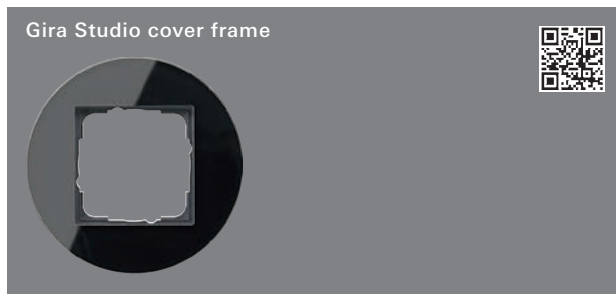
For surface-mounted installation: Gira Studio, housing, 1-gang, with cover frame, 1-gang, can be extended as required.

Gira Studio cover frame



white glass			
1-gang	0211 130	1	11
2-gang	0212 130	1	11
2-gang without crossbar	1002 130	1	11
3-gang	0213 130	1	11

+ Optional accessories
SM hous. 1-g 0061 05. → 140



black glass			
1-gang	0211 135	1	11
2-gang	0212 135	1	11
2-gang without crossbar	1002 135	1	11
3-gang	0213 135	1	11

+ Optional accessories
SM hous. 1-g 0061 05. → 140

Specifications Order No. P. unit PS

Surface-mounted

Gira Studio surface-mounted housing



1-gang for Studio			
pure white glossy	0061 053	1	13
Black glossy	0061 055	1	13

+ Necessary accessories
One of the following articles:
Cov.fr. 1-g 0211 130 → 140
Cov.fr. 1-g 0211 135 → 140

+ Optional accessories
Adapter cab.entry 1-g channel 15 x 15 mm 0008 .. → 140
Adapter cab.entry 1-g channel 20 x 30 mm 0017 .. → 140
Adapter cab.entry 1-g tube M20 0011 .. → 141
Conn.piece SM hous. 0013 .. → 141

Technical data
Dimensions in mm Ø 130 H 51,6

Scope of supply
- Frame is **not** included in the scope of supply.

Adapter for cable entry, 1-gang for 15 x 15 mm channel



pure white glossy	0008 053	5	01
Black glossy	0008 055	5	11

+ Necessary accessories
SM hous. 1-g 0061 05. → 140

Adapter for cable entry, 1-gang for 20 x 30 mm channel



pure white glossy	0017 053	5	01
Black glossy	0017 055	5	11

+ Necessary accessories
SM hous. 1-g 0061 05. → 140

Specifications	Order No.	P. unit	PS
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Adapter for cable entry, 1-gang
for Ø 20 mm pipe



pure white glossy	0011 053	5	01
Black glossy	0011 055	5	11

+ Necessary accessories

SM hous. 1-g **0061 05.** → 140

Notes

- Installation ducting in matching glossy pure white or black by a variety of manufacturers are available from wholesale.

Example:

Fränkische Rohrwerke Gebr. Kirchner GmbH & Co. KG

Pure white glossy (like RAL 9010)

- straight plastic pipe M20, art. no. 22520120

- clamp M20, art. no. 22572020

Glossy black (like RAL 9005)

- straight plastic pipe M20, art. no. 22611020

- clamp M20, art no. 22771020

Connection piece for Gira Studio surface-mounted housing



pure white glossy	0013 053	5	01
Black glossy	0013 055	5	11

+ Necessary accessories

SM hous. 1-g **0061 05.** → 140

Product design
Phoenix Design, Stuttgart
Gira Design Team, Radevormwald

Gira Design Configurator
www.designconfigurator.gira.com



Elegant. Classic. Perfectly designed.

With its elegant design, the Gira ClassiX design line is the ideal solution for exclusive room concepts and classic interiors. In the ClassiX design line, there is a choice of versions made of glossy golden brass, brushed bronze or glossy silver chrome, each as a full-metal version and in combinations with black and cream-white elements. In the ClassiX Art range, the high-quality cover frames are finished with artistic detailing.

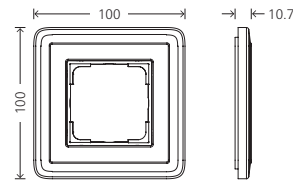
Characteristics

- More than 300 functions available.
- Harmoniously-rounded cover frame with luxurious appearance, in brass, bronze and chrome.
- Suitable for vertical and horizontal installation.
- High-quality workmanship using select materials.
- ClassiX Art: delicate lasered-in details set attractive accents.
- Individual surface shading makes every piece unique.
- The cover frames are perfected by hand and made of brushed bronze with an individual, visibly-grained structure.
- Impact-resistant and shatter-proof, halogen-free material.
- Flush-mounted installation (IP20).

Technical data

Platform:	System 55
Material:	Stainless steel 1.4301 (V2A), electroplated, burnished bronze, polished, matt, high-gloss brass, high-gloss chrome
Installation type:	Flush-mounted
Protection type:	IP20

Dimensions in mm



Cover frame, 1-gang:	W 100	H 100	D 10.7
Cover frame, 2-gang:	W 100	H 171.2	D 10.7
Cover frame, 3-gang:	W 100	H 242.4	D 10.7
Cover frame, 4-gang:	W 100	H 313.6	D 10.7
Cover frame, 5-gang:	W 100	H 384.8	D 10.7

Corner radius: R 0.9

Notes

As the products in bronze are manufactured and distressed piece-by-piece, slight variations in colour may occur.

Variants



Bronze



Bronze + cream white



Bronze + black



Art, bronze



Art, bronze + cream white



Art, bronze + black



Chrome



Chrome + cream white



Chrome + black



Art, chrome



Art, chrome + cream white



Art, chrome + black



Brass



Brass + cream white



Brass + black



Art, brass



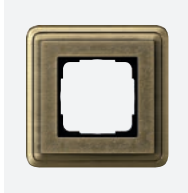
Art, brass + cream white



Art, brass + black



ClassiX
frames
→ 146



ClassiX Art
frames
→ 148

Specifications Order No. P. unit PS

Gira ClassiX cover frame

Notes

- Each frame is unique.

Gira ClassiX cover frame



bronze

1-gang	0211 621	1/5	11
2-gang	0212 621	1	11
2-gang without crossbar	1002 621	1	11
3-gang	0213 621	1	11
4-gang	0214 621	1	11
5-gang	0215 621	1	11

Notes

- Polished surface.

Gira ClassiX cover frame



bronze + black

1-gang	0211 622	1	11
2-gang	0212 622	1	11
2-gang without crossbar	1002 622	1	11
3-gang	0213 622	1	11
4-gang	0214 622	1	11
5-gang	0215 622	1	11

Notes

- Polished surface.

Gira ClassiX cover frame



bronze + cream white

1-gang	0211 623	1	11
2-gang	0212 623	1	11
2-gang without crossbar	1002 623	1	11
3-gang	0213 623	1	11
4-gang	0214 623	1	11
5-gang	0215 623	1	11

Notes

- Polished surface.

Specifications Order No. P. unit PS

Gira ClassiX cover frame



brass

1-gang	0211 631	1	11
2-gang	0212 631	1	11
2-gang without crossbar	1002 631	1	11
3-gang	0213 631	1	11
4-gang	0214 631	1	11
5-gang	0215 631	1	11

Notes

- Highly-polished surface.

Gira ClassiX cover frame



brass + black

1-gang	0211 632	1	11
2-gang	0212 632	1	11
2-gang without crossbar	1002 632	1	11
3-gang	0213 632	1	11
4-gang	0214 632	1	11
5-gang	0215 632	1	11

Notes

- Highly-polished surface.

Gira ClassiX cover frame



brass + cream white

1-gang	0211 633	1	11
2-gang	0212 633	1	11
2-gang without crossbar	1002 633	1	11
3-gang	0213 633	1	11
4-gang	0214 633	1	11
5-gang	0215 633	1	11

Notes

- Highly-polished surface.

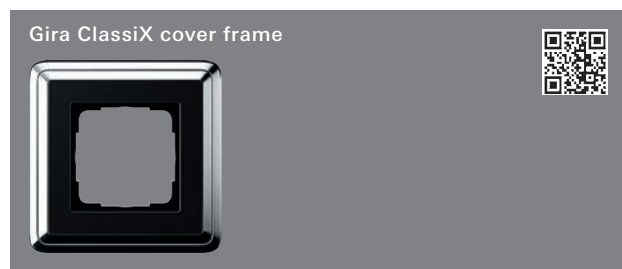
Specifications	Order No.	P. unit	PS
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**chrome**

1-gang	0211 641	1	11
2-gang	0212 641	1	11
2-gang without crossbar	1002 641	1	11
3-gang	0213 641	1	11
4-gang	0214 641	1	11
5-gang	0215 641	1	11

Notes

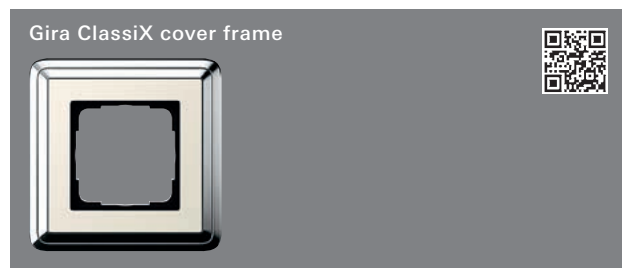
- Highly-polished surface.

**chrome + black**

1-gang	0211 642	1	11
2-gang	0212 642	1	11
2-gang without crossbar	1002 642	1	11
3-gang	0213 642	1	11
4-gang	0214 642	1	11
5-gang	0215 642	1	11

Notes

- Highly-polished surface.

**chrome + cream white**

1-gang	0211 643	1	11
2-gang	0212 643	1	11
2-gang without crossbar	1002 643	1	11
3-gang	0213 643	1	11
4-gang	0214 643	1	11
5-gang	0215 643	1	11

Notes

- Highly-polished surface.

Specifications Order No. P. unit PS

Gira ClassiX Art frames

Notes

- Each frame is unique.

Gira ClassiX Art frames



bronze

1-gang	0211 661	1	11
2-gang	0212 661	1	11
2-gang without crossbar	1002 661	1	11
3-gang	0213 661	1	11
4-gang	0214 661	1	11
5-gang	0215 661	1	11

Notes

- Polished surface.

Gira ClassiX Art frames



bronze + black

1-gang	0211 662	1	11
2-gang	0212 662	1	11
2-gang without crossbar	1002 662	1	11
3-gang	0213 662	1	11
4-gang	0214 662	1	11
5-gang	0215 662	1	11

Notes

- Polished surface.

Gira ClassiX Art frames



bronze + cream white

1-gang	0211 663	1	11
2-gang	0212 663	1	11
2-gang without crossbar	1002 663	1	11
3-gang	0213 663	1	11
4-gang	0214 663	1	11
5-gang	0215 663	1	11

Notes

- Polished surface.

Specifications Order No. P. unit PS

Gira ClassiX Art frames



brass

1-gang	0211 671	1	11
2-gang	0212 671	1	11
2-gang without crossbar	1002 671	1	11
3-gang	0213 671	1	11
4-gang	0214 671	1	11
5-gang	0215 671	1	11

Notes

- Highly-polished surface.

Gira ClassiX Art frames



brass + black

1-gang	0211 672	1	11
2-gang	0212 672	1	11
2-gang without crossbar	1002 672	1	11
3-gang	0213 672	1	11
4-gang	0214 672	1	11
5-gang	0215 672	1	11

Notes

- Highly-polished surface.

Gira ClassiX Art frames



brass + cream white

1-gang	0211 673	1	11
2-gang	0212 673	1	11
2-gang without crossbar	1002 673	1	11
3-gang	0213 673	1	11
4-gang	0214 673	1	11
5-gang	0215 673	1	11

Notes

- Highly-polished surface.

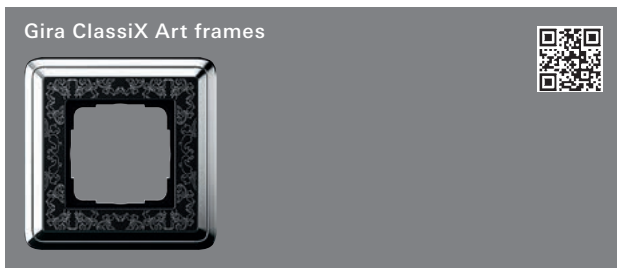
Specifications Order No. P. unit PS



chrome			
1-gang	0211 681	1	11
2-gang	0212 681	1	11
2-gang without crossbar	1002 681	1	11
3-gang	0213 681	1	11
4-gang	0214 681	1	11
5-gang	0215 681	1	11

Notes

- Highly-polished surface.



chrome + black			
1-gang	0211 682	1	11
2-gang	0212 682	1	11
2-gang without crossbar	1002 682	1	11
3-gang	0213 682	1	11
4-gang	0214 682	1	11
5-gang	0215 682	1	11

Notes

- Highly-polished surface.



chrome + cream white			
1-gang	0211 683	1	11
2-gang	0212 683	1	11
2-gang without crossbar	1002 683	1	11
3-gang	0213 683	1	11
4-gang	0214 683	1	11
5-gang	0215 683	1	11

Notes

- Highly-polished surface.

Gira E22 aluminium

D Discontinued item.
Available until 12/2019.

Gira E22 cover frame	155
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Awards

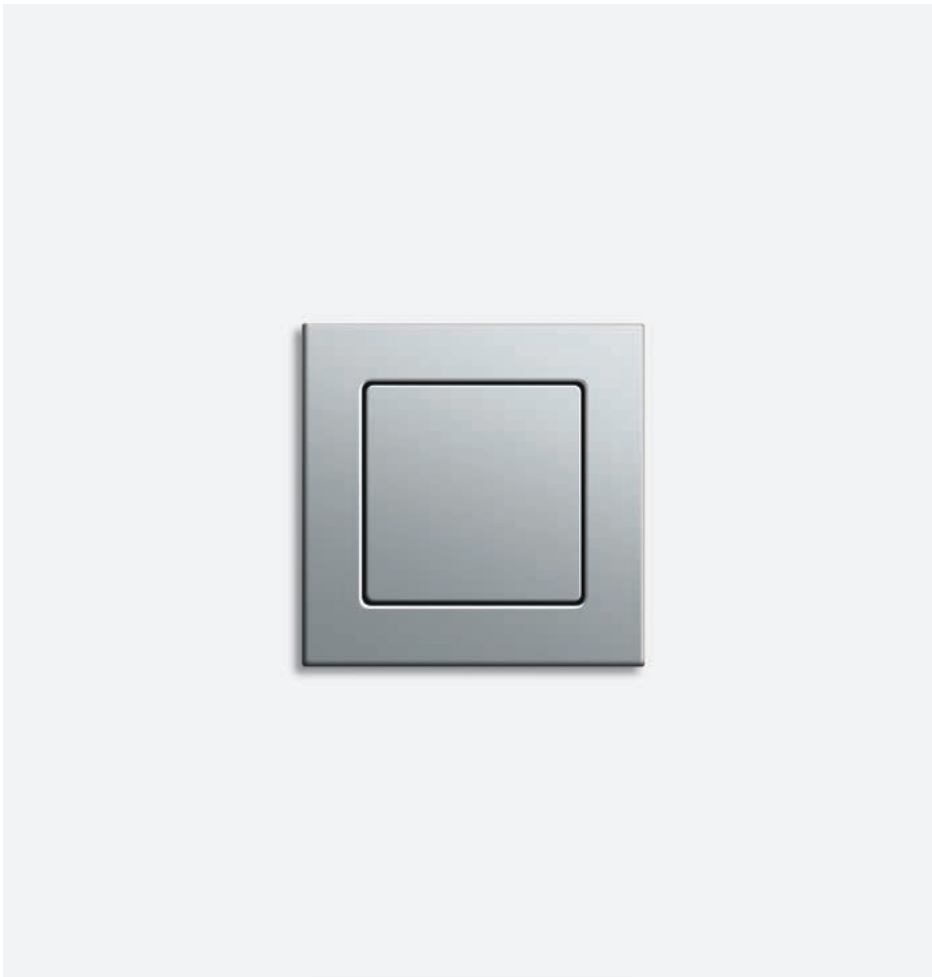
iF product design award 2007,
red dot award 2007,
Good Design Award 2011

Product design

Phoenix Design, Stuttgart
Gira Design Team, Radevormwald

Gira Design Configurator

www.designconfigurator.gira.com



E22 aluminium

Minimalist look and an astonishingly flat design

Award-winning design meets sophisticated aluminium. And with over 200 functions. The Gira E22 is able to meet the exacting demands of intelligent building technology thanks to its great depth of range. In addition to allowing the customary standard-mounted installation, Gira E22 also provides the possibility of mounting the cover frame flat on the wall so that only protrudes by 3 mm – while retaining all functions.

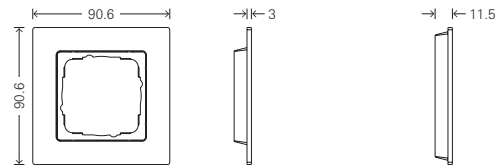
Characteristics

- More than 200 functions available.
- Uniform, pared-down design in aluminium.
- Suitable for vertical and horizontal installation.
- Two installation types: Flush-mounted in device box and 3 mm flat on the wall, using a Gira E22 device box (brickwork and hollow wall).
- Flush-mounted installation (IP20).
- Flush-mounted installation of switches, buttons and SCHUKO socket outlets with hinged cover, also available with protection against splash water (IP44) (if the special sealing kits are used **0251 27** or **0252 27**).

Technical data

Platform:	E 22
Material:	Aluminium E1 EV1, polished, anodised
Installation type:	Flush-mounted
Protection class for standard installation:	IP20
Protection class for flat installation:	IP20

Dimensions in mm [aluminium]



Flat installation
Standard installation

Cover frame, 1-gang:	W 90.6	H 90.6	D 11.5/3*
Cover frame, 2-gang:	W 90.6	H 161.8	D 11.5/3*
Cover frame, 3-gang:	W 90.6	H 233	D 11.5/3*
Cover frame, 4-gang:	W 90.6	H 304.2	D 11.5/3*
Cover frame, 5-gang:	W 90.6	H 375.4	D 11.5

*3 mm in the case of flat installation.

Notes

- Because of their design, not all functions can be used flush with the cover frames in the Gira E22 design line.
- Cover frames for the customary standard-mounted installation are available in 1-gang to 5-gang versions; for the 3 mm flat installation on the wall, 1-gang to 4-gang versions are available.

Variants



Aluminium



Cover frame
→ 155



British Standard
Gira E22 frames
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Switches
and push buttons
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Rocker sets
for bus systems
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Heating,
ventilation, air
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Communication
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Communication
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Communication
Accessories
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Hospital
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Accessories
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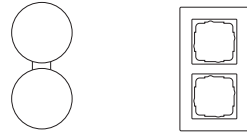
Help with ordering

Standard installation

for flush-mounted device box

Individual components

The cover frames for conventional installation are supplied without a flush-mounted device box. The cover frames are available in 1 to 5-gang sizes for this mounting type.



Cover frame, 1-gang	0211 203
Cover frame, 2-gang	0212 203
Cover frame, 3-gang	0213 203
Cover frame, 4-gang	0214 203
Cover frame, 5-gang	0215 203
Cover frame 2-gang w/o crossbar	1002 203

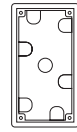
Installation flat on the wall

For hollow walls

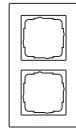
For masonry

Individual components

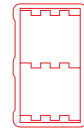
If there is a long period of time between installation of the flush-mounted box/ device box and mounting of the cover frames, it may be practical to order the cover frames later on short notice. This eliminates the question of storage, and the cover frames are protected from damage.



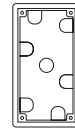
Gira E22 device box



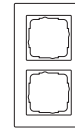
Gira E22 cover frame for installation flat on the wall



Gira E22 flush-mounted device box



Gira E22 device box

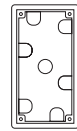


Gira E22 cover frame for installation flat on the wall

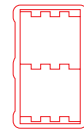
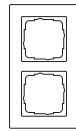
Cover frame, 1-gang	2896 00	0211 203	2891 00	2896 00	0211 203
Cover frame, 2-gang	2897 00	0212 203	2892 00	2897 00	0212 203
Cover frame, 3-gang	2898 00	0213 203	2893 00	2898 00	0213 203
Cover frame, 4-gang	2899 00	0214 203	2894 00	2899 00	0214 203
Cover frame 2-gang w/o crossbar	2897 00	1002 203	2892 00	2897 00	1002 203

Installation sets

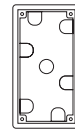
Flush-mounted device boxes can also be ordered in a set directly with cover frames. This variation is practical when, for example, the cover frames are to be mounted promptly after installing the device boxes.



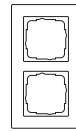
Gira E22 device box and Gira E22 cover frame for installation flat on the wall



Gira E22 flush-mounted device box



Gira E22 device box and Gira E22 cover frame for installation flat on the wall



Cover frame, 1-gang	2881 203	2891 00	2881 203
Cover frame, 2-gang	2882 203	2892 00	2882 203
Cover frame, 3-gang	2883 203	2893 00	2883 203
Cover frame, 4-gang	2884 203	2894 00	2884 203
Cover frame 2-gang w/o crossbar	2886 203	2892 00	2886 203

Specifications Order No. P. unit PS

Gira E22 cover frame

D Discontinued item. Available until 12/2019.
Gira E22 cover frame




aluminium			
1-gang	0211 203	10	11
2-gang	0212 203	10	11
2-gang without crossbar	1002 203	10	11
3-gang	0213 203	1/5	11
4-gang	0214 203	1/5	11
5-gang	0215 203	1/5	11

Specifications Order No. P. unit PS

British Standard Gira E22 frames

Notes
 - Frame British Standard 80 x 80 mm.

British Standard Gira E22 frames




aluminium			
1-gang	0211 209	10/10	11
2-gang without crossbar	1002 209	10/10	11

Specifications Order No. P. unit PS

Flat installation Gira E22

D Discontinued item. Available until 12/2019.
Installation kit Gira E22 for flat installation of cover frame and device socket



aluminium			
1-gang	2881 203	1	11
2-gang	2882 203	1	11
2-gang without crossbar	2886 203	1	11
3-gang	2883 203	1	11
4-gang	2884 203	1	11

+ Optional accessories
Gira E2, Gira E22 flush-mounted installation box → 156

Features

- Cavity mounting by mounting the Gira E22 device box like a common cavity box.
- Installation in brickwork by mounting the optional Gira E22 flush-mounted installation box, e.g. securing it with plaster. Installation of the Gira E22 device box in the Gira E22 flush-mounted installation box like in a common cavity box.

Notes

- The device box has no cable retainer.

More information

Technical information → ⓘ 606

D Discontinued item. Available until 12/2019.
Gira E22 cover frame for flat installation



aluminium			
1-gang	0211 206	10	11
2-gang	0212 206	10	11
2-gang without crossbar	1002 206	10	11
3-gang	0213 206	1/5	11
4-gang	0214 206	1/5	11

+ Necessary accessories
Gira E2, Gira E22 device box for flat installation → 156

+ Optional accessories
Gira E2, Gira E22 flush-mounted installation box → 156

Features

- Using a special device box, the Gira E22 switch range can be installed flat on the wall.
- This Gira E22 device box can be recessed directly in the wall in cases of cavity mounting, e.g. a flexible wall system.
- For flush-mounted installation in brickwork, the Gira E22 device box is inserted into an Gira E22 flush-mounted installation box, which is then placed in the wall.

More information

Technical information → ⓘ 606

Specifications Order No. P. unit PS

Gira E2, Gira E22 device box for flat installation



1-gang	2896 00	1	11
2-gang	2897 00	1	11
3-gang	2898 00	1	11
4-gang	2899 00	1	11

+ Necessary accessories
Gira E2 cover frame for flat installation → 104

+ Optional accessories
Gira E2, Gira E22 flush-mounted installation box → 156

Features

- With the aid of the Gira device box and cover frame for flat installation, the Gira E2 and Gira E22 design lines can be installed flat on the wall.
- For flush-mounted installation in brickwork, the device box is inserted into an flush-mounted installation box, which is then placed in the wall.

Technical data

Dimensions in mm			
- 1-gang:	W 84	H 84	D 60,5
- 2-gang:	W 84	H 155	D 60,5
- 3-gang:	W 84	H 226	D 60,5
- 4-gang:	W 84	H 297,5	D 60,5

Notes

- The device box has no cable retainer.

More information

Technical information → ⓘ 606

Gira E2, Gira E22 flush-mounted installation box



1-gang	2891 00	1	01
2-gang	2892 00	1/100	01
3-gang	2893 00	1	01
4-gang	2894 00	1	01

+ Optional accessories
Installation kit Gira E22 for flat installation of cover frame and device socket → 156
Gira E2, Gira E22 device box for flat installation → 156

Features

- Installation in brickwork by mounting the installation box, e.g. securing it with plaster. Installation of the device box in the flush-mounted installation box like in a common cavity box.

Technical data

Dimensions in mm			
- 1-gang:	W 92,5	H 91,5	D 64
- 2-gang:	W 92,5	H 162,5	D 64
- 3-gang:	W 92,5	H 233,5	D 64
- 4-gang:	W 92,5	H 304,5	D 64



More information

Technical information → ⓘ 606

Specifications Order No. P. unit PS

Switching and pressing

Rocker switch 10 AX 250 V~ with rocker

Universal off/2-way switch
aluminium 0106 203 1 11



Intermediate switch
aluminium 0107 203 1 11

Circuit breaker, 2-pole
aluminium 0102 203 1 11

Technical data
Installation depth: 28 mm
Connections
- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²

Notes
- Can also be connected with illumination.



Rocker switch 10 AX 250 V~ with rocker, 2-gang

Series switch
aluminium 0105 203 1 11

Technical data
Installation depth: 28 mm
Connections
- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²

Rocker switch 10 AX 250V~ with rocker, 2-gang



2-way switch, 2-gang
aluminium 0108 203 1 11

Technical data
Installation depth: 33 mm.
Connections
- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²

More information
Technical information → i 630

Specifications Order No. P. unit PS

Indicator rocker switch 10 AX 250 V~ with rocker



Circuit breaker, 2-pole
aluminium 0112 203 1 11

Technical data
Installation depth: 28 mm
Connections
- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²

Notes
- Can also be connected with illumination.

More information
Technical information → i 630



Rocker switch 10 AX 250 V~ with rocker

NO contact, 1-pole
aluminium 0151 203 1 11

Technical data
Installation depth: 28 mm
Connections
- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²

D Discontinued item. Available until 12/2019.
Pushbutton switch 10 AX 250 V~ with rocker



Universal off/2-way switch
aluminium 0126 203 1/5 11

Intermediate switch
aluminium 0127 203 1 11

Technical data
Installation depth: 28 mm
Connections
- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Pushbutton switch, 10 AX 250 V~ with upright rocker


Universal off/2-way switch aluminium	0121 203	1	11
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Intermediate switch aluminium	0123 203	1	11
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Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

D Discontinued item. Available until 12/2019.
Pushbutton switch, 10 AX 250 V~ with rocker, 2-gang




Series switch aluminium	0125 203	1	11
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2-way switch, 2-gang aluminium	0128 203	1	11
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Technical data

Installation depth	
- 0125 ..:	28 mm
- 0128 ..:	32 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

D Discontinued item. Available until 12/2019.
Pushbutton switch, 10 AX 250 V with upright rocker, 2-gang




Series switch aluminium	2860 203	1/5	11
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2-way switch, 2-gang aluminium	2861 203	1/5	11
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Technical data

Installation depth	
- 2860 ..:	28 mm
- 2861 ..:	32 mm

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Pushbutton indicator switch 10 AX 250 V~ with rocker

Universal off/2-way switch aluminium	0136 203	1	11
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Circuit breaker, 2-pole aluminium	0122 203	1	11
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+ Optional accessories

Neon lamp elements

Neon lamp element 0.35 mA 0995 00	→	229
Neon lamp element 0.8 mA 0996 00	→	229
Neon lamp element 1.5 mA 0997 00	→	229

LED lighting elements

LED light.e. 2.6 mA YE 0497 07	→	229
LED light.e. 0.8 mA BU 0497 08	→	229
LED light.e. 2.6 mA RD 0497 10	→	229
LED light.e. 24 V RD 0992 00	→	229
LED light.e. 24 V colour-neutral 1405 00	→	229

Technical data



Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes
 - Can also be connected with illumination.

Scope of supply
 - Neon lamp element 230 V~, 1.5 mA is included in the scope of supply.

More information
 Technical information → [i 633](#)

D Discontinued item. Available until 12/2019.
Pushbutton indicator switch 10 AX 250 V with upright rocker

Universal off/2-way switch aluminium	0124 203	1	11
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+ Optional accessories

See listing at

PB ind.sw. off/2-way 0136 ..	→	158
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Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes
 - Can also be connected with illumination.

Scope of supply
 - Neon lamp element 230 V~, 1.5 mA is included in the scope of supply.

More information
 Technical information → [i 633](#)

E22 aluminium

Specifications Order No. P. unit PS



D Discontinued item. Available until 12/2019.
Button 10 AX 250 V with upright rocker




2-way momentary-contact, 1-pole
 aluminium **0130 203** 1/5 11

Technical data
 Installation depth: 28 mm
 Connections
 - maximum: 2 x 2.5 mm²
 - minimum: 2 x 1.5 mm²

D Discontinued item. Available until 12/2019.
Button 10 AX 250 V with upright rocker with control window

2-way momentary-contact, 1-pole
 aluminium **0120 203** 1/5 11

+ Optional accessories
See listing at
 PB ind.sw. off/2-way **0136 ..** → 158

Technical data
 Installation depth: 28 mm
 Connections
 - maximum: 2 x 2.5 mm²
 - minimum: 2 x 1.5 mm²

Notes
 - Can also be connected with illumination.

More information
 Technical information → i633

D Discontinued item. Available until 12/2019.
British Standard rocker button (BS EN 60669-1), 3-gang 10 A 250 V~ with rockers




Support ring 71 x 71 mm, NO contact 1-pole
 aluminium **2844 203** 10/10 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm



Features
 - With screw terminals.

Technical data
 Installation depth: 25 mm
 Connections
 - maximum: 2 x 2.5 mm²

Notes
 - For screw mounting only.

Specifications Order No. P. unit PS

British Standard rocker switch (BS EN 60669-1) 20 AX 250 V~ with rocker






Support ring 71 x 71 mm, circuit breaker, 2-pole
 aluminium **2836 203** 10 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Technical data
 Installation depth: 24 mm
 Connections
 - maximum: 2 x 4 mm² or 1 x 6 mm²

D Discontinued item. Available until 12/2019.
British Standard rocker switch (BS EN 60669-1) 20 AX 250 V~ with rocker and control light

Support ring 71 x 71 mm, circuit breaker, 2-pole
 aluminium **2834 203** 10 29



+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Features
 - With screw terminals.

Technical data
 Installation depth: 25 mm
 Connections
 - maximum: 2 x 4 mm² or 1 x 6 mm²

Notes
 - For screw mounting only.

N New product.
 Replaces **2838 ..**
British Standard switch (BS EN 60669-1) 45 A 250 V~

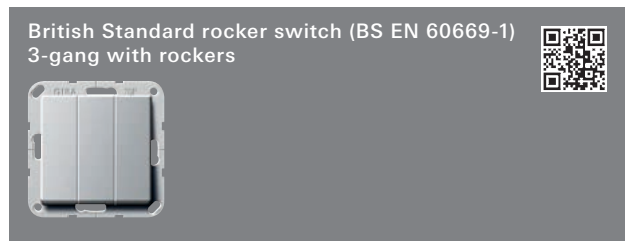



aluminium **2821 203** 10 29

Technical data
 Installation depth: 16 mm
 Connections
 - maximum: 2 x 6 mm² or 1 x 10 mm²

Notes
 - Individual device. Cannot be combined.

Specifications Order No. P. unit PS



Support ring 71 x 71 mm, 1-way switch
aluminium **2830 203** 10 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Technical data
Installation depth: 25 mm
Connections
- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²



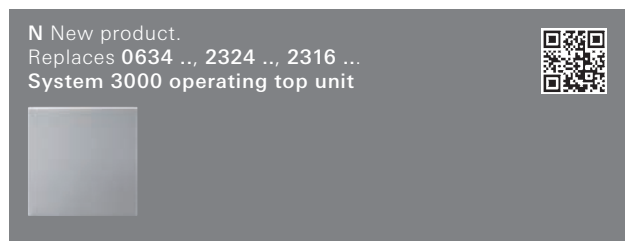
Support ring 71 x 71 mm, universal off/2-way switch
aluminium **2832 203** 10 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Features
- With screw terminals.

Technical data
Installation depth: 25 mm
Connections
- maximum: 2 x 2.5 mm²
- minimum: 2 x 1.5 mm²

Notes
- For screw mounting only.

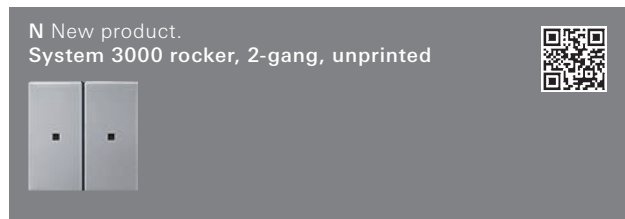


aluminium **5360 203** 1 02

+ Necessary accessories
One of the following articles:
S3000 relay swit.ins. **5403 00** → 248
S3000 electr.swit.ins. **5405 00** → 249
S3000 uni.LED dimm.ins. Standard **5400 00** → 252
S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
S3000 aux.ins. 2-wire **5408 00** → 257
S3000 aux.ins. 3-wire **5409 00** → 258
S3000 impulse insert **5410 00** → 249
S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

Functional description → 260

Specifications Order No. P. unit PS



aluminium **5369 203** 1 02

+ Optional accessories
S3000 op.top Memory **5363 ..** → 261
S3000 blind timer + timer BT **5367 ..** → 262

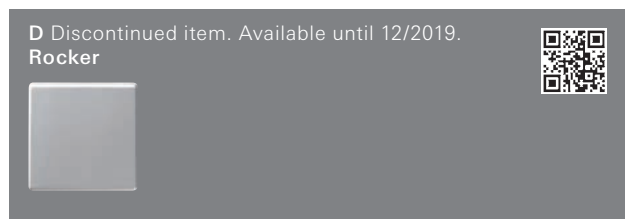
Functional description → 267



Aluminium (lacquered) **2261 203** 1/5 02

+ Necessary accessories
One of the following articles:
S2000 Tronic swit.ins. **0866 00** → 277
S2000 Triac swit.ins. **0854 00** → 277
S2000 relay ins. **0853 00** → 278
S2000 relay ins. zero-volt. **1148 00** → 278
S2000 HVAC relay ins. **0303 00** → 278

Features
- Switching top unit for use with the System 2000 switch inserts.
- Lighting is controlled by lightly touching the operating surface, without the movement of mechanical elements.
- The lighting is switched on and off by touching the surface.
- A blue orientation LED lights up as long as the load is switched off and goes off when it is switched on.

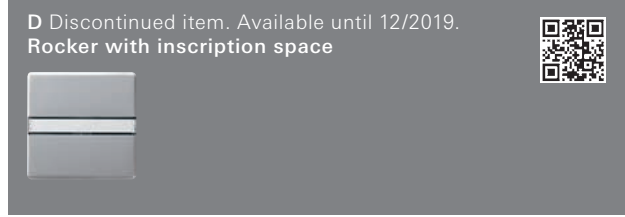


aluminium **0296 203** 10 11

+ Necessary accessories
One of the following articles:
Inserts
Rocker sw. off/2-way **0106 00** → 224
Rocker sw. interm.sw. **0107 00** → 224
Rocker sw. CB 2-p **0102 00** → 224
Rocker sw. CB 3-p **0103 00** → 224
Rocker btn NO con. **0151 00** → 225
Rocker btn 2-way m-c **0156 00** → 225
Rocker btn NO con. + N term. **0150 00** → 225
Rocker btn NO con. s.sig. **0152 00** → 225
Bus coup.btn 1-g 1-point + status LED **0181 00** → 443
Bus coup.btn 1-g 2-point + status LED **0184 00** → 443

E22 aluminium

Specifications Order No. P. unit PS



aluminium 0299 203 1 11

+ Necessary accessories

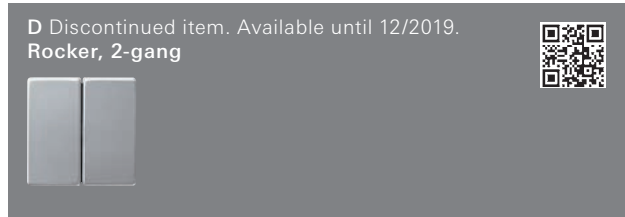
See listing at
Rocker 0296 .. → 160

+ Optional accessories

In.sheets 51.2 x 7 mm 1455 00 → 231

Scope of supply

- Blank inscription label included.



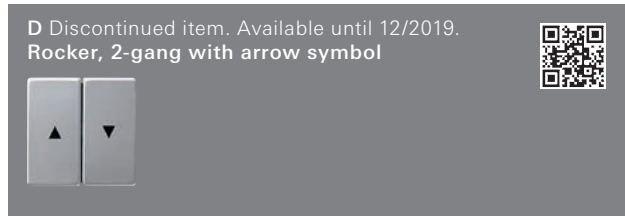
aluminium 0295 203 5 11

+ Necessary accessories

One of the following articles:

Inserts

- Rocker sw. series sw. 0105 00 → 224
- Rocker sw. 2-way sw. 2-g 0108 00 → 224
- Rocker btn 2-way m-c 2-g 0155 00 → 226
- Rocker sw./btn 2-way sw./m-c 0139 00 → 226
- Bus coup.btn 2-g 1-point 0182 00 → 444
- Bus coup.btn 2-g 2-point 0185 00 → 444



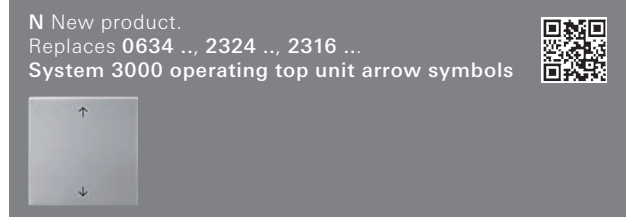
aluminium 0294 203 1 11

+ Necessary accessories

One of the following articles:

- Blind rocker sw. 0159 00 → 227
- Blind rocker btn 0158 00 → 227
- Bus coup.btn 2-g 1-point 0182 00 → 444

Specifications Order No. P. unit PS



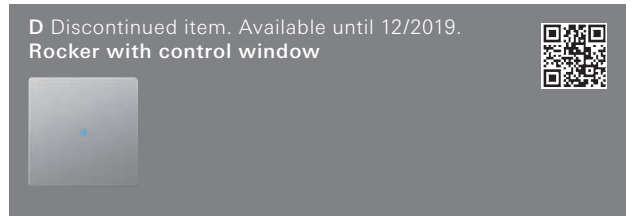
aluminium 5361 203 1 02

+ Necessary accessories

One of the following articles:

- S3000 relay swit.ins. 5403 00 → 248
- S3000 electr.swit.ins. 5405 00 → 249
- S3000 uni.LED dimm.ins. Standard 5400 00 → 252
- S3000 uni.LED dimm.ins. Komfort 5401 00 → 253
- S3000 DALI Power ctrl.unit FM ins. 5406 00 → 257
- S3000 aux.ins. 2-wire 5408 00 → 257
- S3000 aux.ins. 3-wire 5409 00 → 258
- S3000 impulse insert 5410 00 → 249
- S3000 blind ctrl.ins. w/o aux.inputs 5415 00 → 325
- S3000 blind ctrl.ins. + aux.inputs 5414 00 → 325

Functional description → 260



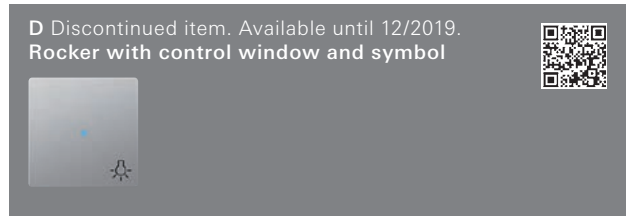
aluminium 0290 203 1 11

+ Necessary accessories

One of the following articles:

Inserts

- Rocker sw. off/2-way 0106 00 → 224
- Rocker sw. interm.sw. 0107 00 → 224
- Rocker sw. CB 2-p 0102 00 → 224
- Rocker sw. CB 3-p 0103 00 → 224
- Rock.ind.sw. off/2-way 0116 00 → 224
- Rock.ind.sw. CB 2-p 0112 00 → 224
- Rocker btn NO con. 0151 00 → 225
- Rocker btn 2-way m-c 0156 00 → 225
- Rocker btn NO con. + N term. 0150 00 → 225
- Rocker btn NO con. s.sig. 0152 00 → 225
- Bus coup.btn 1-g 1-point + status LED 0181 00 → 443
- Bus coup.btn 1-g 2-point + status LED 0184 00 → 443



Light
aluminium 0285 203 1 11

Bell
aluminium 0286 203 1 11



Door
aluminium 0287 203 1 11

+ Necessary accessories

See listing at
Rocker ctrl.win. 0290 .. → 161

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Cover with toggle switch for three-stage switch

Zero setting			
aluminium	0669 203	1	02

+ Necessary accessories
 3-stage sw. 0/1/2/3 **0149 00** → 229

D Discontinued item. Available until 12/2019.
Hotel-card button 10 AX 250 V~ can be illuminated with inscription space




2-way momentary-contact, 1-pole			
aluminium	0140 203	1	11

+ Optional accessories
 In.sheets 54.5 x 7 mm **1453 00** → 231

Neon lamp elements
 Neon lamp element 0.35 mA **0995 00** → 229
 Neon lamp element 0.8 mA **0996 00** → 229
 Neon lamp element 1.5 mA **0997 00** → 229

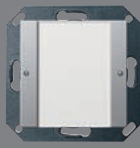

LED lighting elements
 LED light.e. 2.6 mA YE **0497 07** → 229
 LED light.e. 0.8 mA BU **0497 08** → 229
 LED light.e. 2.6 mA RD **0497 10** → 229
 LED light.e. 0.7 mA WH **0497 18** → 229
 LED light.e. 24 V RD **0992 00** → 229
 LED light.e. 24 V colour-neutral **1405 00** → 229

- Features**
- Applications of the hotel-card button with disassembly safeguard include performing security and energy-saving functions.
 - When the hotel card is removed, any devices which are still switched on are deactivated.
 - The electric circuit via the push button is only activated when the card has been inserted.

Notes
 - Further versions are available upon request.

Scope of supply
 - Blank inscription label included.

D Discontinued item. Available until 12/2019.
Pushbutton sensor 2, 1-gang 24 V, zero-voltage with inscription space

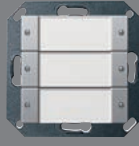

Aluminium (lacquered)	2001 203	1	02
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+ Optional accessories
 In.sheets 38 x 54 mm **1090 00** → 232

Functional description → 60

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Pushbutton sensor 2, 3-gang 24 V zero-voltage with inscription space

Aluminium (lacquered)	2003 203	1	02
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+ Optional accessories
 In.sheets 38 x 54 mm **1090 00** → 232

Functional description → 60

D Discontinued item. Available until 12/2019.
Blank cover plate with support ring




aluminium	0268 203	5	11
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Notes
 - For screw mounting only.

E22 aluminium

Specifications Order No. P. unit PS

Dimming

D Discontinued item. Available until 12/2019.
Cover with button for dimmer and electronic potentiometer

aluminium **0650 203** 5 02

+ Necessary accessories

- One of the following articles:
- S3000 uni.LED rot.dim. ins. Komfort **2455 00** → 251
 - S3000 uni.LED rot.dim. ins. Standard **2450 00** → 250
 - S3000 rot.aux. ins. 3-wire **2389 00** → 258
 - LED dimm. ins. 20 - 200 W rot.on/off **0300 00** → 282
 - Bulb dimm. ins. 100 - 1000 W PB/2-way **1181 00** → 283
 - Potentiom. ctrl.input 1 - 10 V swit.fct **0309 00** → 284
 - Potentiom. ctrl.input 1 - 10 V btn fct **0308 00** → 285
 - DALI potentiom. **2018 00** → 286
 - DALI potentiom. pow.supply unit **2028 00** → 286
 - DALI potentiom. Tunable WH **2020 00** → 287
 - DALI potentiom. Tunable WH pow.supply unit **2030 00** → 287

D Discontinued item. Available until 12/2019.
Replaces 0634 .., 2324 .., 2316 ...
System 3000 operating top unit




aluminium **5360 203** 1 02



+ Necessary accessories

- One of the following articles:
- S3000 relay swit. ins. **5403 00** → 248
 - S3000 electr.swit. ins. **5405 00** → 249
 - S3000 uni.LED dimm. ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm. ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux. ins. 2-wire **5408 00** → 257
 - S3000 aux. ins. 3-wire **5409 00** → 258
 - S3000 impulse insert **5410 00** → 249
 - S3000 blind ctrl. ins. w/o aux. inputs **5415 00** → 325
 - S3000 blind ctrl. ins. + aux. inputs **5414 00** → 325

Functional description → 260

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Replaces 0634 .., 2324 .., 2316 ...
System 3000 operating top unit arrow symbols






aluminium **5361 203** 1 02

+ Necessary accessories

- One of the following articles:
- S3000 relay swit. ins. **5403 00** → 248
 - S3000 electr.swit. ins. **5405 00** → 249
 - S3000 uni.LED dimm. ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm. ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux. ins. 2-wire **5408 00** → 257
 - S3000 aux. ins. 3-wire **5409 00** → 258
 - S3000 impulse insert **5410 00** → 249
 - S3000 blind ctrl. ins. w/o aux. inputs **5415 00** → 325
 - S3000 blind ctrl. ins. + aux. inputs **5414 00** → 325
- 260

Replaces 0822 ...
System 3000 operating top unit Memory

aluminium **5363 203** 1 02

+ Necessary accessories

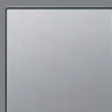
- One of the following articles:
- S3000 relay swit. ins. **5403 00** → 248
 - S3000 electr.swit. ins. **5405 00** → 249
 - S3000 uni.LED dimm. ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm. ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux. ins. 3-wire **5409 00** → 258
 - S3000 blind ctrl. ins. w/o aux. inputs **5415 00** → 325
 - S3000 blind ctrl. ins. + aux. inputs **5414 00** → 325

+ Optional accessories

- S3000 rocker 2-g blank **5369 ..** → 267
- 261

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Successor item: System 3000 operating top unit
5360 ..
System 2000 switching/dimming top unit



aluminium 2316 203 1/5 02

+ Necessary accessories

One of the following articles:

Dimming inserts

S2000 uni.LED dimm.ins. (PB dim.) **2385 00** → 275
S2000 LV dimm.ins. 20 - 500 VA **0331 00** → 276
S2000 ctrl.unit ins.1 - 10 V **0860 00** → 276

Switching inserts

S2000 Tronic swit.ins. **0866 00** → 277
S2000 Triac swit.ins. **0854 00** → 277
S2000 relay ins. **0853 00** → 278
S2000 relay ins. zero-volt. **1148 00** → 278
S2000 relay ins. zero-volt. **1148 00** → 278

Staircase light controlS2000 impulse ins. **0336 00** → 279**Auxiliary insert**S2000 aux.unit 2-wire **0333 00** → 280**Features**

- Top unit with short-stroke button for use with System 2000.
- The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts.

Technical data

Ambient temperature: -20 °C to +45 °C

D Discontinued item. Available until 12/2019.
Top unit Series dimmer



aluminium 2315 203 1/5 02

+ Necessary accessoriesUni.series dimm.ins. 2x 50 - 260 W/VA **2263 00** → 282**Features**

- Top unit with short-stroke button for use with the series dimming insert.
- The top is for switching on and dimming brighter, while the bottom is for switching off and dimming darker.

Technical data

Ambient temperature: -20 °C to +45 °C

D Discontinued item. Available until 12/2019.
System 2000 touch dimming top unit



Aluminium (lacquered) 2260 203 1/5 02

+ Necessary accessories

One of the following articles:

S2000 uni.LED dimm.ins. (PB dim.) **2385 00** → 275
S2000 LV dimm.ins. 20 - 500 VA **0331 00** → 284
S2000 ctrl.unit ins.1 - 10 V **0860 00** → 285

Specifications Order No. P. unit PS

Features

- Dimming top unit for use with System 2000 dimming inserts.
- Lighting in nine levels is controlled by lightly touching the operating surface, without the movement of mechanical elements.
- The lower half of the operating surface contains a blue status LED that lights up for orientation as long as the dimmer is switched off.
- When the operating surface is touched, the dimmer switches to the stored memory value.
- The upper half of the operating surface is divided into nine adjacent segments.
- Specifically touching these segment fields can control the lighting directly from the switched-off state or from any other dimming position.
- Lighting can glide to brighter or darker values by sliding your finger along the operating surface.
- The approximate dimming position is indicated with five blue LEDs.

D Discontinued item. Available until 12/2019.
eNet wireless switching/dimming top unit,
1-gang



aluminium 5490 203 1/5 42

Functional description → 554

System 2000
auxillary line, complete with cover



2-wire aluminium 0333 203 1 02

2-wire**+ Optional accessories****Dimming inserts**

S2000 uni.LED dimm.ins. (PB dim.) **2385 00** → 275
System 2000 universal LED dimming insert
(pushbutton dimmer), including cover → 33
Uni.series dimm.ins. 2x 50 - 260 W/VA **2263 00** → 282
S2000 LV dimm.ins. 20 - 500 VA **0331 00** → 276
S2000 ctrl.unit ins.1 - 10 V **0860 00** → 276

Dimmers**Switching inserts**

S2000 Tronic swit.ins. **0866 00** → 277
S2000 Triac swit.ins. **0854 00** → 277
S2000 relay ins. **0853 00** → 278
S2000 relay ins. zero-volt. **1148 00** → 278
S2000 HVAC relay ins. **0303 00** → 278

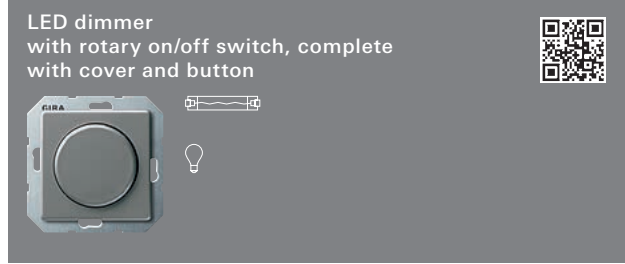
Features

- Auxillary line in 2-wire connection technology for designing installations with the function of 2-way and intermediate switching exclusively in conjunction with the System 2000.
- Additional cables are not required for retrofitting.

Technical data

Rated voltage: AC 230 V, 50/60 Hz
Installation depth: 29 mm
Ambient temperature: -20 °C to +45 °C

Specifications Order No. P. unit PS



20 – 200 W
aluminium **0300 203** 1 02

+ Optional accessories
Fuse T 1.6 H 250 V **049727** → 233

- Features**
- Short-circuit protection using micro-fuse.
 - Power extension, e.g. using up to ten LV power boosters.
 - With screw terminals.

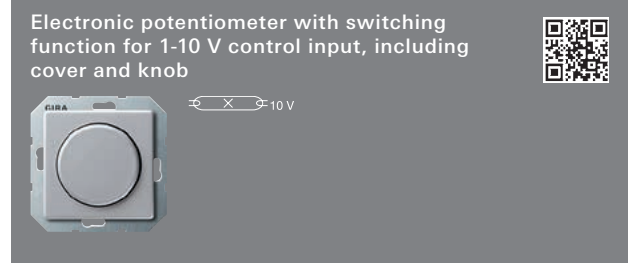
Technical data

Rated voltage:	AC 230 V, 50 Hz
Connected load at 25 °C	
- Light bulbs:	60 to 400 W
- HV halogen lamps:	60 to 400 W
Installation depth:	33 mm.
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 0.5 mm ²
Ambient temperature:	+5 °C to +45 °C

- Notes**
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information
Technical information → [i 647](#)

Specifications Order No. P. unit PS



aluminium **0309 203** 1 02

+ Optional accessories
Fuse F 500 H 250V **049722** → 233

- Features**
- Electronic potentiometer with switching function for electronic ballasts or Tronic transformers with 1 – 10 V control input.
 - Pressing the operating knob switches the electronic ballasts on and off.
 - Rotating adjusts the brightness.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
1 – 10 V interface	
- Control voltage:	0.5 to 10 V
- Control current:	max. 50 mA
Switching current	
- Ohmic:	6 A
- Capacitive:	6 A (70 µF)
Installation depth:	33 mm.
Connections	
- maximum:	4 mm ²
Ambient temperature:	+5 °C to +25 °C

Scope of supply
- Fuse is included in the scope of supply.

Specifications Order No. P. unit PS

Socket outlets

Socket outlet British Standard (BS 1363-2)
13 A 250 V~ with shutter



Support ring 71 x 71 mm
aluminium 2776 203 10/100 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 17 mm
Connections
- maximum: 2 x 4 mm²

Socket outlet British Standard (BS 1363-2)
13 A 250 V~ switched, with shutter



Support ring 71 x 71 mm
aluminium 2778 203 10/100 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 20 mm

Socket outlet British Standard (BS 1363-2)
13 A 250 V~ switched,
with control light and Shutter



Support ring 71 x 71 mm
aluminium 2780 203 10/100 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 20 mm

Specifications Order No. P. unit PS

Double socket outlet British Standard (BS 1363-2)
13 A 250 V~ with shutter



Support ring 80 x 132 mm
aluminium 2782 203 5/100 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 132 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 20 mm
Connections
- maximum: 2 x 4 mm² + 2.5 mm²

Double socket outlet British Standard (BS 1363-2)
13 A 250 V~ switched, with shutter



Support ring 80 x 132 mm
aluminium 2783 203 5/100 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 132 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 20 mm

Double socket outlet British Standard (BS 1363-2)
13 A 250 V~ switched, with control light and shutter




Support ring 80 x 132 mm
aluminium 2784 203 5/100 29


+ Necessary accessories
Cover frames British Standard for support ring 80 x 132 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 20 mm

Specifications Order No. P. unit PS

Socket outlet British Standard (BS 546) Round Pin 5 A 250 V~ with shutter 





Support ring 71 x 71 mm
aluminium **2772 203** 10 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 20 mm
Connections
- maximum: 2 x 4 mm²

Socket outlet British Standard (BS 546) Round Pin 15 A 250 V~ with shutter 





Support ring 71 x 71 mm
aluminium **2774 203** 10 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 20 mm
Connections
- maximum: 2 x 4 mm²

Fused spur connection box, British Standard (BS 1363-4) 13 A 250 V~ switched 




Support ring 71 x 71 mm
aluminium **2785 203** 1/5 29


+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 29 mm
Connections
- maximum: 2 x 2.5 mm²

Specifications Order No. P. unit PS

Fused spur connection box, British Standard (BS 1363-4) 13 A 250 V~ switched, with control light 





Support ring 71 x 71 mm
aluminium **2787 203** 1/5 29

+ Necessary accessories
Cover frames British Standard for support ring 80 x 80 mm

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 29 mm

N New product.
Fused spur connection box, British Standard (BS 1363-4) 13 A 250 V~ not switched 



aluminium **2811 203** 1 29

Features
- With screw terminals.
- For screw mounting only.

Technical data
Installation depth: 29 mm
Connections
- maximum: 2 x 2.5 mm²

Socket outlet with protective contact EURO-US 16 A 250 V~ 



Aluminium (lacquered) **2840 203** 10 29

Technical data
Installation depth: 20 mm

Specifications Order No. P. unit PS

Razor socket outlet (DIN EN 61558 2-5) 115 - 230 V~ for cover frame, 2-gang without crossbar




aluminium	2820 203	1	29
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Flush-mounted device box for razor socket outlet




	2819 00	1	01
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Socket outlet with earth pin 16 A 250 V~, (Shutter) and Symbol








aluminium	0485 203	1	11
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Features
- With screw terminals.

Technical data
Installation depth: 31 mm

Notes
- Increased contact protection pursuant to IEC 60884-1.

Socket outlet with earth pin 16 A 250 V~, hinged cover, Shutter and Symbol

aluminium	0488 203	10	11
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Features
- With screw terminals.

Technical data
Installation depth: 30 mm

Specifications Order No. P. unit PS

Notes
- Approved in compliance with NF C 61-314 (2003).
- Increased contact protection pursuant to IEC 60884-1.

SCHUKO socket outlet 16 A 250 V~ with Shutter and Symbol






Screw terminals
aluminium 0183 203 1 11

Technical data
Installation depth: 32 mm

Notes
- Increased contact protection pursuant to IEC 60884-1.



SCHUKO socket outlet 16 A 250 V~ with hinged cover

aluminium	0454 203	1/5	11
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Technical data
Installation depth: 32 mm

Insert for USB power supply, 2-gang

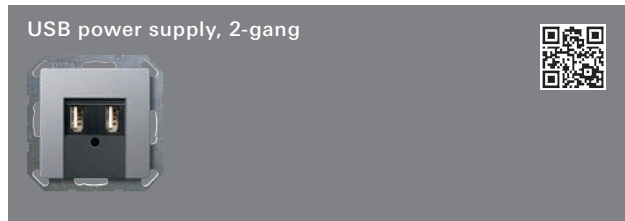
Outputs
Type A / type A 2359 00 1/5 02

Features
- Power supply with integrated plug connector USB type A.
- Suitable as a charging device, e.g. for mobile telephones and similar devices.
- Simultaneous charging of two devices is possible.

Technical data
Charging current: 3000 mA
Rated voltage
- Primary: AC 100 - 240 V, 50/60 Hz
- Secondary: 5 V (± 5%)
Standby: ≤ 0,15 W
Installation depth: 32 mm
Ambient temperature: +10 °C to +40 °C
Efficiency: {→=} 75%
Standard-compliant: DIN EN 60950-1/A2

E22 aluminium

Specifications	Order No.	P. unit	PS
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aluminium	2359 203	1	02
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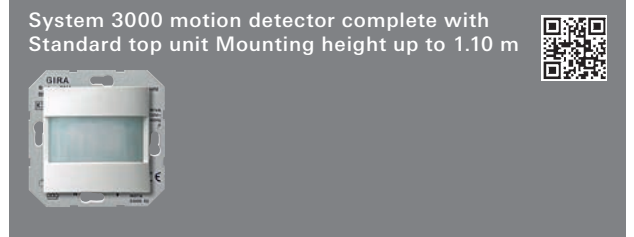
Features

- Power supply with integrated plug connector USB type A.
- Suitable as a charging device, e.g. for mobile telephones and similar devices.
- Simultaneous charging of two devices is possible.

Technical data

Charging current:	2100 mA
Rated voltage	
- Primary:	AC 100 - 240 V, 50/60 Hz
- Secondary:	5 V
Standby:	≤ 0,3 W
Installation depth:	32 mm
Ambient temperature:	0 °C to +40 °C

Specifications	Order No.	P. unit	PS
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Lighting control

Aluminium (lacquered)	2395 203	1	02
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+ Optional accessories**One of the following articles:**

Rocker btn NO con. 0151 00	→	225
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258

Features

- Automatic switching of lighting, depending on the movement of heat and ambient brightness.
- Expansion of the detection range in combination with the 3-wire auxiliary insert.
- Adjustable brightness threshold.
- Sensitivity adjustable in four steps.
- When connecting a System 3000 auxiliary insert with an operating top unit or mechanical button to the main unit, the lighting can be switched on or dimmed for the duration of the delay time.
- Test run for function testing.
- Operation with neutral conductor connection.

Technical data

Detection angle:	180°
Brightness value	
- adjustable:	approx. 5 to 500 lx
- fixed:	Day mode
Sensitivity:	25, 50, 75, 100%
Protection type:	IP20
Delay time:	approx. 2 min fixed
Mounting height up to 1.10 m	
- Range of detection forwards:	max. 32 m
- Range to each side:	max. 19 m
Ambient temperature:	-20 °C to +45 °C
Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Ohmic switching current:	16 A (AC1)
Connected load at 35 °C	
- HV LED lamps:	typ. 500 W
- Compact fluorescent lamp:	typ. 500 W
- Light bulbs:	2300 W
- HV halogen lamps:	2300 W
- Gira tronic transformers:	1500 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- Wound transformer:	1000 VA
- Fluorescent lamps, uncompensated:	1200 VA
Capacitive load:	920 VA (115 µF)
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073

Notes


- If the ambient temperature is higher than 35 °C, the connected load must be reduced.

Scope of supply

- Clip-on screen to limit the detection range is included in the scope of delivery.

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
System 3000 motion detector top unit, mounting height up to 1.10 m




Standard top unit
 Aluminium (lacquered) **5373 203** 1 02

Komfort top unit
 Aluminium (lacquered) **5374 203** 1 02

Functional description of Standard top unit → 264
 Functional description of Komfort top unit → 264

D Discontinued item. Available until 12/2019.
System 3000 motion detector top unit, mounting height up to 2.20 m




Standard top unit
 Aluminium (lacquered) **5375 203** 1 02

Komfort top unit
 Aluminium (lacquered) **5376 203** 1 02

Functional description of Standard top unit → 265
 Functional description of Komfort top unit → 266

System 3000 rocker, 2-gang, unprinted



Aluminium (lacquered) **5369 203** 1 02

D Discontinued item. Available until 12/2019.
System 2000 automatic control switch mounting height up to 1.10 m



Standard top unit
 D Aluminium (lacquered) **1300 203** 1 02
 D Discontinued Item. Available until 12/2019.

Komfort top unit
 D Aluminium (lacquered) **0661 203** 1 02
 D Discontinued Item. Available until 12/2019.

Functional description of Standard top unit → 306
 Functional description of Komfort top unit → 306

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
System 2000 automatic control switch 2 mounting height up to 2.20 m



Standard top unit
 D Aluminium (lacquered) **2301 203** 1/5 02
 D Discontinued Item. Available until 12/2019.

Komfort top unit
 D Aluminium (lacquered) **2302 203** 1/5 02
 D Discontinued Item. Available until 12/2019.

Functional description standard top unit mounting height up to 2.20 m → 307
 Functional description Komfort top unit mounting height up to 2.20 m → 308

D Discontinued item. Available until 12/2019.
KNX motion detector up to 1.10 m



Standard top unit
 Aluminium (lacquered) **2040 203** 1 06

Komfort top unit
 Aluminium (lacquered) **2050 203** 1 06

Functional description of Standard top unit → 498
 Functional description of Komfort top unit → 499

D Discontinued item. Available until 12/2019.
KNX motion detector up to 2.20 m



Standard top unit
 Aluminium (lacquered) **2041 203** 1 06

Komfort top unit
 Aluminium (lacquered) **2051 203** 1 06

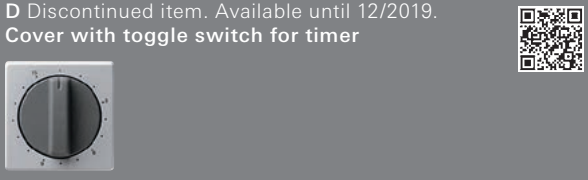
Functional description of Standard top unit → 500
 Functional description of Komfort top unit → 501

E22 aluminium

Specifications Order No. P. unit PS

Time switch

D Discontinued item. Available until 12/2019.
Cover with toggle switch for timer




15 minutes
aluminium **0640 203** 1 02

120 minutes
aluminium **0642 203** 1 02

+ Necessary accessories
One of the following articles:
Time sw. 2-p 15 min **0320 00** → 228
Time sw. 2-p 120 min **0321 00** → 228

Notes
- For screw mounting only.

N New product.
Replaces **0822 ...**
System 3000 operating top unit Memory



aluminium **5363 203** 1 02

+ Necessary accessories
One of the following articles:
S3000 relay swit.ins. **5403 00** → 248
S3000 electr.swit.ins. **5405 00** → 249
S3000 uni.LED dimm.ins. Standard **5400 00** → 252
S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
S3000 aux.ins. 3-wire **5409 00** → 258
S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

+ Optional accessories
S3000 rocker 2-g blank **5369 ..** → 267

Functional description → 261

N New product.
Replaces **0841 ...**, **1175 ...**
System 3000 blind timer and timer Display




Aluminium (lacquered) **5366 203** 1 02

+ Necessary accessories
One of the following articles:
S3000 relay swit.ins. **5403 00** → 248
S3000 electr.swit.ins. **5405 00** → 249
S3000 uni.LED dimm.ins. Standard **5400 00** → 252
S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
S3000 aux.ins. 3-wire **5409 00** → 258
S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

Functional description → 261

Specifications Order No. P. unit PS

N New product.
Replaces **1308 ...**, **1309 ...**, **0385 ...**
System 3000 blind timer and timer BT



aluminium **5367 203** 1 02

+ Necessary accessories
One of the following articles:
S3000 relay swit.ins. **5403 00** → 248
S3000 electr.swit.ins. **5405 00** → 249
S3000 uni.LED dimm.ins. Standard **5400 00** → 252
S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
S3000 aux.ins. 3-wire **5409 00** → 258
S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

+ Optional accessories
S3000 brightn. + temp.sens. BT **5466 02** → 263
S3000 rocker 2-g blank **5369 ..** → 267

Functional description → 262

Specifications Order No. P. unit PS

Blind controller

D Discontinued item. Available until 12/2019.
Rocker, 2-gang with arrow symbol



aluminium **0294 203** 1 11

+ Necessary accessories

One of the following articles:

- Blind rocker sw. **0159 00** → 227
- Blind rocker btn **0158 00** → 227
- Bus coup.btn 2-g 1-point **0182 00** → 444

D Discontinued item. Available until 12/2019.
Cover with toggle switch for blind switch or button



aluminium **0666 203** 1 11

+ Necessary accessories

One of the following articles:

- Blind btn/sw. group btn/sw. 1-p **0154 00** → 227
- Blind btn/sw. group btn/sw. 2-p **0157 00** → 227

D Discontinued item. Available until 12/2019.
Cover plate for key switch and key push button



aluminium **0664 203** 1 02

+ Necessary accessories

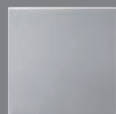
One of the following articles:

- Key btn 1-p **0163 00** → 228
- Key sw. 2-p **0144 00** → 228

+ Optional accessories

- Profile semi-cyl. diff.lock **0001 00** → 233
- Profile semi-cyl. id.lock **0002 00** → 233
- Profile semi-cyl. VdS class B **0003 00** → 233

N New product.
Replaces Standard blind control button top unit
0634 .., 2324 ..
System 3000 operating top unit



aluminium **5360 203** 1 02

+ Necessary accessories

- S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
- S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

Functional description → 326

Specifications Order No. P. unit PS

N New product.
Replaces Standard blind control button top unit
0634 .., 2324 ..
System 3000 operating top unit arrow symbols



aluminium **5361 203** 1 02

+ Necessary accessories

- S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
- S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

Functional description → 326

N New product.
Replaces Standard blind control button top unit
with memory function 0822 ..
System 3000 operating top unit Memory



aluminium **5363 203** 1 02

+ Necessary accessories

- S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
- S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

+ Optional accessories

- S3000 rocker 2-g blank **5369 ..** → 267

Functional description → 326

N New product.
Replaces electronic blind controller top unit easy
0841 ..
System 3000 blind timer and timer Display



Aluminium (lacquered) **5366 203** 1 02

+ Necessary accessories

- S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
- S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

Functional description → 326

E22 aluminium

Specifications Order No. P. unit PS

N New product.
Replaces 1308 ..., 1309 ..., 0385 ...
System 3000 blind timer and timer BT




aluminium **5367 203** 1 02

+ Necessary accessories
S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

+ Optional accessories
S3000 brightn. + temp.sens. BT **5466 02** → 263
S3000 rocker 2-g blank **5369 ..** → 267

Functional description → 262

D Discontinued item. Available until 12/2019.
eNet wireless blind control button top unit,
1-gang





aluminium **5491 203** 1/5 42

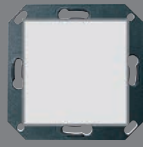

+ Necessary accessories
One of the following articles:
Blind cont. 230 V w/o aux.input **0399 00** → 556
Blind cont. 230 V + aux.input **0398 00** → 556

Functional description → 556

Specifications Order No. P. unit PS

Orientation lighting

LED orientation light 230 V~, white

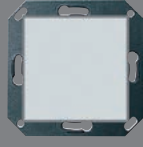




white LED lighting **2361 00** 1/100 02

+ Necessary accessories
One of the following articles:
Adapter fr. Gira E22 f. Sys55 comp. **0289 202** → 185

Functional description → 316

LED orientation light 230 V~ RGB

1169 00 1/100 02

+ Necessary accessories
One of the following articles:
Adapter fr. Gira E22 f. Sys55 comp. **0289 202** → 185

Functional description → 316

Specifications Order No. P. unit PS

Rocker sets for bus systems

D Discontinued item. Available until 12/2019.
Rocker set, 1-gang with inscription space



Clear + aluminium **2131 203** 1 06

Functional description → 437

D Discontinued item. Available until 12/2019.
Rocker set, 2-gang (1+1) with inscription space



Clear + aluminium **2132 203** 1 06

Functional description → 438

D Discontinued item. Available until 12/2019.
Rocker set, 3-gang with inscription space



Clear + aluminium **2133 203** 1 06

Functional description → 438

D Discontinued item. Available until 12/2019.
Rocker set, 4-gang (1+3) with inscription space



Clear + aluminium **2134 203** 1 06

Functional description → 438

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Rocker set, 6-gang (3+3) with inscription space



Clear + aluminium **2136 203** 1 06

Functional description → 438

D Discontinued item. Available until 12/2019.
Rocker set, 2-gang Plus with inscription space



Clear + aluminium **2142 203** 1 06

Functional description → 439

D Discontinued item. Available until 12/2019.
Rocker set, 5-gang Plus (2+3) with inscription space



Clear + aluminium **2145 203** 1 06

Functional description → 439

D Discontinued item. Available until 12/2019.
Rocker set, 1-gang



aluminium **2131 211** 1 06

Functional description → 439

E22 aluminium

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Rocker set, 2-gang (1+1)

aluminium **2132 211** 1 06
 Functional description → 439

D Discontinued item. Available until 12/2019.
Rocker set, 3-gang

aluminium **2133 211** 1 06
 Functional description → 440

D Discontinued item. Available until 12/2019.
Rocker set, 4-gang (1+3)

aluminium **2134 211** 1 06
 Functional description → 440

D Discontinued item. Available until 12/2019.
Rocker set, 6-gang (3+3)

aluminium **2136 211** 1 06
 Functional description → 440

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Rocker set, 2-gang Plus

aluminium **2142 211** 1 06
 Functional description → 440

D Discontinued item. Available until 12/2019.
Rocker set, 5-gang Plus (2+3)

aluminium **2145 211** 1 06
 Functional description → 441

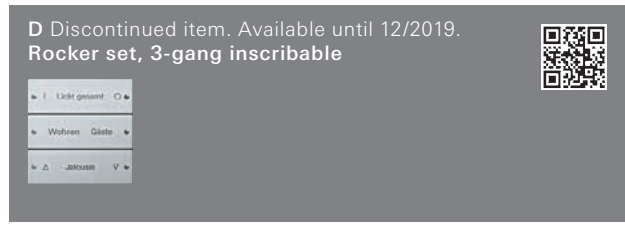
D Discontinued item. Available until 12/2019.
Rocker set, 1-gang inscribable

aluminium **2131 213** 1 07
 This product can **only** be ordered via the Gira
 Inscription Service.
 Functional description → 441

D Discontinued item. Available until 12/2019.
Rocker set, 2-gang (1+1) inscribable

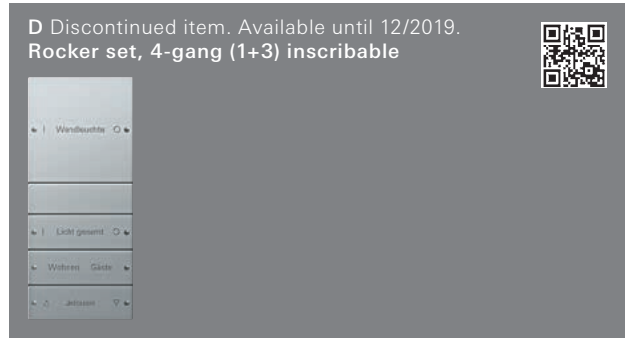
aluminium **2132 213** 1 07
 This product can **only** be ordered via the Gira
 Inscription Service.
 Functional description → 441

Specifications Order No. P. unit PS



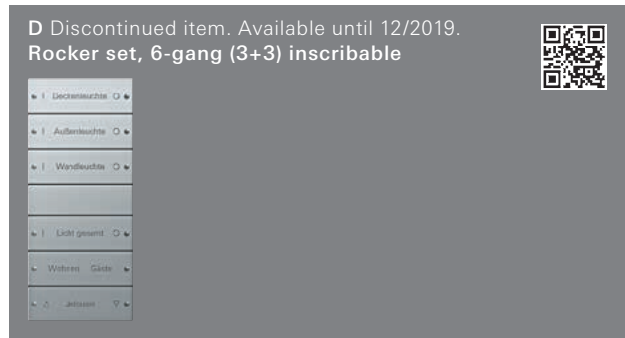
aluminium 2133 213 1 07

This product can **only** be ordered via the Gira Inscription Service.
Functional description → 441



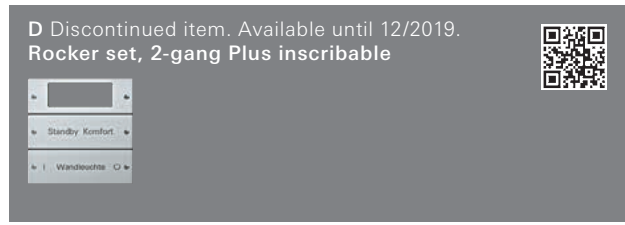
aluminium 2134 213 1 07

This product can **only** be ordered via the Gira Inscription Service.
Functional description → 442



aluminium 2136 213 1 07

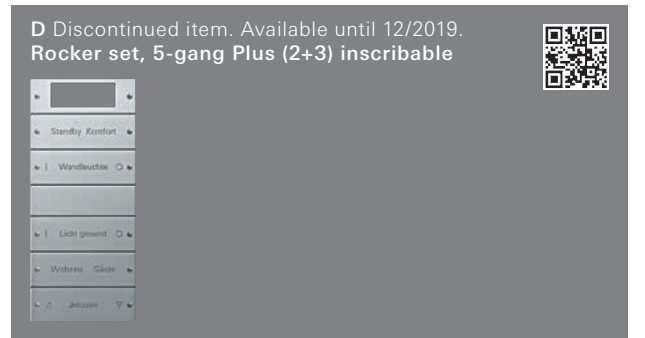
This product can **only** be ordered via the Gira Inscription Service.
Functional description → 442



aluminium 2142 213 1 07

This product can **only** be ordered via the Gira Inscription Service.
Functional description → 442

Specifications Order No. P. unit PS



aluminium 2145 213 1 07

This product can **only** be ordered via the Gira Inscription Service.
Functional description → 442

E22 aluminium

Specifications Order No. P. unit PS

Heating, ventilation, air conditioning

D Discontinued item. Available until 12/2019.
Room temperature controller 230/10 (4) A~
with NC contact, 1-way switch and control light



aluminium **0392 203** 1 02

Functional description → 334

D Discontinued item. Available until 12/2019.
Room temperature controller 230/10 (4) A~
with NC contact



aluminium **0390 203** 1 02

Functional description → 334

D Discontinued item. Available until 12/2019.
Room temperature controller 230/5 (2) A~
with 2-way switch



aluminium **0396 203** 1 02

Functional description → 334

D Discontinued item. Available until 12/2019.
Room temperature controller 24/10 (4) A~
with NC contact, 1-way switch and control light



aluminium **0393 203** 1 02

Functional description → 335

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Room temperature controller 24/10 (4) A~ with
NC contact



aluminium **0391 203** 1 02

Functional description → 335

D Discontinued item. Available until 12/2019.
Room temperature controller 24/5 (2) A~
with 2-way switch



aluminium **0397 203** 1 02

Functional description → 335

D Discontinued item. Available until 12/2019.
Room temperature controller 230/10 (4) A~
with NO contact and sensor for electrical floor
heating



aluminium **0394 203** 1 02

Functional description → 336

D Discontinued item. Available until 12/2019.
Room temperature controller 230 V~ with clock
and cooling function



aluminium **2370 203** 1 02

Functional description → 336

D Discontinued item. Available until 12/2019.
Electronic hygrostat 230 V~(AC)





aluminium **2265 203** 1 02

Functional description → 338

E22 aluminium



Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Ambient air sensor CO₂



Aluminium (lacquered)	2381 203	1	02
Functional description	→ 339		

D Discontinued item. Available until 12/2019.
KNX continuous controller with button interface, 4-gang

aluminium	2100 203	1	06
Functional description	→ 448		

D Discontinued item. Available until 12/2019.
KNX object controller with button interface, 4-gang






aluminium	2101 203	1	06
Functional description	→ 448		

Specifications Order No. P. unit PS

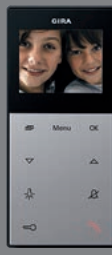

Door communication

D Discontinued item. Available until 12/2019.
Surface-mounted home station



aluminium	1250 203	1	18
Functional description	→ 372		

D Discontinued item. Available until 12/2019.
Surface-mounted video home station Plus

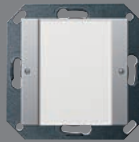

Aluminium (lacquered)	1239 203	1	10
Functional description	→ 373		

D Discontinued item. Available until 12/2019.
Home station

aluminium	1280 203	1	18
Functional description	→ 375		

D Discontinued item. Available until 12/2019.
Call Button, 1-gang for home station

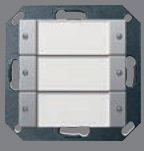




Aluminium (lacquered)	1283 203	1	18
Functional description	→ 376		

E22 aluminium



Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Call Button, 3-gang for home station



Aluminium (lacquered)	1285 203	1	18
Functional description	→ 376		

D Discontinued item. Available until 12/2019.
TFT colour display

aluminium	1286 203	1	10
Functional description	→ 377		

D Discontinued item. Available until 12/2019.
Surface-mounted gong






aluminium	1200 203	1	18
Functional description	→ 380		

Specifications Order No. P. unit PS



Gira Keyless In

D Discontinued item. Available until 12/2019.
Gira Keyless In keypad

Aluminium (lacquered)	2605 203	1	10
Functional description	→ 401		

D Discontinued item. Available until 12/2019.
Gira Keyless In fingerprint reader

aluminium	2617 203	1	10
Functional description	→ 402		

Specifications Order No. P. unit PS

Communication technology entertainment

D Discontinued item. Available until 12/2019.
Cover for coaxial antenna socket



aluminium 0869 203 1 11

+ Necessary accessories

One of the following articles:

- Antenna sock. EDU 04 F 0046 00 → 416
- Antenna sock. GEDU 10 0041 00 → 416
- Antenna sock. GEDU 15 0042 00 → 417
- Antenna sock. FS 302 F 0937 00 → 417

Features

- Third hole can be broken out.

Notes

- For screw mounting only.

Central plate 4-gang (50 x 50 mm) for coaxial antenna socket, with 2 additional SAT connections



black 0258 10 1 01

+ Necessary accessories

- Adapter fr. square 50 x 50 mm 0282 .. → 183

Central plate 4-gang (50 x 50 mm) for coaxial antenna socket, with 2 additional SAT connections



black 0259 10 5/25 01

+ Necessary accessories

- Adapter fr. square 50 x 50 mm 0282 .. → 183

Notes

- Suitable for antenna socket, 4-gang GAD 400 from Fuba, SEV 2 from ECG-Elektro, and GUT 400 from Astro.
- Central plate (50 x 50 mm) for coaxial antenna socket, 4-gang with two additional SAT connections for Fuba, ECG-Elektro, Astro. Suitable for antenna socket, 4-gang GAD 400 from Fuba, SEV 2 from ECG-Elektro and GUT 400 from Astro.

Specifications Order No. P. unit PS

Communication technology Entertainment



Cross reference



Product range overview and functional description

→ 409

Specifications Order No. P. unit PS

Communication technology network technology

D Discontinued item. Available until 12/2019.
Cover for UAE/IAE (ISDN) and network connection box

aluminium	0270 203	1	11
with inscription space			
aluminium	0284 203	1	11

- + Necessary accessories**
 One of the following articles:
- UAE/IAE (ISDN) connection boxes**
- UAE/IAE conn.box 1 x 8-p ST **0179 00** → 420
 - UAE/IAE conn.box 2 x 8-p ST **0187 00** → 420
 - UAE/IAE conn.box 2 x 8-p 8/8 ST **0190 00** → 421
- Network connection boxes**
- Network conn.box Cat.6_A 1-g **2451 00** → 419
 - Network conn.box Cat.6_A 2-g **2452 00** → 419
 - Network conn.box Cat.6 2-g **0166 00** → 419
 - Network conn.box Cat.5e 1-g **0180 00** → 420
 - Network conn.box Cat.5e 2-g **0178 00** → 420
- + Optional accessories**
- In.sheets 54.5 x 7 mm **1453 00** → 231

Features
 - Cover plate can be broken out.

Notes
 - Suitable for UAE/IAE (ISDN) connection boxes.

D Discontinued item. Available until 12/2019.
Cover plate with 30° angled socket outlet and inscription field for Modular Jack support ring




aluminium	2640 203	10/100	11
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- + Necessary accessories**
 One of the following articles:
- Modular jack support ring**
- MJ-01 2-g **5601 00** → 419
 - MJ-02 2-g **5602 00** → 419
 - MJ-03 2-g **5603 00** → 419
 - MJ-04 2-g **5604 00** → 419
 - MJ-05 2-g **5605 00** → 419
 - MJ-06 2-g **5606 00** → 419
 - MJ-07 2-g **5607 00** → 419
 - MJ-08 2-g **5608 00** → 419
 - MJ-09 2-g **5609 00** → 419
 - MJ-10 2-g **5610 00** → 419
- + Optional accessories**
- In.sheets 54.5 x 7 mm **1453 00** → 231
 - Uni.blank cov.pl. cov. MJ 2-g 30° + in.sp. **2645 ..** → 181

Scope of supply
 - Blank inscription label included.

Specifications Order No. P. unit PS

Universal blank cover for modular jack cover, 2-gang with 30° angled socket outlet and inscription space




anthracite	2645 28	10	11
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- + Necessary accessories**
 Cov. 30° + in.sp. f. sup.ring MJ 2-g **2640 ..** → 181



Cross reference
 Product range overview and functional description → 417

Specifications Order No. P. unit PS

Communication technology telecommunications

D Discontinued item. Available until 12/2019.
Cover for
USB data interface



aluminium 0276 203 1 11

with inscription space

aluminium 0876 203 1 11

+ Necessary accessories

One of the following articles:

USB data I/F FM 1070 00 → 515

+ Optional accessories

In.sheets 54.5 x 7 mm 1453 00 → 231

Notes

- Suitable for USB power supply.
- Suitable for USB data interface.

D Discontinued item. Available until 12/2019.
Cover for cable branch and telecommunications
connector socket



aluminium 0274 203 1 11

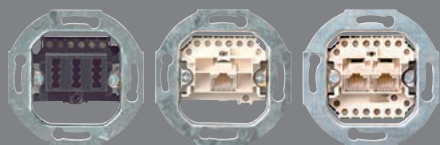
+ Necessary accessories

Cab.branch 5-p 0400 00 → 233

Notes

- Fits all common telecommunications connector sockets.

**Communication technology
Telecommunications**



Cross reference

Product range overview and functional description → 420

Specifications Order No. P. unit PS

Communication technology accessories

D Discontinued item. Available until 12/2019.
Mounting frame with hinged cover



aluminium 2658 203 1/5 01

+ Necessary accessories

Inserts entertainment

Entertainment → 409

Inserts network technology

Network technology → 417

Inserts, accessories

Accessories → 421

D Discontinued item. Available until 12/2019.
Data cap with support ring and inscription
space for communication technology inserts



aluminium 0870 203 1 11

+ Necessary accessories

One of the following articles:

Slide-ins entertainment

Ins.data cap 2-g 0055 00 → 423

Ins.data cap 2-g 0092 00 → 423

Ins. data cap high-end WBT 0091 00 → 423

Slide-ins network technology

Ins.data cap D-sub 0050 00 → 423

Ins.data cap 1-g 0052 00 → 424

Ins.data cap 2-g 0053 00 → 424

Ins.data cap 2-g 0039 00 → 424

Ins.data cap 2-g 0058 00 → 424

Ins.data cap 2-g 0047 00 → 424

Ins.data cap 1-g 0059 00 → 424

Ins.data cap 2-g 0089 00 → 425

Accessories

Uni.ins.data cap adapter set 0049 00 → 423

Blank ins. data cap 0048 00 → 422

+ Optional accessories

In.sheets 62.8 x 6.8 mm 1457 00 → 231

Notes

- For screw mounting only.
- For vertical and 30° angled outlet.

More information

Technical information → i 600

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Plug-in cover cap with adapter frame for devices with cover plate (50 x 50 mm) and angled socket outlet





aluminium **0682 203** 1 11

+ **Optional accessories**
 In.sheets 51.2 x 7 mm **1455 00** → 231

Features
 - With this cover cap and frame (1-gang to 5-gang), devices with a square central plate (50 x 50 mm) from other manufacturers, e.g. Alcatel, AMP Econo Link System, Brand-Rex, METZ CONNECT (BTR), Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ45 connection box Cat.5 BICC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante, Panduit (2-gang MSCSP 2) can be integrated into the design line.

Scope of supply
 - Support ring is **not** included in the scope of supply.

D Discontinued item. Available until 12/2019.
Adapter frame with square cut-out for devices with cover (50 x 50 mm)



Aluminium (lacquered) **0282 203** 1 11

+ **Optional accessories**
 Central pl. 4-g **0258 10** → 78
 Central pl. 4-g **0259 10** → 78

Features
 - Devices with a square central plate (50 x 50 mm) from other manufacturers, e. g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ45 shielded, Cat. 5) can be integrated into the design line with the adapter frame and cover frame (1-gang to 5-gang).

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Adapter frame with round cut-out and hinged cover with inscription space for devices with cover (50 x 50 mm)

aluminium **0681 203** 1 11

Features
 - Devices of other manufacturers with square central plates can be integrated in the switch range with this adapter frame and frame (1 to 5-gang).

Scope of supply
 - Blank inscription label included.

D Discontinued item. Available until 12/2019.
Cover for cable branch and telecommunications connector socket




aluminium **0274 203** 1 11

+ **Necessary accessories**
 Cab.branch 5-p **0400 00** → 233

Notes
 - Fits all common telecommunications connector sockets.

Communication technology Accessories



Cross reference
 Product range overview and functional description → 421

Specifications Order No. P. unit PS

Audio systems

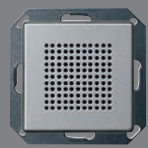
D Discontinued item. Available until 12/2019.
RDS flush-mounted radio with a speaker



Operating top unit in black glass appearance
aluminium **2280 203** 1 03

Functional description → 84

D Discontinued item. Available until 12/2019.
Speaker for the RDS flush-mounted radio



aluminium **2282 203** 1 03

Functional description → 84

Docking station insert



2281 00 1 03

Functional description → 85

D Discontinued item. Available until 12/2019.
Top unit Apple Lightning for docking station insert



aluminium **2287 203** 1 03

Functional description → 85

D Discontinued item. Available until 12/2019.
Top unit USB Micro-B for docking station insert



aluminium **2285 203** 1 03

Functional description → 85

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Blank cover plate for docking station insert



aluminium **2288 203** 1 03



Functional description → 86

E22 aluminium

Specifications Order No. P. unit PS

Hospital Installation

D Discontinued item. Available until 12/2019.
Equipotential bonding socket, 2-gang

aluminium 0405 203 1 11

+ Optional accessories
Angled sock.plug 044757 → 185

Features
- For the connection of medical devices. DIN 42 801.

Technical data
Installation depth: 31 mm
Connections: 6 to 10 mm²

Angular socket plug DIN 42 801 for equipotential bonding socket




For lines up to 6 mm² 044757 5/25 01



+ Optional accessories
Equipot.bond.sock. 2-g 0405 .. → 185

Scope of supply
- A yellow insulating sleeve is included in the scope of supply.

Specifications Order No. P. unit PS

Accessories

D Discontinued item. Available until 12/2019.
Blank cover plate with support ring

aluminium 0268 203 5 11

Notes
- For screw mounting only.



D Discontinued item. Available until 12/2019.
Adapter frame with square cut-out (55 x 55 mm) for Gira E22 aluminium




0289 202 5/25 11

Notes
- Plastic material.
- For integration of System 55 functions in Gira E22 Stainless steel.

Name plate/door plate

1-gang for stainless steel, aluminium
pure white 1071 202 1/5 11

1-gang for pure white glossy
pure white 1071 00 1 01

+ Optional accessories
Mount.pl. 1-g name/door pl. E2 1081 .. → 186
In.sheets name/door pl. 1085 00 → 186
Sup.ring name/door pl. 1448 00 → 186

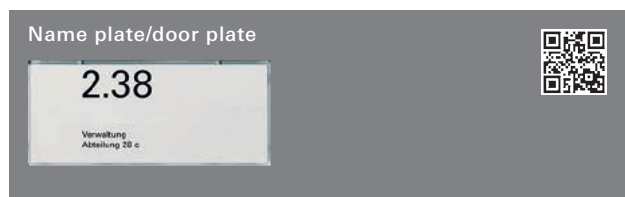
Features
- Name plate/door plate for rooms.
- Consisting of a base plate and a transparent, plug-in cover.
- Simple replacement of the label carrier.

Two mounting options
- Fastening:
The base plate of the name plate/door plate is mounted to the wall with the included screws/wall plugs.
- Adhesion:
The base plate is attached to smooth surfaces, e.g. coated doors, with the accompanying sticky points.

Technical data
Dimensions in mm
W 51 H 51

Notes
- For mounting on glass surfaces, use the mounting plate that is available separately. The mounting plate allows for a clean-looking closure on the back of the surface.
- Suitable for frames from the Standard 55, Event, E2, or E22 design lines.
- The inscription sheets can be printed using any conventional printer.

Specifications Order No. P. unit PS



2-gang pure white	1072 00	5	01
-----------------------------	----------------	---	----

+ Necessary accessories

With integration in cover frame Gira E22

Cov.fr. 2-g w/o cb 1002 203	→	155
With integration in flat installation (installation kit and 2 x support ring)		
Install.kit 2-g w/o cb flat DB 2886 203	→	156
Sup.ring name/door pl. 1448 00	→	186
With integration in flat installation (flat cover frame and 2 x support ring)		
Cov.fr. 2-g w/o cb 1002 203	→	155
Sup.ring name/door pl. 1448 00	→	186

+ Optional accessories

Mount.pl. 2-g name/door pl. E2 1082 ..	→	186
In.sheets name/door pl. 1085 00	→	186

Features

- Name plate/door plate for rooms.
- Consisting of a base plate and a transparent, plug-in cover.
- Simple replacement of the label carrier.

Two mounting options

- Fastening:
The base plate of the name plate/door plate is mounted to the wall with the included screws/wall plugs.
- Adhesion:
The base plate is attached to smooth surfaces, e.g. coated doors, with the accompanying sticky points.

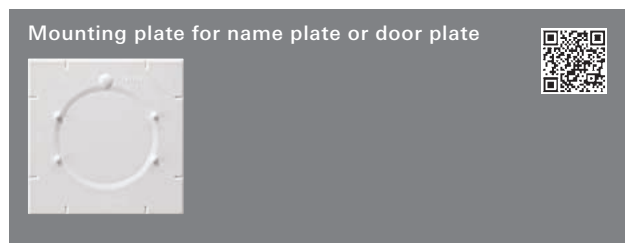
Technical data

Dimensions in mm

W 122	H 51
-------	------

Notes

- For mounting on glass surfaces, use the mounting plate that is available separately. The mounting plate allows for a clean-looking closure on the back of the surface.
- Suitable for 2-gang frame without crossbar from the Standard 55, Event, E2 or E22 switch ranges.
- The inscription sheets can be printed using any conventional printer.



1-gang pure white	1081 02	1	11
black	1081 00	1	01
2-gang pure white	1082 02	10	11
black	1082 00	1	01

+ Necessary accessories

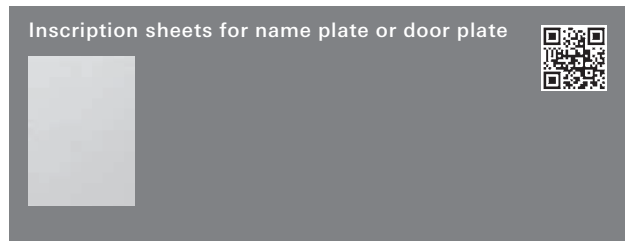
One of the following articles:

Name/door pl. 1-g f. SST AL 1071 202	→	185
name/door pl. 1-g 1071 00	→	185
Name/door pl. 2-g 1072 00	→	186

Specifications Order No. P. unit PS

Features

- The self-adhesive mounting plate is an adapter plate for attaching the name plate or door plate to smooth, transparent surfaces, e. g. glass panes.
- The mounting plate allows for a clean-looking closure on the back of the surface.



1085 00	1	01
----------------	---	----

+ Necessary accessories

One of the following articles:

Name/door pl. 1-g f. SST AL 1071 202	→	185
name/door pl. 1-g 1071 00	→	185
Name/door pl. 2-g 1072 00	→	186

Features

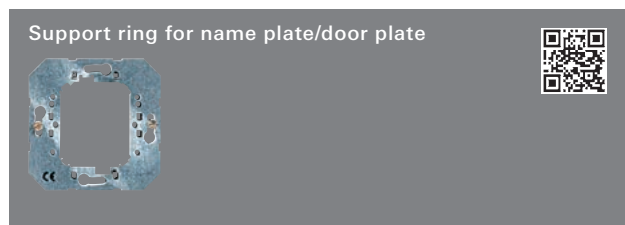
- Insert for the name plate/door plate in DIN A4 format. The material thickness is ideal for the plate. This prevents waving, as can occur with common copier paper.

Notes

- The inscription sheets can be printed using any conventional printer.

Scope of supply

- Ten sheets are included in the scope of supply.



1448 00	1	01
----------------	---	----

+ Necessary accessories

One of the following articles:

Name/door pl. 1-g f. SST AL 1071 202	→	185
name/door pl. 1-g 1071 00	→	185
Name/door pl. 2-g 1072 00	→	186

Notes

- For integration of the name plate **1071 ..**, **1072 ..** in E22 flat installation.



Adapter support ring 80 x 80 mm	2849 00	10	29
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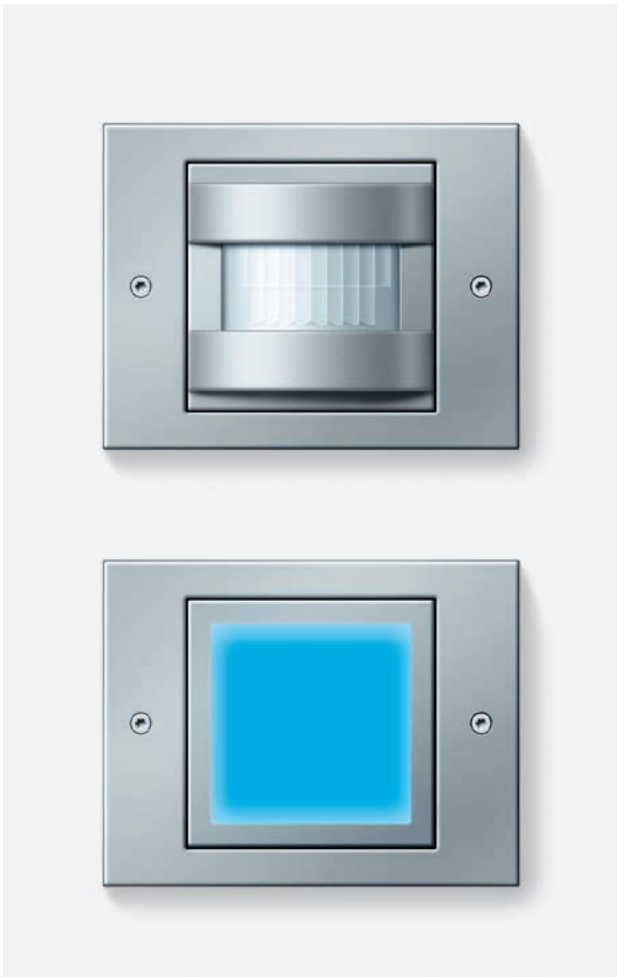
Notes

- For integration of Gira products with support ring 71 x 71 mm.

E22 aluminium

Gira water-protected

Water-protected flush-mounted IP44	
Gira TX_44	189
Gira water-protected surface-mounted system IP44	197
Gira water-protected surface-mounted system IP66	203



Water-protected

Protection against moisture and water penetration

The chapter "Gira water-protected" covers design lines that are suitable for use in water-protected, flush-mounted and surface-mounted installations both indoors and outdoors. Depending on the requirements, switches, buttons and SCHUKO socket outlets with protection types IP44 (protected against splash water) or IP66 (protected against water jets) are available.



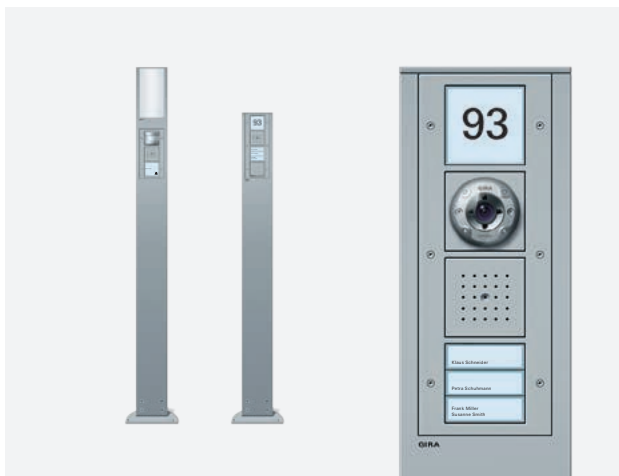
Protection against splash water (IP44)

IP44 stands for safe protection against solid particles such as rough sand and against splash water. It is a minimum requirement for outdoor use. Gira design lines that are equipped with this protection are especially suitable for damp rooms, e. g. bathrooms and areas that are exposed to the weather, such as cellars or garages.



Protection against powerful water jets (IP66)

Gira design lines that have the IP66 rating provide absolute protection against dust and strong jets of water. Thanks to their imperviousness, they are ideal for harsh applications and their robust material quality, which offers protection against chemicals and vandalism, makes them the perfect choice for use in cellars, garages, workshops and industry.



Integration into Gira energy profile and light profiles for outdoor use

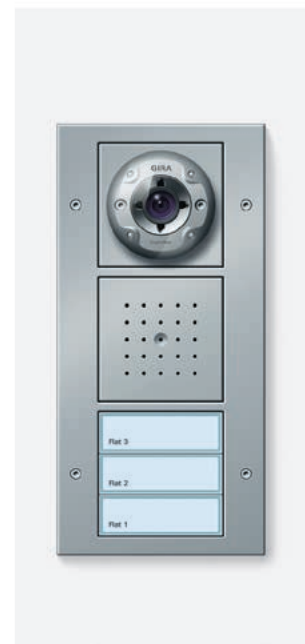
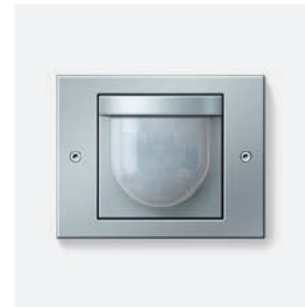
The Gira energy profile extends the outdoor electrical installation. The housing, cover, and base are made of robust, weather-resistant aluminium with a scratch-resistant, dirt-resistant surface. The Gira energy profile with empty units can be equipped with the water-protected Gira TX_44 design line as needed.

Water-protected flush-mounted IP44 Gira TX_44

Gira TX_44 cover frame	192
Lighting control	192
Orientation lighting	194
Door communication	194
Gira Keyless In	196
Accessories	196

Product design
Phoenix Design, Stuttgart

Gira Design Configurator
www.designconfigurator.gira.com



Flush-mounted IP44
TX_44

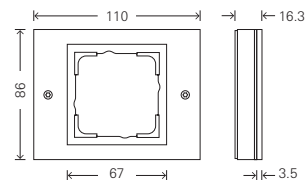
Water-protected and robust

Gira TX_44 is a very robust design line that is perfect for outdoor use, in damp rooms and as part of interior design. Gira TX_44 can be installed with IP44 protection against splash water and is thus eminently suitable for use in the garden, on balconies or terraces. Thanks to integration of the Gira System 55 inserts, the Gira TX_44 has a very large functional depth – including data connection technology or KNX.

Characteristics

- All functions of the Gira door communication systems can be integrated.
- Suitable for vertical and horizontal installation.
- Gira TX_44 cover frames can be integrated into the Gira energy profile and light profiles.
- Inserts from the Gira System 55 can be integrated by means of an adapter frame.
- Material is impact resistant and shatter proof, ball proof, halogen free and UV-resistant, weather resistant and microbiologically safe.
- The anthracite and aluminium-colour versions fulfil German standard DIN 68 861, load group 1B, for resistance against chemicals.
- Theft-proof thanks to being mounted with Torx screws.
- Increased theft protection when Tri-Wing screws are used.
- Flush-mounted installation, protected against splash water (IP44).
- Flush-mounted installation (IP20).

Dimensions in mm



Cover frame, 1-gang:	W 110	H 86	D 16.3
Cover frame, 2-gang:	W 110	H 157	D 16.3
Cover frame, 3-gang:	W 110	H 229	D 16.3
Cover frame, 4-gang:	W 110	H 300	D 16.3
Corner radius:	R 0.5		

Technical data

Platform:	Water-protected flush-mounted
Material:	Thermoplastic (ASA)
Installation type:	Flush-mounted
Protection type:	IP20, IP44

Variants



Pure white glossy
(similar to RAL 9010)



Colour aluminium
(lacquered)



Anthracite
(lacquered)



Cover frame
→ 192



Lighting control
→ 192



Orientation
lighting
→ 194



Door
communication
→ 194



Gira Keyless In
→ 196



Accessories
→ 196

Specifications Order No. P. unit PS

Gira TX_44 cover frame

Features

- Shatter-proof.

Notes

- Frames are easy to install without tools; disassembly requires a Torx screwdriver T9 or T10.
- Wall plug mounting is possible.
- Centre inserts safeguarded against disassembly.

Gira TX_44 cover frame



pure white

1-gang	0211 66	5/100	13
2-gang	0212 66	5/100	13
3-gang	0213 66	5	13
4-gang	0214 66	1	13

Scope of supply

- With seal flange.

Gira TX_44 cover frame



anthracite

1-gang	0211 67	5/100	13
2-gang	0212 67	5/100	13
3-gang	0213 67	5	13
4-gang	0214 67	1	13

Scope of supply

- With seal flange.

Gira TX_44 cover frame



colour aluminium

1-gang	0211 65	5/100	13
2-gang	0212 65	5/100	13
3-gang	0213 65	5	13
4-gang	0214 65	1	13

Scope of supply

- With seal flange.

Specifications Order No. P. unit PS

Lighting control

N New product.
Replaces 1300 ..., 0661 ...
System 3000 motion detector top unit,
mounting height up to 1.10 m



Standard top unit

pure white	5373 66	1	02
anthracite	5373 67	1	02
colour aluminium	5373 65	1	02

Komfort top unit

pure white	5374 66	1	02
anthracite	5374 67	1	02
colour aluminium	5374 65	1	02

Functional description of Standard top unit → 264

Functional description of Komfort top unit → 264

N New product.
Replaces 2301 ..., 2302 ...
System 3000 motion detector top unit,
mounting height up to 2.20 m



Standard top unit

pure white	5375 66	1	02
anthracite	5375 67	1	02
colour aluminium	5375 65	1	02

Komfort top unit


pure white	5376 66	1	02
anthracite	5376 67	1	02
colour aluminium	5376 65	1	02

Functional description of Standard top unit → 265

Functional description of Komfort top unit → 266

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 motion detector top unit, mounting height up to 1.10 m 5373 .., 5374 ..
System 2000 automatic control switch mounting height up to 1.10 m



Standard top unit

D pure white	1300 66	1/5	02
D anthracite	1300 67	1/5	02
D colour aluminium	1300 65	1/5	02

D Discontinued Item. Available until 12/2019.


Komfort top unit

D pure white	0661 66	1	02
D anthracite	0661 67	1	02
D colour aluminium	0661 65	1/100	02

D Discontinued Item. Available until 12/2019.

Functional description of Standard top unit → 306
 Functional description of Komfort top unit → 306

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 motion detector top unit, mounting height up to 2.20 m 5375 .., 5376 ..
System 2000 automatic control switch 2 mounting height up to 2.20 m



Standard top unit

D pure white	2301 66	1	02
D anthracite	2301 67	1	02
D colour aluminium	2301 65	1	02

D Discontinued Item. Available until 12/2019.


Komfort top unit

D pure white	2302 66	1	02
D anthracite	2302 67	1	02
D colour aluminium	2302 65	1	02

D Discontinued Item. Available until 12/2019.

Functional description of Standard top unit → 307
 Functional description of Komfort top unit → 308

N New product.
KNX motion detector up to 1.10 m



Standard top unit

pure white	2040 66	1	06
anthracite	2040 67	1	06
colour aluminium	2040 65	1	06

Komfort top unit

pure white	2050 66	1	06
anthracite	2050 67	1	06
colour aluminium	2050 65	1	06

Functional description of Standard top unit → 498
 Functional description of Komfort top unit → 499

Specifications Order No. P. unit PS

N New product.
KNX motion detector up to 2.20 m



Standard top unit

pure white	2041 66	1	06
anthracite	2041 67	1	06
colour aluminium	2041 65	1	06

Komfort top unit

pure white	2051 66	1	06
anthracite	2051 67	1	06
colour aluminium	2051 65	1	06

Functional description of Standard top unit → 500
 Functional description of Komfort top unit → 501

Specifications Order No. P. unit PS

Orientation lighting

LED orientation light, 230 V~



white LED lighting			
pure white	1161 66	1/5	13
anthracite	1161 67	1/5	13
colour aluminium	1161 65	1/5	13
blue LED lighting			
pure white	1162 66	1/5	13
anthracite	1162 67	1/5	13
colour aluminium	1162 65	1/5	13

Functional description → 317

Specifications Order No. P. unit PS

Door communication

Door station, 1-gang



pure white	1260 66	1/100	18
anthracite	1260 67	1/100	18
colour aluminium	1260 65	1/100	18

Functional description → 354

Door station, 3-gang



pure white	1261 66	1/100	18
anthracite	1261 67	1/100	18
colour aluminium	1261 65	1/100	18

Functional description → 355

Call Button, 1-gang for Door Station



Program-neutral	1262 00	1	18
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Functional description → 356


Call Button, 3-gang for Door Station




Program-neutral	1263 00	1/100	18
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Functional description → 356


Specifications Order No. P. unit PS


Info module for door station 



Program-neutral	1264 00	1/100	18
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Functional description → 357


Colour camera for door station 



pure white	1265 66	1	10
anthracite	1265 67	1	10
colour aluminium	1265 65	1	10


Functional description → 357


Surface-mounted door station, 1-gang 



pure white	1266 66	1/100	18
anthracite	1266 67	1/100	18
colour aluminium	1266 65	1/100	18

Functional description → 362


Surface-mounted door station, 3-gang 




pure white	1267 66	1/100	18
anthracite	1267 67	1	18
colour aluminium	1267 65	1/100	18

Functional description → 362


Specifications Order No. P. unit PS


Surface-mounted door station, 6-gang 



pure white	1268 66	1/100	18
anthracite	1268 67	1	18
colour aluminium	1268 65	1/100	18


Functional description → 362


Surface-mounted video door station, 1-gang 



pure white	1269 66	1/100	10
anthracite	1269 67	1/100	10
colour aluminium	1269 65	1/100	10

Functional description → 363

Surface-mounted video door station, 3-gang 

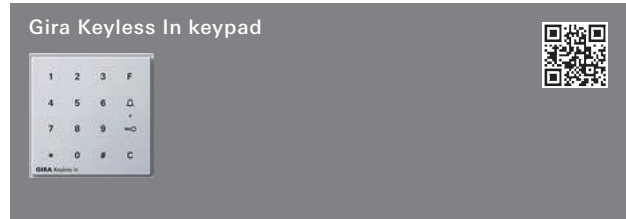


pure white	1270 66	1/100	10
anthracite	1270 67	1	10
colour aluminium	1270 65	1/100	10

Functional description → 363

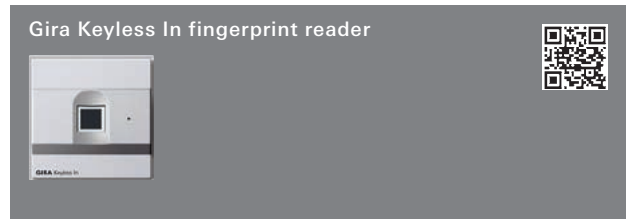
Specifications Order No. P. unit PS

Gira Keyless In



pure white	2605 66	1	10
anthracite	2605 67	1	10
colour aluminium	2605 65	1/100	10

Functional description → 401



pure white	2617 66	1	10
anthracite	2617 67	1	10
colour aluminium	2617 65	1	10

Functional description → 402

Specifications Order No. P. unit PS

Accessories



pure white	0268 66	5	13
anthracite	0268 67	1	13
colour aluminium	0268 65	5	13

Notes
- Wall plugs must be used for the frames when using 1-gang frames.



30 pieces	1402 00	1	09
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+ Optional accessories
Gira TX_44 cover frame → 192

Notes
- Suitable for Torx screwdrivers T9 and T10.

Scope of supply
- 30 screws are included in the scope of supply.



30 pieces	1407 00	1	09
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+ Optional accessories
Gira TX_44 cover frame → 192
TX_44 surface-mounted door stations → 362
Tri-Wing screwdriver **1408 00** → 196

Features
- Tri-Wing screw set for increased theft protection.



	1408 00	1	09
--	----------------	---	----

+ Optional accessories
Tri-Wing screws 30 pcs. **1407 00** → 196

Gira water-protected surface-mounted system IP44

Blind controller	200
Time switch	201
Bus coupler button	201
Accessories	202

Awards

DEUBAU Product Award Europe 1992

Product Design

Prof. Odo Klose, Wuppertal



Surface-mounted
IP44

Robust in moist environments and under high stress

The Gira water-protected surface-mounted system IP44 design line is a particularly safe installation system for use in areas with harsh ambient conditions due to their purpose. This includes workshops, industrial halls or farms, but also cellars, garages or outdoor areas where the requirements for long-term safe electrical installation are higher.

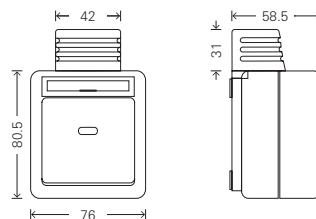
Characteristics

- Shatter-proof housings for long-term protection against contact and maximum electrical safety.
- High surface quality protects against external influences and dirt.
- UV-resistant material
- Functional material, resistant against external influences such as oils, greases, fuels and chemicals.
- The SCHUKO socket outlets with item numbers 0175 30, 0785 30 and 0784 30 are equipped with specially alloyed metal parts for added resistance to aerosolised ammonia.
- Housing design IP44 in acc. with DIN EN 60529.
- Housing designs for horizontal and vertical installation.

Technical data

Platform:	WP SM
Material:	Thermoplastic
Installation type:	Surface-mounted
Protection type:	IP44
Operating temperature:	-20 °C to +45 °C
Storage temperature:	-20 °C to +65 °C

Dimensions in mm



1-gang, vertical installation:	W 76	H 80.5	D 58.5
2-gang, vertical installation:	W 76	H 162.5	D 58.5
2-gang, horizontal installation:	W 153.5	H 80.5	D 58.5
3-gang, horizontal installation:	W 231	H 80.5	D 58.5

Variant



Grey



Blind controller
→ 200



Time switch
→ 201



Bus coupler button
→ 201



Accessories
→ 202

Specifications Order No. P. unit PS

Blind controller

Blind button or switch 1-pole 10 AX 250 V~ with inscription space



Group button/switch
grey 0154 30 1/100 14

+ Optional accessories

In.sheets 54.5 x 7 mm 1453 00 → 231

Auxiliary unit for

S3000 blind ctrl.ins. + aux.inputs 5414 00 → 325

Blind cont. 230 V + aux.input 0398 00 → 556

Notes

- Button function upon rotation of the toggle switch. After removing the brass locking mechanism, button function upon slight rotation of the knob. When fully rotating the knob, the switch engages.

Scope of supply

- Blank inscription label included.

Key button 10 AX 250 V~ for all DIN profile semi-cylinders



Button 1-pole
grey 0163 30 1 02

+ Optional accessories

Metal cover plate

Metal cov. + symbols 0097 30 → 200

Metal cov. w/o symbols 0098 30 → 200

Profile semi-cylinder

Profile semi-cyl. diff.lock 0001 00 → 233

Profile semi-cyl. id.lock 0002 00 → 233

Profile semi-cyl. VdS class B 0003 00 → 233

Auxiliary unit for

S3000 blind ctrl.ins. + aux.inputs 5414 00 → 325

Blind cont. 230 V + aux.input 0398 00 → 556

Technical data

Dimensions in mm

- Diecast aluminium housing: W 75 H 75 D 66

Notes

- Please order lock separately.
- The housing cover can only be disassembled when the lock is in unlocked position.
- M20 entry from bottom.

Scope of supply

- The lock is **not** included in the scope of supply.

More information

Technical information → i 675

Specifications Order No. P. unit PS

Key switch 10 AX 250 V~ for all DIN profile semi-cylinders



Switch 2-pole
grey 0144 30 1 02

+ Optional accessories

Metal cover plate

Metal cov. + symbols 0097 30 → 200

Metal cov. w/o symbols 0098 30 → 200

Profile semi-cylinder

Profile semi-cyl. diff.lock 0001 00 → 233

Profile semi-cyl. id.lock 0002 00 → 233

Profile semi-cyl. VdS class B 0003 00 → 233

Auxiliary unit for

S3000 blind ctrl.ins. + aux.inputs 5414 00 → 325

Blind cont. 230 V + aux.input 0398 00 → 556

Technical data

Dimensions in mm

- Diecast aluminium housing: W 75 H 75 D 66

Notes

- Please order lock separately.
- The housing cover can only be disassembled when the lock is in unlocked position.
- M20 entry from bottom.

Scope of supply

- The lock is **not** included in the scope of supply.

More information

Technical information → i 675

Metal cover, 125 x 100 mm



with symbols ▽△
aluminium 0097 30 1 02

without symbols
aluminium 0098 30 1 02

+ Necessary accessories

Key sw. 2-p 0144 30 → 200


Key btn 1-p 0163 30 → 200


Features

- Plate for covering the key switch for flush-mounted installation.

Specifications Order No. P. unit PS

Time switch

Time switch, 2-pole 16 A 250 V~ with inscription space 



15 minutes
grey **0320 30** 1 02


120 minutes
grey **0321 30** 1 02


+ Optional accessories
In.sheets 54.5 x 7 mm **1453 00** → 231

Notes
- Different times available on request.

Scope of supply
- Blank inscription label included.

More information
Technical information →  631

Timer water-protected surface-mounting (IP44) with inscription space 



15 min
pure white **1320 32** 1 02

30 min
pure white **1325 32** 1 02

60 min
pure white **1323 32** 1 02

120 min
pure white **1321 32** 1 02

120 min/fixed location
pure white **1326 32** 1 02

120 min/2-way switch
pure white **1329 32** 1 02


240 min
pure white **1324 32** 1 02


360 min
pure white **1327 32** 1 02

720 min
pure white **1328 32** 1 02

Specifications Order No. P. unit PS

Bus coupler button


KNX bus coupler button water-protected surface-mounted 1-gang with control window and single-point operation 




grey **5151 30** 1 06

+ Optional accessories
In.sp. blank in.label f. sw. **0018 00** → 202
In.sheets 54.5 x 7 mm **1453 00** → 231

Functional description → 445


KNX bus coupler button water-protected surface-mounted 2-gang with control window and single-point operation 




grey **5152 30** 1 06

+ Optional accessories
In.sp. blank in.label f. sw. **0018 00** → 202
In.sheets 54.5 x 7 mm **1453 00** → 231

Functional description → 445

KNX water-protected surface-mounted bus coupler button, 2-gang with single-point operation 

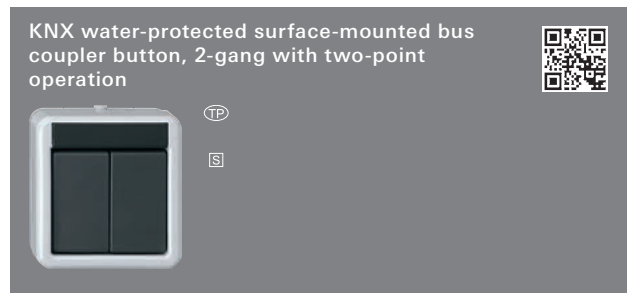


grey **5161 30** 1 06

+ Optional accessories
In.sp. blank in.label f. sw. **0018 00** → 202
In.sheets 54.5 x 7 mm **1453 00** → 231

Functional description → 446

Specifications Order No. P. unit PS

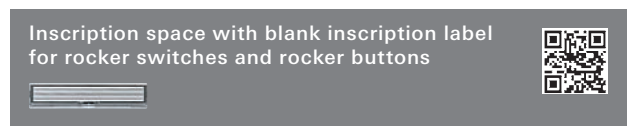


grey 5162 30 1 06

+ Optional accessories
 In.sp. blank in.label f. sw. **0018 00** → 202
 In.sheets 54.5 x 7 mm **1453 00** → 231

Functional description → 446

Accessories



0018 00 10 14

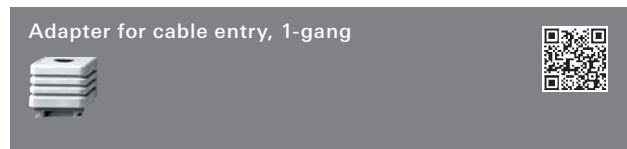


grey 0070 30 1 14

+ Optional accessories
 Uni.btn I/F 2-g **1118 00** → 537
 Uni.btn I/F 4-g **1119 00** → 537

Technical data
 Ambient temperature
 - Normal operation: -20 °C to +45 °C
 - with KNX: -5 °C to +45 °C
 Dimensions in mm
 W 88,5 H 107,5 D 54,5

Notes
 - The junction box can be equipped with connection adapters for cable ducts or tubes.
 - With this junction box and the KNX button interface, the water-protected surface-mounted design line can easily be integrated in the KNX system.



for tube M20
 grey 0011 30 10 14

for duct 15 x 15 mm
 grey 0008 30 10 14

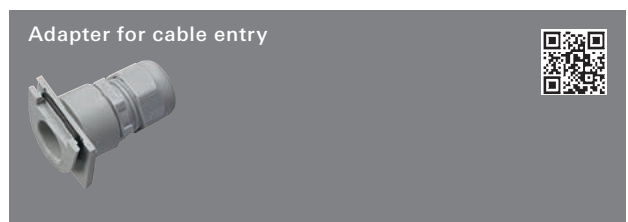
for duct 15 x 30 mm
 grey 0010 30 10 14

Specifications Order No. P. unit PS



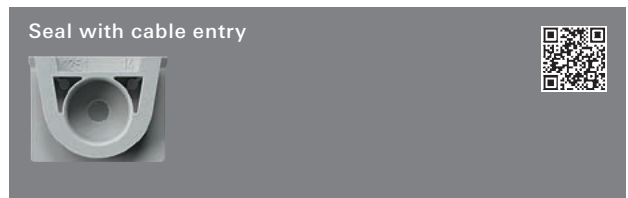
Set
 grey 0007 30 10 14

Scope of supply
 - Complete with seals for:
 - Duct 15 x 15 mm
 - Duct 15 x 30 mm
 - Tube up to 20 mm



with screw connection M20
 grey 0006 30 10/100 14

Notes
 - for cables Ø 6 to 13 mm.



1-gang (closed)
 grey 0009 30 10 14

2-gang (twin entry)
 grey 0012 30 10 14

Notes
 - For cables Ø 6 to 13 mm.



grey 0013 30 10/50 14

Features
 - For coupling several devices.

Product Design
Prof. Odo Klose, Wuppertal



Surface-mounted
IP66

Highly robust for indoor and outdoor use

The Gira water-protected surface-mounted system IP66 design line (protected against water jets) is a particularly safe installation system for use in areas that not only have harsh ambient conditions due to their purpose, but also contain a high amount of dust, dirt and strong water jets, for example.

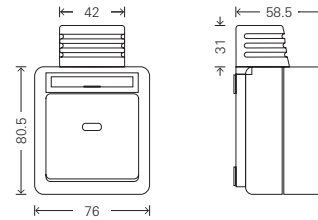
Characteristics

- Housing design is compliant with IP66, in acc. with DIN EN 60529, and thus provides protection against the penetration of dust and against strong water jets.
- Shatter-proof housings for long-term protection against contact and maximum electrical safety.
- UV-resistant material
- High surface quality protects against external mechanical influences and dirt.
- Functional material, resistant against external influences such as oils, greases, fuels and chemicals.
- Housing designs for horizontal and vertical installation.

Technical data

Platform:	WP SM
Material:	Thermoplastic
Installation type:	Surface-mounted
Protection type:	IP66
Operating temperature:	-20 °C to +45 °C
Storage temperature:	-20 °C to +65 °C

Dimensions in mm [rocker switch and rocker button, IP66]



1-gang:

W 76 H 80.5 D 70

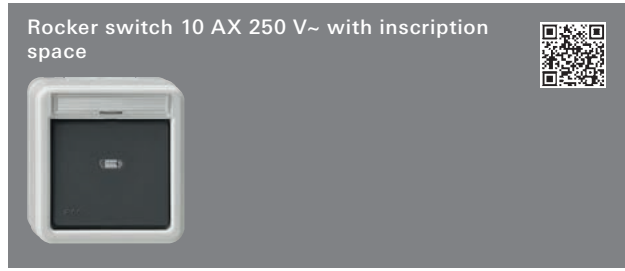
Variant



Grey

Specifications Order No. P. unit PS

Switching and pressing

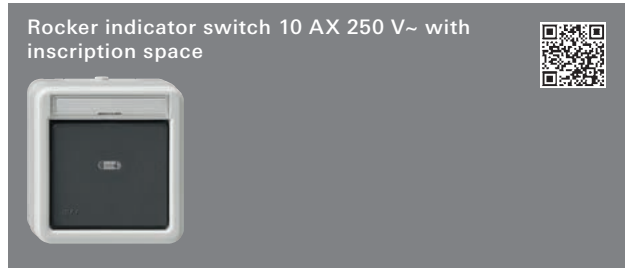


Universal off/2-way switch grey	0106 31	1	14
Intermediate switch grey	0107 31	1	14
Circuit breaker, 2-pole grey	0102 31	1	14
+ Optional accessories			
In.sheets 54.5 x 7 mm	1453 00	→	231
Lighting elements			
Neon lamp element 0.35 mA	0995 00	→	229
Neon lamp element 1.5 mA	0997 00	→	229
LED lighting elements			
LED light.e. 2.6 mA YE	0497 07	→	229
LED light.e. 0.8 mA BU	0497 08	→	229
LED light.e. 2.6 mA RD	0497 10	→	229
LED light.e. 0.7 mA WH	0497 18	→	229
LED light.e. 24 V RD	0992 00	→	229
LED light.e. 24 V colour-neutral	1405 00	→	229

Notes
- Can also be connected with illumination.

Scope of supply
- Blank inscription label included.

More information
Technical information → [i 633](#)



Universal off/2-way switch grey	0116 31	1	14
Circuit breaker, 2-pole grey	0112 31	1	14
+ Optional accessories			
See listing at			
Rocker sw. off/2-way in.sp.	0106 31	→	205

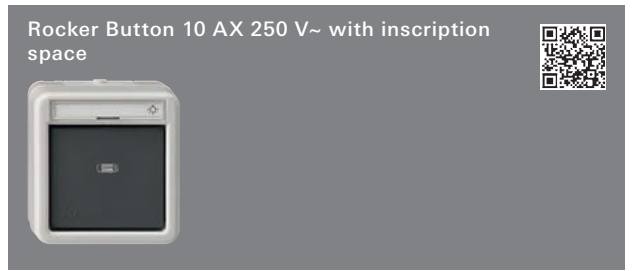
Features
- With neon lamp element.

Notes
- Can also be connected with illumination.

Scope of supply
- Inscription label "Heizung Ein/Aus", "VERWARMING AAN/UIT" is included.

More information
Technical information → [i 633](#)

Specifications Order No. P. unit PS



2-way momentary-contact, 1-pole grey	0156 31	1	14
NO contact, 1-pole with sep. signal contact grey	0152 31	1	14

+ Optional accessories
See listing at
Rocker sw. off/2-way in.sp. **0106 31** → 205

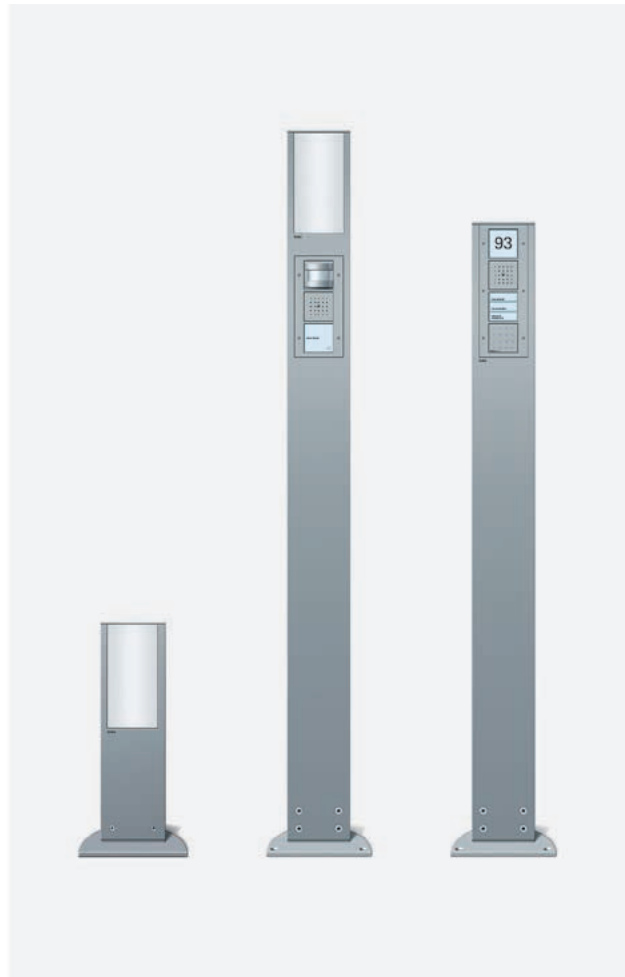
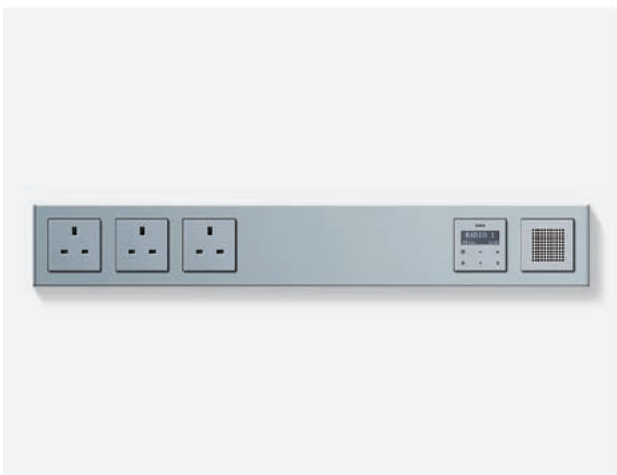
Notes
- Can also be connected with illumination.

Scope of supply
- Blank inscription label included.
- Inscription labels with "light", "bell" and "door" symbols are included.

More information
Technical information → [i 633](#)

Installation profile

Gira Profile 55	209
Gira energy profile and light profiles	215
Gira Studio	137



Flexible function, efficient installation

From the proven Gira products for surface-mounting to the new Gira Studio AP design line and Gira Profile 55 to the representative modular function profiles, the Gira energy profile and light profiles for outdoor areas: there are many options for combining devices and functions into compact units, or for extending installations, without prising open walls. Clean and easy – ideal in all areas where needs can quickly change. And Gira AP now also makes surface-mounted installation indoors in your home a viable option.



Gira Studio AP

Taking surface-mounted installation to the next level: the new Gira Studio AP design line – even and especially in home interior design. Also excellent for upgrading function rooms. Progressive design with premium quality surfaces in black or white glass vertically and horizontally and extended as desired to open up a whole world of new layout options. More than 300 functions from the Gira System 55 can be integrated. Check out the new Studio AP range starting on page → 135



Gira Profile 55

Gira Profile 55 enables easy extension of existing installations without having to open the wall. The aluminium profile with up to eight empty units is available in different lengths and can be individually equipped with numerous functions that provide convenience, safety and value. Even home stations for door communication can easily be retrofitted using these profiles.



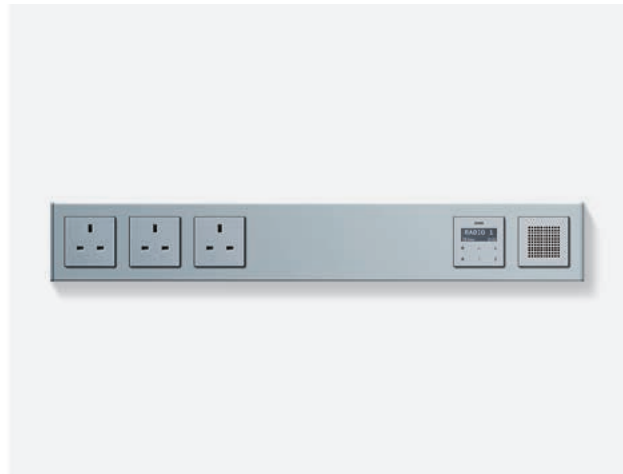
Gira energy profile and light profiles

The Gira energy profile and light profiles enable a broad range of outdoor applications: for example, they allow door communication, access control by means of Gira Keyless In, motion detectors and lighting to be installed exactly where these functions are needed – along paths and green areas, at driveways or in entrance areas.

Gira Profile 55 System 55

Vertical and horizontal installation	212
Horizontal installation	212
With angled mounting bracket / base foot	213
Accessories	213

Product Design
Gira Design Team, Radevormwald



Extension installation on the wall

Profile 55 is particularly useful in rooms where work-intensive extension of the existing electrical installation is prohibited, for example by the landlord. In the empty units of the profile, additional socket outlets, communication technology, the Gira flush-mounted radio or a multitude of other functions from the Gira System 55 can be integrated easily and with minimal effort, tailored to the individual requirements.

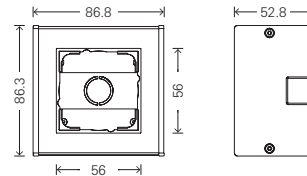
Characteristics

- Needs-based modification, using the more than 300 functions of the Gira System 55 platform.
- Suitable for vertical and horizontal installation.
- Easy extension of existing electrical installations at a later date without opening the walls.
- In the case of a move, the profiles can be removed easily and can be installed at the new location again.
- Versions available with mounting brackets for installation underneath hanging cabinets, on desks or work benches.
- Rear and side cable glands allow easy cabling of the electrical installation.

Technical data

Platform:	System 55
Material:	Aluminium
Installation type:	Surface-mounted
Protection type:	IP20

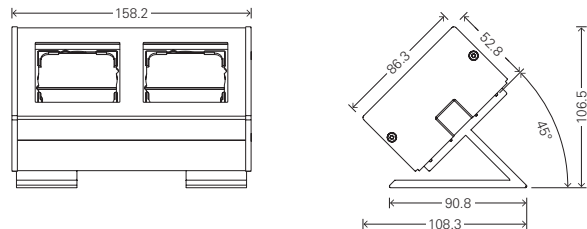
Dimensions in mm



Profile 55, 1-gang:	W 87	H 86	D 53
Profile 55, 2-gang/Profile 55 2-gang with centred cable feed:	W 158	H 86	D 53
Profile 55, 3-gang/Profile 55 3-gang with centred cable feed:	W 230	H 86	D 53
Profile 55, 5-gang:	W 372	H 86	D 53
Profile 55 5-gang/			
Profile 55 5-gang 600 mm:	W 587	H 86	D 53
Profile 55, 8-gang:	W 587	H 86	D 53

Dimensions in mm

[Gira Profile 55 with angled mounting bracket/base foot]



Profile 55, 2-gang:	W 158	H 107	D 107
Profile 55, 3-gang:	W 230	H 107	D 107
Profile 55 5-gang/			
Profile 55 5-gang 600 mm:	W 587	H 107	D 107
Profile 55, 8-gang:	W 587	H 107	D 107

Variants



Aluminium,
pure white
lacquered



Aluminium



Vertical and horizontal
→ 212



Horizontal
→ 212



With angled mounting bracket / base foot
→ 213



Accessories
→ 213

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Vertical and horizontal installation

Features

- With rear and side cable and duct entry.
- Both flush-mounted and surface-mounted cable entry is possible.
- Simplified installation due to clippable inserts.

Technical data

Dimensions in mm

- 1-gang:	W 87	H 86	D 53
- 2-gang:	W 158	H 86	D 53
- 3-gang:	W 230	H 86	D 53
- 5-gang:	W 372	H 86	D 53
- 5-gang 600 mm:	W 587	H 86	D 53
- 8-gang:	W 587	H 86	D 53

Notes

- With System 55, rocker switches, buttons, and SCHUKO socket outlets with hinged covers are generally protected against dripping water (IP21) on the wall in conjunction with these housings.
- Key switches and three-stage switches cannot be installed in this housing.

Profile 55 for vertical and horizontal installation



1-gang

Pure white (lacquered)	1361 27	1	17
aluminium	1361 26	1	17

Profile 55 for vertical and horizontal installation



2-gang

Pure white (lacquered)	1362 27	1	17
aluminium	1362 26	1	17

Profile 55 for vertical and horizontal installation



3-gang

Pure white (lacquered)	1363 27	1	17
aluminium	1363 26	1	17

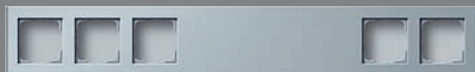
Profile 55 for vertical and horizontal installation



5-gang

Pure white (lacquered)	1364 27	1	17
aluminium	1364 26	1	17

Profile 55 for vertical and horizontal installation



5-gang 600mm

Pure white (lacquered)	1365 27	1	17
aluminium	1365 26	1	17

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Profile 55 for vertical and horizontal installation



8-gang

Pure white (lacquered)	1366 27	1	17
aluminium	1366 26	1	17

Horizontal installation

Features

- With central duct entry.
- Simplified installation due to clippable inserts.

Technical data

Dimensions in mm

- 2-gang:	W 158	H 86	D 53
- 3-gang:	W 230	H 86	D 53

Notes

- With System 55, rocker switches, buttons, and SCHUKO socket outlets with hinged covers are generally protected against dripping water (IP21) on the wall in conjunction with these housings.
- Key switches and three-stage switches cannot be installed in this housing.

Profile 55 for horizontal installation



2-gang

Pure white (lacquered)	1367 27	1	17
aluminium	1367 26	1	17

Profile 55 for horizontal installation



3-gang

Pure white (lacquered)	1368 27	1	17
aluminium	1368 26	1	17

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

With angled mounting bracket / base foot

Features


- Installation profile of aluminium for horizontal and vertical installation.
- With cable and duct entry. Both flush-mounted and surface-mounted cable entries are possible.
- Simplified installation due to clippable inserts.


Technical data

Dimensions in mm	W	H	D
- 2-gang:	W 158	H 107	D 107
- 3-gang:	W 230	H 107	D 107
- 5-gang 600 mm:	W 587	H 107	D 107
- 8-gang:	W 587	H 107	D 107

Notes


- With System 55, rocker switches, buttons, and SCHUKO socket outlets with hinged covers are generally protected against dripping water (IP21) on the wall in conjunction with these housings.
- Key switches and three-stage switches cannot be installed in this housing.
- Using the angled mounting bracket or base feet, the Profile 55 can be installed as a table-top housing, as well as under hanging cabinets or in corners.


Profile 55 with angled mounting bracket 



2-gang


Pure white (lacquered)	1192 27	1	17
aluminium	1192 26	1	17


Profile 55 with angled mounting bracket 



3-gang

Pure white (lacquered)	1193 27	1	17
aluminium	1193 26	1	17

Profile 55 with angled mounting bracket 



5-gang 600mm

Pure white (lacquered)	1195 27	1	17
aluminium	1195 26	1	17

Profile 55 with angled mounting bracket 





8-gang

Pure white (lacquered)	1198 27	1	17
aluminium	1198 26	1	17

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Accessories

End cap with integrated strain relief 



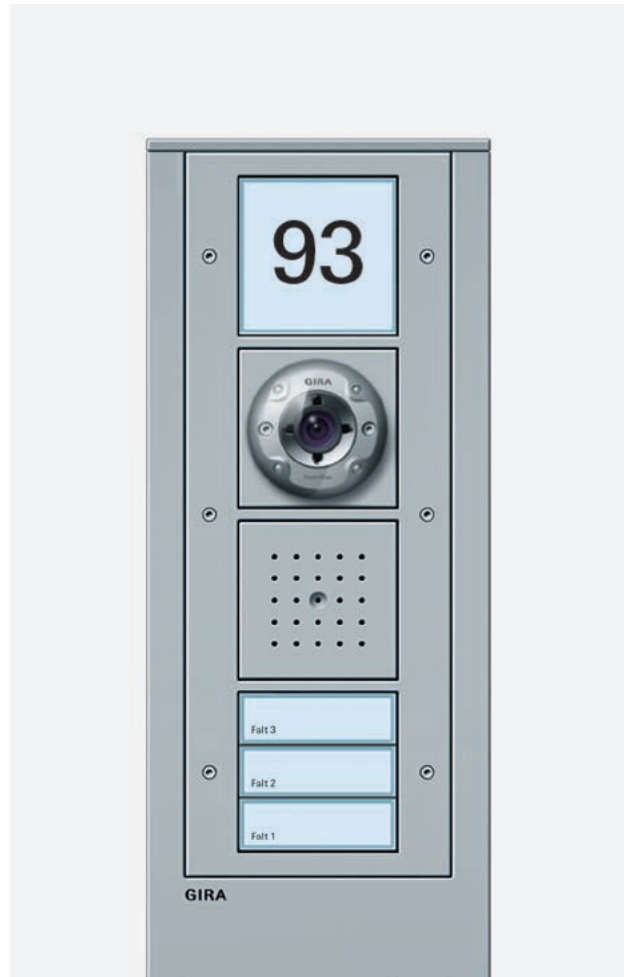
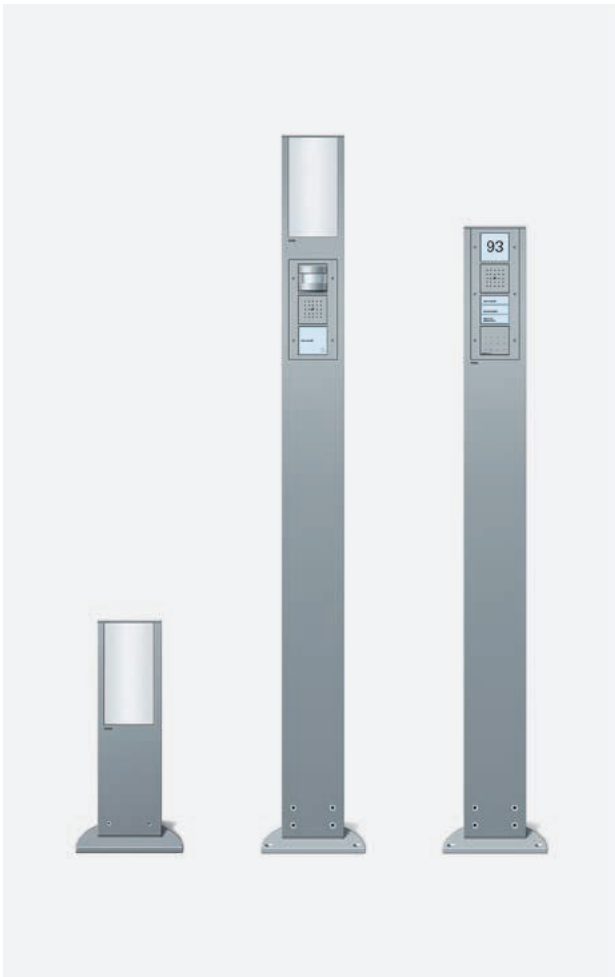
pure white	1358 27	1	17
grey	1358 28	1	17

Awards

iF product design award 2003,
red dot award 2003 best of best [Gira door communication
profile]

Product design

Phoenix Design, Stuttgart



Energy and light for outdoors

The Gira energy profile and light profiles extend the outdoor electrical installation. They can be positioned exactly where light and electrical connections are required – whether on the terrace or in the middle of the garden. This avoids annoying extension cables and simplifies the use of electric tools and leisure devices outdoors. The Gira energy profile and light profiles with empty units can also be equipped with the water-protected Gira TX_44 design line as needed.

Characteristics

- Surface is resistant to weather, UV rays, dirt and scratches.
- The Gira energy profile and light profiles are suitable for light sources with energy efficiency classes A++ to E.
- Gira energy profile 1400 mm and 1600 mm suitable for use as door intercom system and access control in the entrance area.
- Many functions of the System 55 platform can be integrated into the Gira energy profile by means of an adapter.

Technical data

Platform:	TX_44
Material:	Powder-coated aluminium (anthracite in acc. with GSB standard); thermoplastic (ASA)
Protection type:	IP44

Dimensions in mm

Energy profile:	W 142	H 491	D 75
	W 142	H 1400	D 75
	W 142	H 1600	D 75
Gira energy profile with light element:	W 142	H 769	D 75
	W 142	H 769	D 75
Light profiles:	W 142	H 491	D 75
	W 142	H 769	D 75
Base:	W 299	H 10	D 155

Variants



Colour
aluminium

Anthracite



Energy profile
light profiles
→ 218



Accessories
→ 220

Specifications Order No. P. unit PS

Gira energy profile and light profiles

Gira energy profile and light profiles with or without light elements for outdoor use. The profiles are made of powder-coated aluminium. For profiles of up to 1400 mm, the base elements are also made of powder-coated aluminium. For profiles of 1400 mm or more, the base elements are made of powder-coated steel. In each case, in the colour anthracite in accordance with the GSB standard. The surface is resistant to weather, UV, soiling, and scratching.

Notes

- For profile heights **up to** 1400 mm, an optional ground anchor can be used to facilitate mounting on a stone or concrete base.
- For profile heights of **more than** 1400 mm, mounting on stone or concrete is only possible using 3 heavy-duty wall anchor.
- Recommendation: Mount an RCCB prior to the device.

Gira Energy profile with 4 empty units height 1400 mm



Not outfitted

anthracite	1354 28	1	17
colour aluminium	1354 26	1	17

Features

- Freely configurable Gira energy profile with 4 empty units.
- The four empty units can be individually equipped with device inserts from the Gira TX_44 or System 55 design lines by customers.

Technical data

Protection type (device cover closed):	IP44		
Dimensions in mm			
- Base:	W 229	H 10	D 155
- Profile:	W 142	H 1400	D 75

Notes

- Mounting with three heavy-duty dowels.
- Any required electrical isolation of mains and low voltage can be implemented with the included accessories.

Scope of supply

- A cover frame Gira TX_44, 4-gang is included in the scope of supply.
- The mounting materials are included in the scope of supply.

More information

Technical information → ⓘ 611

Specifications Order No. P. unit PS

Gira Energy profile with 4 empty units height 1600 mm



Not outfitted

anthracite	1356 28	1	17
colour aluminium	1356 26	1	17

Features

- Freely configurable Gira energy profile with 4 empty units.
- The four empty units can be individually equipped with device inserts from the Gira TX_44 or System 55 design lines by customers.

Technical data

Protection type (device cover closed):	IP44		
Dimensions in mm			
- Base:	W 229	H 10	D 155
- Profile:	W 142	H 1600	D 75

Notes

- Mounting with three heavy-duty dowels.
- Any required electrical isolation of mains and low voltage can be implemented with the included accessories.

Scope of supply

- A cover frame Gira TX_44, 4-gang is included in the scope of supply.
- The mounting materials are included in the scope of supply.

More information

Technical information → ⓘ 611

Specifications Order No. P. unit PS



Not outfitted				
anthracite	1353 28	1		17
colour aluminium	1353 26	1		17

+ Optional accessories
Slat 1346 .. → 220

- Features**
- Freely configurable Gira energy profile with 3 empty units and light element.
 - The light element consists of an aluminium reflector and an impact-resistant acrylic glass plate.
 - Light is also emitted from the rear as orientation light.
 - The three empty units can be individually outfitted with device inserts from the TX_44 or System 55 ranges by customers.

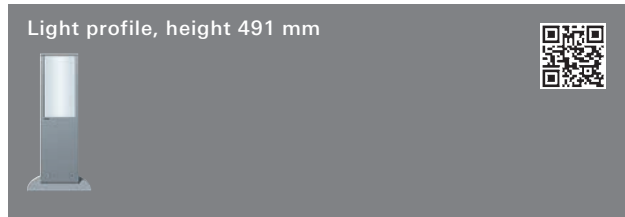
Technical data

Protection type (device cover closed):	IP44			
Dimensions in mm				
- Base:	W 229	H 10	D 155	
- Profile:	W 142	H 1600	D 75	

- Notes**
- Mounting with three heavy-duty dowels.
 - Light sources with E27 treading of the energy efficiency classes A++ to E can be used.
 - Any required electrical isolation of mains and low voltage can be implemented with the included accessories.

- Scope of supply**
- A 3-gang TX_44 frame is included in the scope of supply.
 - The mounting materials are included in the scope of supply.
 - Light sources are **not** included in the scope of supply.

More information
Technical information → ⓘ 611



anthracite	1344 28	1		17
colour aluminium	1344 26	1		17

+ Optional accessories
Ground anchor 1340 00 → 220
Slat 1346 .. → 220

Specifications Order No. P. unit PS

- Features**
- The light element consists of an aluminium reflector and an impact-resistant acrylic glass plate.
 - Light is also emitted from the rear as orientation light.
 - The connection is made using a 5-pole screw terminal for rigid and flexible conductors up to 4 mm².

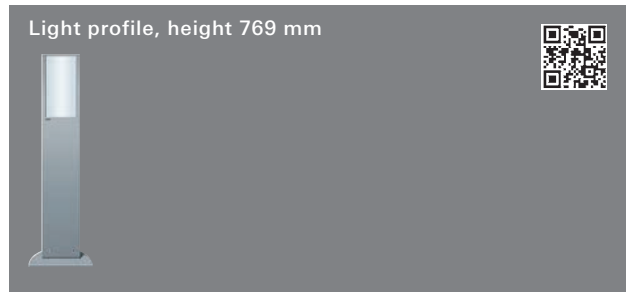
Technical data

Protection type:	IP44		
Dimensions in mm			
- Base:	W 229	H 10	D 155
- Profile:	W 142	H 491	D 75

- Notes**
- Single-wall plug mounting.
 - Light sources with E27 treading of the energy efficiency classes A++ to E can be used.

- Scope of supply**
- The mounting materials are included in the scope of supply.
 - Light sources are **not** included in the scope of supply.

More information
Technical information → ⓘ 611



anthracite	1343 28	1		17
colour aluminium	1343 26	1		17

+ Optional accessories
Ground anchor 1340 00 → 220
Slat 1346 .. → 220

- Features**
- The light element consists of an aluminium reflector and an impact-resistant acrylic glass plate.
 - Light is also emitted from the rear as orientation light.
 - The connection is made using a 5-pole screw terminal for rigid and flexible conductors up to 4 mm².

Technical data

Protection type:	IP44		
Dimensions in mm			
- Base:	W 229	H 10	D 155
- Profile:	W 142	H 769	D 75

- Notes**
- Single-wall plug mounting.
 - Light sources with E27 treading of the energy efficiency classes A++ to E can be used.

- Scope of supply**
- The mounting materials are included in the scope of supply.
 - Light sources are **not** included in the scope of supply.

More information
Technical information → ⓘ 611

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Accessories



	1340 00	1	17
--	----------------	---	----

+ Necessary accessories

En.prof. light el. 3x empty u. 769 mm 1349 ..			
Light prof. 491 mm 1344 ..	→		219
Light prof. 769 mm 1343 ..	→		219

Features

- Ground anchor made of hot-galvanised steel sheeting for anchoring a Gira energy profile.
- The ground anchor allows mounting of the Gira energy profiles on soft ground, without having to create a foundation.
- The ground anchor is cemented into the soil.
- The corresponding profile foot is then attached to the ground anchor.



anthracite	1346 28	1	17
colour aluminium	1346 26	1	17

+ Necessary accessories

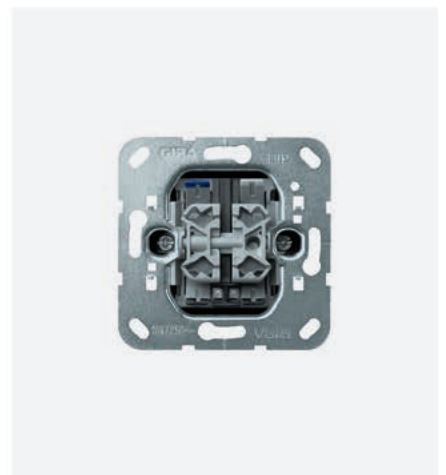
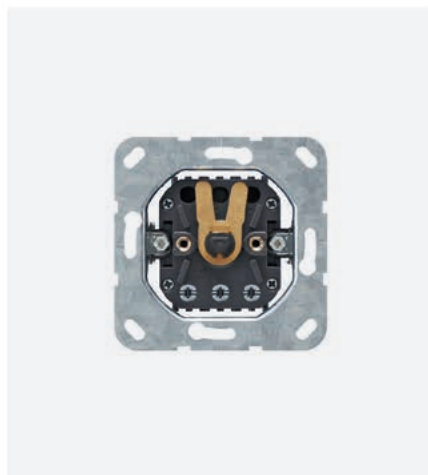
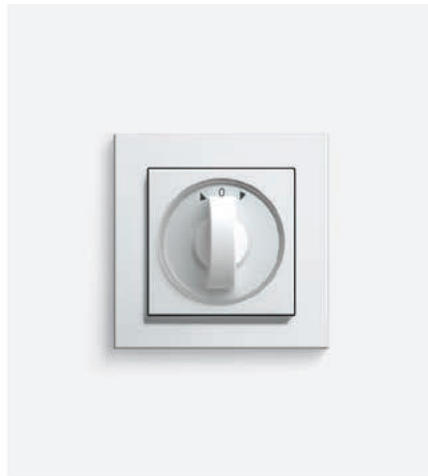
En.prof. light el. 3x empty u. 769 mm 1349 ..			
En.prof. light 3x empty u. 1600 mm 1353 ..	→		219
Light prof. 491 mm 1344 ..	→		219
Light prof. 769 mm 1343 ..	→		219

Features

- Aluminium slat with transparent plate.
- The light element of the Gira energy profile can be changed individually using the slat.
- The slat is simply replaced by a standard diffusing plate.
- As the slat can be inserted in either direction, the light can be directed toward an object or a path.

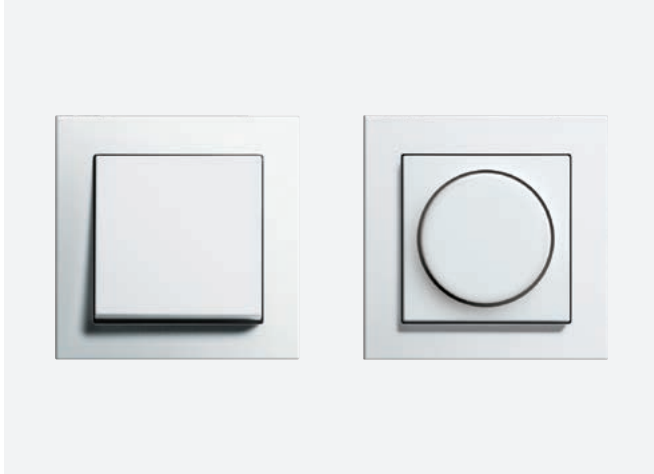
Flush-mounted inserts, accessories

Rocker switches	224
Rocker Button	225
Other switches and buttons	226
Lighting elements	229
Light Signal and Accessories	230
Inscription sheets/inscription software	231
Accessories	232



For all Gira design lines

The Gira range offers flush-mounted inserts and other accessories for switching and dimming. Rocker switch and rocker button inserts are supplied without rockers. This is due to the modular principle and also applies to timers and key switches. The covers and top units must be ordered separately.



Versatile manual control

Gira offers a wide range of flush-mounted inserts. Besides inserts for manual lighting control like rocker and pushbutton switches, the range includes blind controller inserts, timers, pull-cord buttons, key buttons and lighting elements for various switches and buttons. All flush-mounted inserts come without top unit. Covers and top units can then be ordered separately from the desired Gira design line.



Inserts for visual orientation

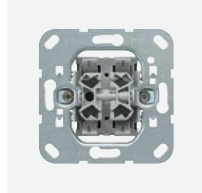
Gira offers rocker switches and buttons with large, raised symbols for people with impaired eye sight.



Rocker switches
→ 224



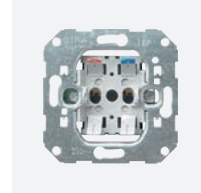
Rocker Button
→ 225



Other switches and
buttons
→ 226



Lighting
elements
→ 229



Light Signal and
Accessories
→ 230



Inscription sheets
→ 231



Accessories
→ 232

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Rocker switches

Rocker switch insert 10 AX 250 V~



Universal off/2-way switch	0106 00	10/100	21
Intermediate switch	0107 00	10/100	01
Circuit breaker, 2-pole	0102 00	10/100	01

+ Necessary accessories

Rockers can be find in the following design lines starting from

Rocker 0296 ..			
- System 55		→	53
- E22 aluminium		→	160

+ Optional accessories

Neon lamp elements

Neon lamp element 0.35 mA 0995 00		→	229
Neon lamp element 0.8 mA 0996 00		→	229
Neon lamp element 1.5 mA 0997 00		→	229

LED lighting elements

LED light.e. 2.6 mA YE 0497 07		→	229
LED light.e. 0.8 mA BU 0497 08		→	229
LED light.e. 2.6 mA RD 0497 10		→	229
LED light.e. 0.7 mA WH 0497 18		→	229
LED light.e. 24 V RD 0992 00		→	229
LED light.e. 24 V colour-neutral 1405 00		→	229

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

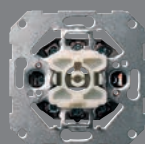
Notes

- Can also be connected with illumination.

More information

Technical information → [i 630](#)

Rocker switch insert 16 A 400 V~



Circuit breaker 3-pole	0103 00	1	01
------------------------	---------	---	----

+ Necessary accessories

Rockers can be find in the following design lines starting from

Rocker 0296 ..			
- System 55		→	53
- E22 aluminium		→	160

Features

- With screw terminals.

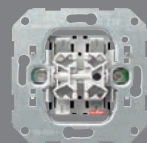
Technical data

Installation depth:	32 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

More information

Technical information → [i 630](#)

Rocker switch insert 10 AX 250 V~



Series switch	0105 00	10/100	01
2-way switch, 2-gang	0108 00	10/100	01

+ Necessary accessories

One of the following articles:

Rocker 2-g 0295 ..			
- System 55		→	56
- E22 aluminium		→	161
Rocker 2-g + seal IP44 0266 ..		→	56

Technical data

Installation depth	
- 0105 00:	28 mm
- 0108 00:	32 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

More information

Technical information → [i 630](#)

Rocker indicator switch insert 10 AX 250 V~ with neon lamp element 230 V



Universal off/2-way switch	0116 00	10/100	01
Circuit breaker, 2-pole	0112 00	10/100	01

+ Necessary accessories

Rockers can be find in the following design lines starting from

Rocker ctrl.win. 0290 ..			
- System 55		→	57
- E22 aluminium		→	161

+ Optional accessories

Neon lamp elements

Neon lamp element 0.35 mA 0995 00		→	229
Neon lamp element 0.8 mA 0996 00		→	229
Neon lamp element 1.5 mA 0997 00		→	229

LED lighting elements

LED light.e. 2.6 mA YE 0497 07		→	229
LED light.e. 0.8 mA BU 0497 08		→	229
LED light.e. 2.6 mA RD 0497 10		→	229
LED light.e. 0.7 mA WH 0497 18		→	229
LED light.e. 24 V RD 0992 00		→	229
LED light.e. 24 V colour-neutral 1405 00		→	229

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

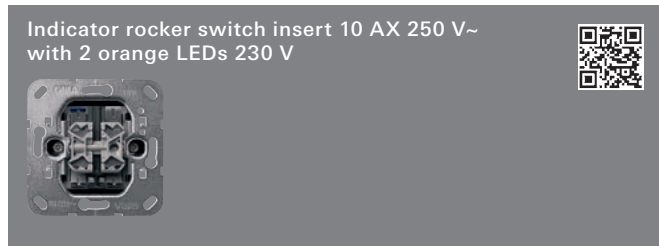
Notes

- Can also be connected with illumination.

More information

Technical information → [i 630](#)

Specifications Order No. P. unit PS



Series switch **0145 00** 10/100 01

+ Necessary accessories

Rocker 2-g ctrl.win. **0631 ..** → 56

Technical data

Installation depth: 32 mm
 Connections
 - maximum: 2 x 2.5 mm²
 - minimum: 2 x 1.5 mm²

More information

Technical information → ⓘ 630

Specifications Order No. P. unit PS

Rocker Button



NO contact, 1-pole	0151 00	10/100	21
2-way momentary-contact, 1-pole	0156 00	10/100	01
1-pole NO contact with N terminal	0150 00	10/100	01
NO contact, 1-pole with sep. signal contact	0152 00	10/100	01

+ Necessary accessories

Rockers can be find in the following design lines starting from Rocker 0296 ..

- System 55 → 53
- E22 aluminium → 160

+ Optional accessories

Neon lamp elements

- Neon lamp element 0.35 mA **0995 00** → 229
- Neon lamp element 0.8 mA **0996 00** → 229
- Neon lamp element 1.5 mA **0997 00** → 229

LED lighting elements

- LED light.e. 2.6 mA YE **0497 07** → 229
- LED light.e. 0.8 mA BU **0497 08** → 229
- LED light.e. 2.6 mA RD **0497 10** → 229
- LED light.e. 0.7 mA WH **0497 18** → 229
- LED light.e. 24 V RD **0992 00** → 229
- LED light.e. 24 V colour-neutral **1405 00** → 229

NO contact, 1-pole with sep. signal contact esp. for WL uni.transm. 2-g Mini 5453 00 → 552

NO contact, 1-pole for

- S3000 uni.LED dim. Mini **2440 00** → 255

Dimmers

- S3000 uni.LED rot.dim. ins. Komfort **2455 00** → 251

Dimmers

- S3000 uni.LED rot.dim. ins. Standard **2450 00** → 250

Dimmers

- S3000 rot.aux. ins. 3-wire **2389 00** → 258
- S3000 uni.LED dim. DRA **2365 00** → 256
- S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
- S3000 uni.LED dimm. ins. Komfort **5401 00** → 253

Switches and push buttons

- S3000 electr.swit. ins. **5405 00** → 249
- S3000 relay swit. ins. **5403 00** → 248
- Staircase light timer DRA **0821 00** → 250

Technical data

Installation depth: 32 mm
 Connections
 - maximum: 2 x 2.5 mm²
 - minimum: 2 x 1.5 mm²

Notes

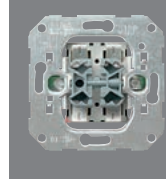
- Can also be connected with illumination.

More information

Technical information → ⓘ 630

Specifications	Order No.	P. unit	PS
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Rocker button insert 10 AX 250 V~



2-way momentary-contact, 2-gang	0155 00	10/100	01
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+ Necessary accessories

One of the following articles:

Rocker 2-g 0295 ..			
- System 55	→	56	
- E22 aluminium	→	161	
Rocker 2-g + seal IP44 0266 ..	→	56	

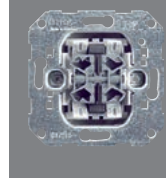
Technical data

Installation depth:	32 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

More information

Technical information	→	i 630
-----------------------	---	-------

Rocker button insert, 4-gang 10 AX 250 V~



NO contact, 1-pole 4-gang	0147 00	10/100	01
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+ Necessary accessories

One of the following articles:

Rocker 2-g 0295 ..			
- System 55	→	56	
- E22 aluminium	→	161	
Rocker 2-g + seal IP44 0266 ..	→	56	
Rocker 2-g arrow symbols 1150 ..	→	56	

+ Optional accessories

Uni.btn I/F 2-g 1118 00	→	537	
Uni.btn I/F 4-g 1119 00	→	537	

Technical data

Installation depth:	32 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- For deep flush-mounted wall boxes.

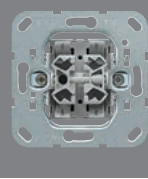
More information

Technical information	→	i 630
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Specifications	Order No.	P. unit	PS
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Other switches and buttons

Rocker switch and button insert 10 AX 250 V~



2-way sw./2-way m-c	0139 00	1/5	01
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+ Necessary accessories

One of the following articles:

Rocker 2-g 0295 ..			
- System 55	→	56	
- E22 aluminium	→	161	
Rocker 2-g + seal IP44 0266 ..	→	56	

+ Optional accessories

LED light RGB 1169 00	→	76	
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Features

- Rocker switch and button in which the left rocker is laid out as a switch and the right rocker is laid out as a push button.
- For switching and colour control of an LED orientation light.
- For controlling motion detectors manually.
- For controlling dimmer auxiliary units.
- For controlling switched lighting.

Technical data

Installation depth:	32 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

More information

Technical information	→	i 630
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Pull-cord switch insert 10 AX 250 V~



Universal off/2-way switch	0146 00	1/5	01
Circuit breaker, 2-pole	0142 00	1/5	01

+ Necessary accessories

Cov.ctrl.win.large pull-cord sw./btn 0638 ..	→	58	
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+ Optional accessories

Neon lamp elements			
Neon lamp element 0.35 mA 0995 00	→	229	
Neon lamp element 0.8 mA 0996 00	→	229	
Neon lamp element 1.5 mA 0997 00	→	229	
LED lighting elements			
LED light.e. 2.6 mA YE 0497 07	→	229	
LED light.e. 0.8 mA BU 0497 08	→	229	
LED light.e. 2.6 mA RD 0497 10	→	229	
LED light.e. 0.7 mA WH 0497 18	→	229	
LED light.e. 24 V RD 0992 00	→	229	
LED light.e. 24 V colour-neutral 1405 00	→	229	

Technical data

Installation depth:	30 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

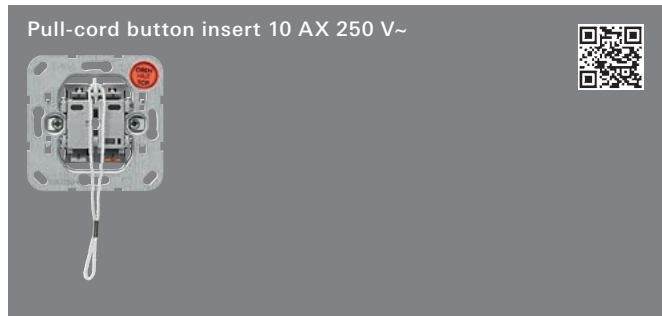
Specifications	Order No.	P. unit	PS
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Notes

- Can also be connected with illumination.

More information

Technical information → ⓘ 630



NO contact, 1-pole with sep. signal contact	0165 00	1/5	01
---	----------------	-----	----

+ Necessary accessories

Cov.ctrl.win.large pull-cord sw./btn **0638 ..** → 58

+ Optional accessories

See listing at
Pull-cord sw. off/2-way **0146 00** → 226

Technical data

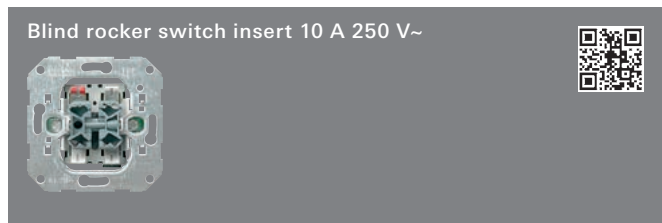
Installation depth:	30 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- Can also be connected with illumination.

More information

Technical information → ⓘ 631



0159 00	10/100	01
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+ Necessary accessories

Rocker 2-g arrow sym. **0294 ..**
 - System 55 → 75
 - E22 aluminium → 172

+ Optional accessories

Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

Features

- With block to prevent both sides from being switched on.
- Locked both electrically and mechanically.

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

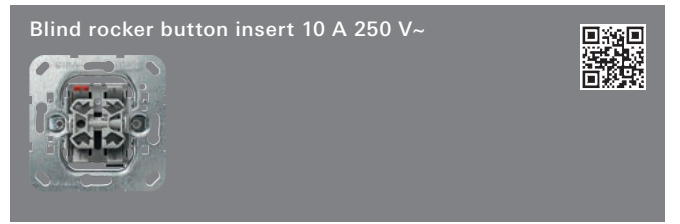
Notes

- Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.

More information

Technical information → ⓘ 631

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----



0158 00	10/100	01
----------------	--------	----

+ Necessary accessories

Rocker 2-g arrow sym. **0294 ..**
 - System 55 → 75
 - E22 aluminium → 172

+ Optional accessories

Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

Features

- With block to prevent both sides from being switched on.
- Locked both electrically and mechanically.

Technical data

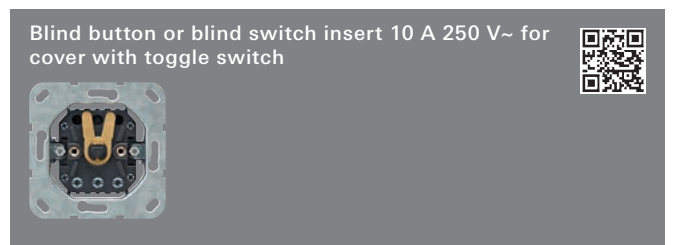
Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.

More information

Technical information → ⓘ 631



Group button or switch			
1-pole	0154 00	1/5	01
Group button or switch, 2-pole	0157 00	1/5	01

+ Necessary accessories

Cov. toggle sw. time sw. + blind sw./btn **0666 ..**
 - System 55 → 75
 - E22 aluminium → 172

+ Optional accessories

Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

Technical data

Installation depth:	31 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

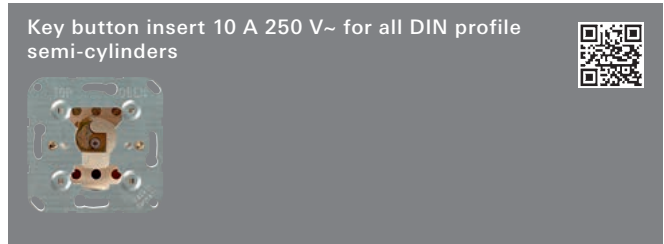
Notes

- Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.
- Button function upon rotation of the toggle switch. After removing the brass locking mechanism, button function upon slight rotation of the knob. When fully rotating the knob, the switch engages.

More information

Technical information → ⓘ 631

Specifications Order No. P. unit PS



Button, 1-pole (also group button) **0163 00** 1/5 02

+ Necessary accessories

Cov. key sw./btn **0664 ..**
 - System 55 → 75
 - E22 aluminium → 172

+ Optional accessories

Profile semi-cylinder
 Profile semi-cyl. diff.lock **0001 00** → 233
 Profile semi-cyl. id.lock **0002 00** → 233
 Profile semi-cyl. VdS class B **0003 00** → 233
Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

Technical data

Installation depth: 40 mm
 Connections
 - maximum: 2 x 2.5 mm²
 - minimum: 2 x 1.5 mm²

Notes

- Not suitable for installation in surface-mounted housings.
- Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.
- For screw mounting only.

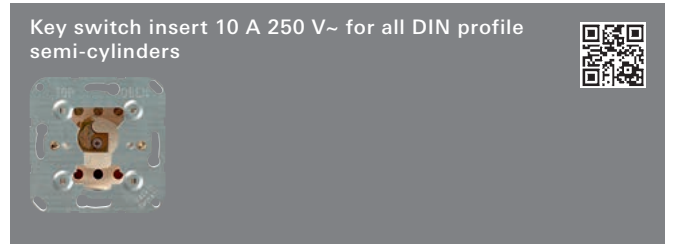
Scope of supply

- The cylinder lock is **not** included in the scope of supply.

More information

Technical information → [i 631](#)

Specifications Order No. P. unit PS



Switch, 2-pole (also group switch) **0144 00** 1/25 02

+ Necessary accessories

Cov. key sw./btn **0664 ..**
 - System 55 → 75
 - E22 aluminium → 172

+ Optional accessories

Profile semi-cyl. diff.lock **0001 00** → 233
 Profile semi-cyl. id.lock **0002 00** → 233
 Profile semi-cyl. VdS class B **0003 00** → 233
Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

Technical data

Installation depth: 40 mm
 Connections
 - maximum: 2 x 2.5 mm²
 - minimum: 2 x 1.5 mm²

Notes

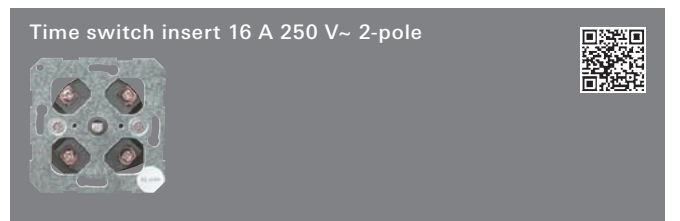
- Not suitable for installation in surface-mounted housings.
- Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.
- For screw mounting only.

Scope of supply

- The cylinder lock is **not** included in the scope of supply.

More information

Technical information → [i 631](#)



15 minutes **0320 00** 1/5 02
 120 minutes **0321 00** 1/5 02

+ Necessary accessories

One of the following articles:
 Cov. toggle sw. time sw. 15 min **0640 ..** → 171
 Cov. toggle sw. time sw. 120 min **0642 ..** → 171

Cover plate with symbol plates

Cov. toggle sw. time sw. + blind sw./btn **0666 ..** → 73

Technical data

Installation depth: 33 mm.

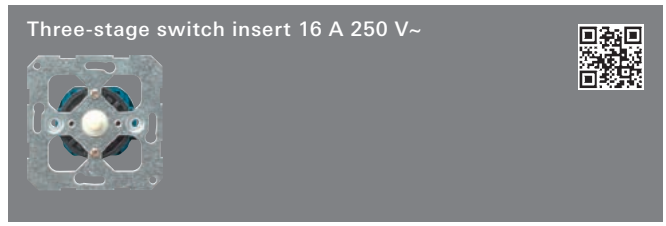
Notes

- For screw mounting only.

More information

Technical information → [i 631](#)

Specifications Order No. P. unit PS



Zero setting **0149 00** 1/100 02

+ Necessary accessories

- Cov. toggle sw. 3-stage 0/1/2/3 **0669 ..**
- System 55 → 58
- E22 aluminium → 162

Features

- E.g. for fans.

Technical data

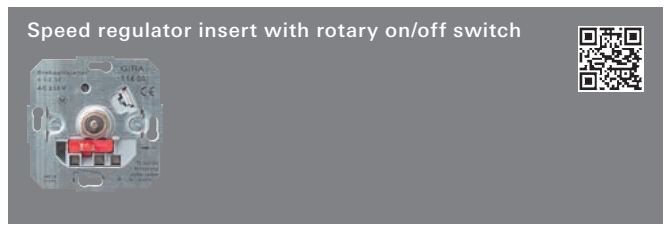
Installation depth: 39 mm

Notes

- Not suitable for installation in surface-mounted housings.
- For screw mounting only.

More information

Technical information → [i 631](#)



0,1 –2.7 A **0314 00** 1/5 02

+ Necessary accessories

- Cov. knob speed regul. **0652 ..** → 62

+ Optional accessories

Fuse T 3.15 H 250 V **049735** → 233

Features

- Speed regulator for speed control of single-phase motors such as induction motors, shaded-pole motors, and universal motors.
- Excess-temperature protection, manual restarting after cool-down.
- Switching output for slat control or for switching ohmic loads.
- With spring plug terminals.

Technical data

Rated voltage: AC 230/240 V, 50/60 Hz
 Rated current: 0.1 to 2.7 A
 Motor current and slat current: max. 2.7 A
 Installation depth: 33 mm.
 Connections
 - maximum: 2.5 mm²
 - minimum: 1.0 mm²
 Ambient temperature: +5 °C to +25 °C

Scope of supply

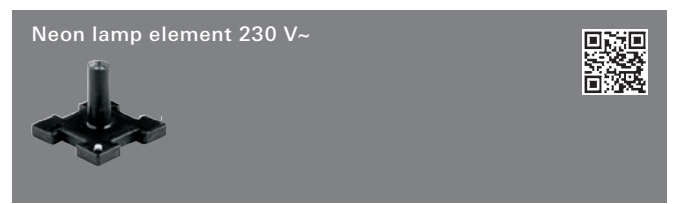
- Fuse is included in the scope of supply.

More information

Technical information → [i 631](#)

Specifications Order No. P. unit PS

Lighting elements



0.35 mA **0995 00** 10/50 01
 0.8 mA **0996 00** 10/50 01
 1.5 mA **0997 00** 10/50 01

+ Optional accessories

Pushbutton indicator switch

- PB ind.sw. off/2-way **0136 ..**
- System 55 → 50
- E22 aluminium → 158

Button

Btn 2-way m-c upright ctrl.win. **0120 ..** → 159

Rocker switch inserts

- Rocker sw. off/2-way **0106 00** → 224
- Rocker sw. interm.sw. **0107 00** → 224
- Rocker sw. CB 2-p **0102 00** → 224
- Rock.ind.sw. off/2-way **0116 00** → 224
- Rock.ind.sw. CB 2-p **0112 00** → 224

Rocker button inserts

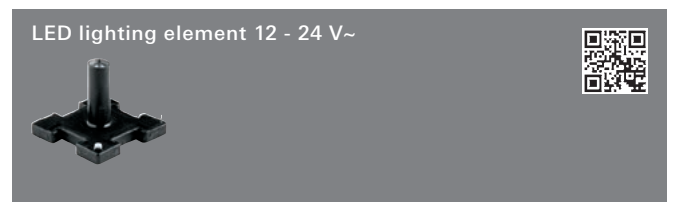
- Rocker btn NO con. **0151 00** → 225
- Rocker btn 2-way m-c **0156 00** → 225
- Rocker btn NO con. + N term. **0150 00** → 225
- Rocker btn NO con. s.sig. **0152 00** → 225

Pull-cord switch and pull-cord button inserts

- Pull-cord sw. off/2-way **0146 00** → 226
- Pull-cord btn NO cont. s.sig. **0165 00** → 227

Watertight surface-mounted IP66

- Rocker sw. off/2-way in.sp. **0106 31** → 205
- Rocker sw. interm.sw. in.sp. **0107 31** → 205
- Rocker sw. CB 2-p in.sp. **0102 31** → 205
- Rock.ind.sw. off/2-way in.sp. **0116 31** → 205
- Rock.ind.sw. CB 2-p in.sp. **0112 31** → 205
- Rocker btn 2-way m-c in.sp. **0156 31** → 205
- Rocker btn NO con. s.sig. in.sp. **0152 31** → 205

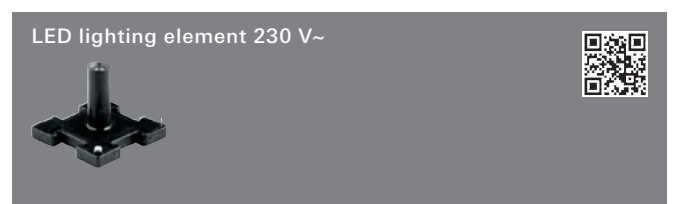


red, 20 mA **0992 00** 10 01
 Colour-neutral, 20 mA **1405 00** 10/50 01

+ Optional accessories

See listing at

Neon lamp element 0.35 mA **0995 00** → 229



yellow, 2,6 mA **0497 07** 10/50 01
 blue, 0,8 mA **0497 08** 10/50 01
 red, 2,6 mA **0497 10** 10/50 01
 White, 0,7 mA **0497 18** 10/50 01

+ Optional accessories

See listing at

Neon lamp element 0.35 mA **0995 00** → 229

Specifications	Order No.	P. unit	PS
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Light Signal and Accessories



0161 00	1/5	01
---------	-----	----

+ Necessary accessories

One of the following articles:

Light signal cover plates

Cov. light sig. **0660 ..** → 76

One of the following articles:

Lighting elements

Light.e. neon lamp E10 1.4 mA **0993 00** → 230

Light.e. neon lamp 2 mA **0999 00** → 230

Light.e. light bulb E14 13 mA **0994 00** → 230

Light.e. light bulb 12 V 240 mA **0932 00** → 230

Light.e. light bulb 24 V 125 mA **0933 00** → 230

Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- Can be illuminated with lighting elements for light signal.



Neon lamp 230 V~ (similar to E 10) 1.4 mA	0993 00	10	01
2.0 mA	0999 00	10	01
Light bulb 230V (similar to E 14) 13 mA	0994 00	10	01
Light bulb 12V 250 mA	0932 00	1	01
Light bulb 24V 125 mA	0933 00	10	01

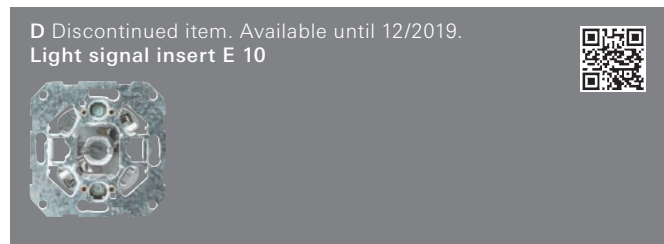
+ Optional accessories

Light sig. **0161 00** → 230

Notes

- Suitable for light signal insert, water-protected surface-mounted light signal and surface-mounted light signal

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----



D	0160 00	1/5	01
D Discontinued item. Available until 12/2019.			

+ Necessary accessories

One of the following articles:

Light signal cover plates

Cov. light sig. **0660 ..** → 76

as well as

Lighting element

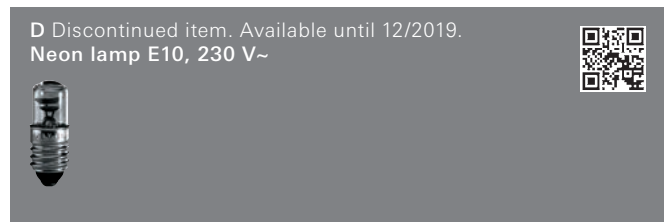
Neon lamp E10 **049705** → 230

Technical data

Installation depth:	32 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- Can be illuminated with neon-glow lamp E10.



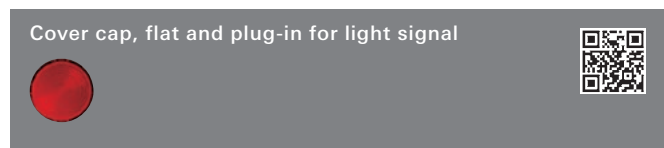
D 2.0 mA current consumption (EBT)	049705	10/50	01
D Discontinued item. Available until 12/2019.			

+ Optional accessories

Light sig. E10 **0160 00** → 230

Notes

- Suitable for light signal insert E10.



System 55, Gira E22



red	0803 20	5/25	11
green	0801 20	5/25	11
yellow	0804 20	5/25	11
clear	0806 20	5/25	11
clear as an information field	0807 20	5/25	11





+ Necessary accessories

Cov. light sig. **0660 ..** → 76

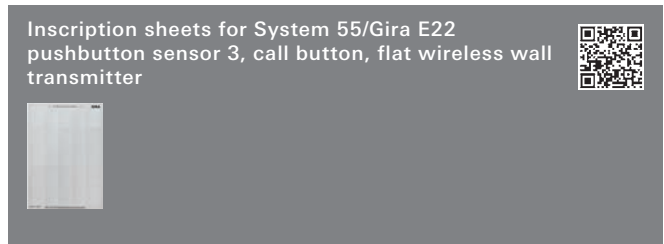
Notes

- Not suitable if the following light bulb elements are used **0932 00**, **0933 00** und **0994 00**.

Specifications	Order No.	P. unit	PS
 <p>Cover cap with bayonet lock for light signal</p> 	red	0803 01	5 01
	green	0801 01	1 01
	yellow	0804 01	1 01
	clear	0806 01	1 01
	<p>+ Necessary accessories One of the following articles: Cov. bayonet light sig. 0659 .. → 76</p>		

Specifications	Order No.	P. unit	PS	
<p>Inscription sheets/inscription software</p>				
<p>Inscription sheets</p>  	<p>60.7 x 11.8 mm 60 labelling fields 1450 00 1 09</p>			
	<p>62.1 x 12 mm 60 labelling fields 1451 00 1 09</p>			
	<p>54.5 x 7 mm 108 labelling fields 1453 00 1 09</p>			
	<p>67.5 x 6.9 mm 72 labelling fields 1454 00 1 09</p>			
	<p>51.2 x 7 mm 108 labelling fields 1455 00 1 09</p>			
	<p>46.9 x 36.9 mm 28 labelling fields 1456 00 1 09</p>			
	<p>62.8 x 6.8 mm 108 labelling fields 1457 00 1 09</p>			
	<p>62 x 62 mm 12 labelling fields 1458 00 1 09</p>			
	<p>62 x 18 mm 42 labelling fields 1459 00 1 09</p>			
	<p>Features - Pre-perforated inscription sheets of PET foil in DIN A4 format for the Gira inscription software.</p>			
	<p>Notes - Inscription sheets can only be printed with a laser printer.</p>			
	<p>Inscription sheets for cover frame Gira E2 completely inscribable</p>  	<p>Type 1 10 x 6 labelling fields 1411 00 1 01</p>		
		<p>Type 2 10 x 2/2 labelling fields 1412 00 1 01</p>		
		<p>Type 3 20 x 2 labelling fields 1413 00 1 01</p>		
<p>+ Necessary accessories Cov.fr. 1-g c-inscr. 0711 22 → 107 Cov.fr. 2-g c-inscr. 0712 22 → 107 Cov.fr.3-g c-inscr. 0713 22 → 107</p>				
<p>Notes - Can be printed using most commercially available laser and ink-jet printers.</p>				

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----



Inscription sheets for System 55/Gira E22 pushbutton sensor 3, call button, flat wireless wall transmitter
3 x 25 labelling fields
38 x 54 mm

1090 00	1	06
---------	---	----

Pushbutton sensor 3 Plus
2 x 35 labelling fields
38 x 36 mm

1089 00	1	06
---------	---	----

+ Necessary accessories

For 1090 00, one of the following articles:

Pushbutton sensor 2 zero-voltage
PB sens.2 1-g 24 V zero-volt. in.sp. **2001 ..** → 60
PB sens.2 3-g 24 V zero-volt. in.sp. **2003 ..** → 60

Rocker sets

Rocker set 1-g in.sp. **2131 ..** → 437
Rocker set 2-g in.sp. **2132 ..** → 438
Rocker set 3-g in.sp. **2133 ..** → 438
Rocker set 4-g (1+3) in.sp. **2134 ..** → 438
Rocker set 6-g (3+3) in.sp. **2136 ..** → 438
Rocker set 5-g Plus (2+3) in.sp. **2145 ..** → 439

KNX RF pushbutton sensors

RF PB sens. 1-g **5101 00** → 457
RF PB sens. 3-g **5103 00** → 457

eNet wall transmitter

Gira eNet WL wall transm. 1-g in.sp. **5331 ..** → 551
Gira eNet WL wall transm. 3-g in.sp. **5333 ..** → 552

For 1089 00 one of the following articles:

Rocker sets

Rocker set 2-g Plus in.sp. **2142 ..** → 439
Rocker set 5-g Plus (2+3) in.sp. **2145 ..** → 439

Pushbutton sensor 3 Plus

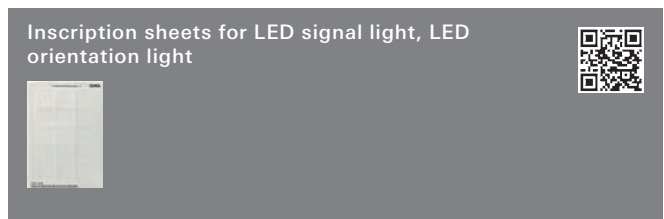
KNX PB sens.3 Plus 2-g **5142 00** → 436

Features

- Pre-perforated inscription sheets of PET foil in DIN A4 format for the Gira inscription software.

Notes

- Inscription sheets can only be printed with a laser printer.



51 x 51 mm 15 labelling fields
transparent **2870 00** 1 09
pure white **2870 02** 1 09

+ Necessary accessories

One of the following articles:

LED orientat.light white **2361 00** → 316
LED light RGB **1169 00** → 316
LED sig.light RD / GN **1171 00** → 317

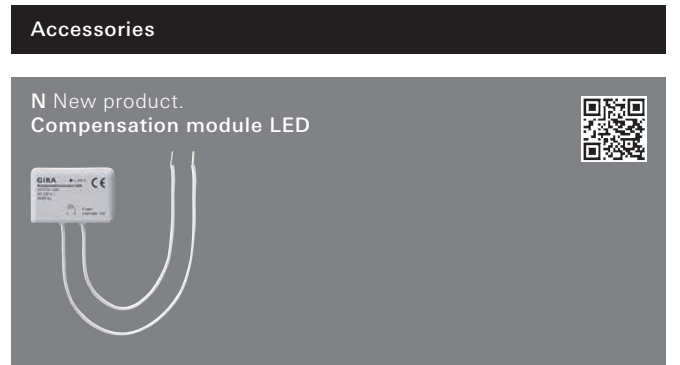
Features

- Pre-perforated inscription sheets of PET foil in DIN A4 format for the Gira inscription software.

Notes

- Inscription sheets can only be printed with a laser printer.

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----



Accessories
N New product.
Compensation module LED

2375 00	1	02
---------	---	----

+ Optional accessories

S3000 uni.LED rot.dim. ins. Komfort **2455 00** → 251
S3000 uni.LED rot.dim. ins. Standard **2450 00** → 250
Optimising dimming behaviour as necessary
S2000 uni.LED dimm. ins. (PB dim.) **2385 00** → 281

Features



- Enables dimmable HV LED lamps to be operated together with Gira Tronic dimmers or Gira universal dimmers.
- Prevents HV LED lamps in leading edge Gira Tronic and Gira universal dimmers, and in switches with a lighting element of up to 3 mA, from glowing when switched off.
- Improves the dimming behaviour of HV LED lamps in trailing edge Gira Tronic and Gira universal dimmers.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Power loss:	max. 2 W
Housing temperature:	max. +65 °C (tc)
Cable length:	approx. 15 cm
Dimensions in mm	W 43 H 11,5 D 28,5



Notes

- Can also be used for any **0305 00** or **2390 00** dimmers already present in the building.

Specifications	Order No.	P. unit	PS
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Fuse</p> </div> <div style="text-align: center;">  </div> </div>			
F 500 H 250 V	049722	10	01
T 800 H 250 V	1149 804	1	
T 1.6 H 250 V	049727	10	01
T 2.5 H 250 V	049732	10	01
T 2 H 250 V	049806	10	01
T 3,15 H 250 V	049735	10	01

+ Optional accessories

F 500 H 250 V			
Potentiom. ctrl.input 1 - 10 V swit.fct	0309 00	→	284
Potentiom. ctrl.input 1 - 10 V btn fct	0308 00	→	285
T 1 H 250 V			
LED dimm.ins. 20 - 200 W rot.on/off	0300 00	→	282
T 1.6 H 250 V			
S2000 Triac swit.ins.	0854 00	→	277
T 2.5 H 250 V			
T 2 H 250 V			
S2000 LV dimm.ins. 20 - 500 VA	0331 00	→	276
T 3,15 H 250 V			
Speed regul. rot.on/off 0.1 - 2.7 A	0314 00	→	229

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Profile semi-cylinder</p> </div> <div style="text-align: center;">  </div> </div>			
with different lock types	0001 00	1/5	02
with identical lock types	0002 00	1/5	02
VdS class B	0003 00	1	02

+ Optional accessories

Key btn 1-p	0163 00	→	228
Key btn 1-p	0163 30	→	200
Key sw. 2-p	0144 00	→	228
Key sw. 2-p	0144 30	→	200

Features



- For use in key switches.

Notes

- The following applies to Order No. **0001 00, 0002 00**:
With five pin tumblers and three keys.
Basic length: 30 mm,
total length: 40 mm.
- The following applies to Order No. **0003 00**:
With three differently-locking nickel-silver keys. With security card. VdS approval: M 198 330
Basic length: 31.5 mm,
total length: 41.5 mm.

More information

Technical information → ⓘ 675



Specifications	Order No.	P. unit	PS
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Angular socket plug DIN 42 801 for equipotential bonding socket</p> </div> <div style="text-align: center;">  </div> </div>			
For lines up to 6 mm ²	044757	5/25	01

+ Optional accessories

Equipot.bond.sock. 2-g **0405 ..**

Scope of supply

- A yellow insulating sleeve is included in the scope of supply.

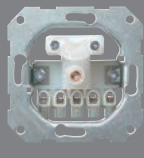

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Extension claw for flush-mounted devices</p> </div> <div style="text-align: center;">  </div> </div>			
	049810	10/50	01

Features

- For installation in walls with thick plaster coatings or additional wall cladding.
- Can be mounted in the device claws.

Notes

- **Not to be used for:**
Blind switches with toggle switch, key switches for half-cylinder profiles, time switches, timer, electronic devices, multiple socket outlets, telecommunication jacks, room temperature controller, cooker sockets.

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Cable branch insert 5-pole</p> </div> <div style="text-align: center;">  </div> </div>			
	0400 00	1/5	01

+ Necessary accessories

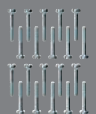

Cov. cab.branch CBO **0274 ..** → 82

Features

- With screw terminals.

Technical data

Installation depth: 31 mm
Connections: max. 2.5 mm²

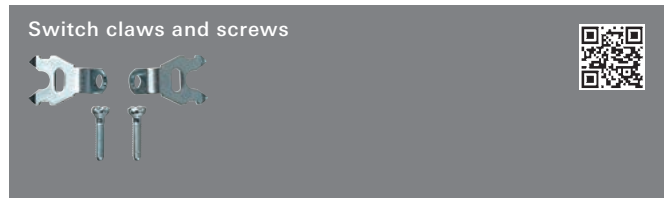
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Set of screws for SCHUKO socket outlets</p> </div> <div style="text-align: center;">  </div> </div>			
white	1499 00	1	09
black	1499 10	1	09

Scope of supply

- 20 units

Flush-mounted inserts, accessories Accessories

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----



	0951 00	1	01
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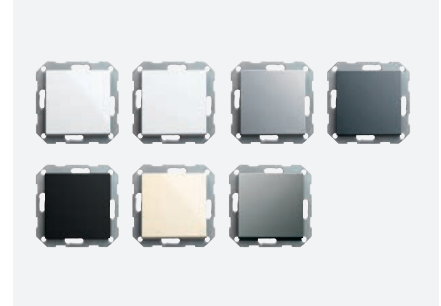
Scope of supply
- 2 claws, 2 screws

Switches and buttons with support ring	
71 x 71 mm	238
Switches and buttons with support ring	
76 x 76 mm	239
Socket outlets with support ring	
71 x 71 mm	240
Fused spur connectin sockets with support ring	
71 x 71 mm	241
Accessories	242
British Standard Gira E22 frames	242



One of the widest ranges in the world

Automatic lighting control, time-dependent temperature control, music streaming in every room, convenient door communication, integration of security systems, and much more: The huge variety of Gira's British Standard range is unparalleled anywhere in the world. The range spans socket outlets, dimmers, rocker and pushbutton switches, blind controller inserts, air-conditioning control and door communication, in addition to the Gira System 3000, KNX system and eNet wireless system. As well as the System 55 and E 22 functions, it includes specific products for countries where installation is carried out according to British Standard.



Technical and aesthetic flexibility

With its British Standard range, Gira has created a platform that enables you to meet your customers' wishes flexibly and individually. Modular systems combine a large selection of modern building technology functions with a wide range of design variations.

The centre inserts and covers fit into the frames of numerous Gira design lines. More than 300 (System 55) or 280 (E 22) functions that can be integrated into 1-gang to 5-gang frames mean great flexibility for installation.

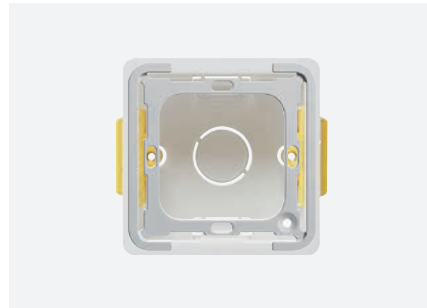
Attractive design variants

Four attractive design variants in cream white glossy, pure white glossy, aluminium and anthracite can be selected for the Gira System 55 inserts. For Gira E 22, variants in thermoplastic [pure white glossy], aluminium and stainless steel are available. The inserts offer a wealth of possibilities for implementing individual furnishing concepts. All materials have easy-to-clean surfaces with high UV resistance.



Installation in round flush-mounted boxes

With a support ring measuring 71 x 71 mm, the Gira System 55 and Gira E22 functions can easily be installed in round flush-mounted boxes.

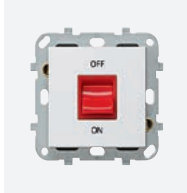


Installation in flush-mounted British Standard boxes (with adapter support ring)

An adapter support ring allows all System 55 and Gira E 22 functions to be installed in flush-mounted British Standard boxes.



Switches and buttons with support ring
71 x 71 mm
→ 238



Switches and buttons with support ring
76 x 76 mm
→ 239



Socket outlets with support ring
71 x 71 mm
→ 240



Fused spur connectin sockets with support ring
71 x 71 mm
→ 241



Accessories
→ 242



British Standard Gira E22 frames
→ 242

Specifications Order No. P. unit PS

Switches and buttons with support ring 71 x 71 mm

British Standard rocker switch (BS EN 60669-1) 20 AX 250 V~ with rocker



System 55, circuit breaker 2-pole

cream white glossy	2836 01	10	29
pure white glossy	2836 03	10	29
anthracite	2836 28	10	29
colour aluminium	2836 26	10	29
N black matt	2836 005	10	11
N Black matt. New product.			

Gira E22, circuit breaker 2-pole

aluminium	2836 203	10	29
-----------	----------	----	----

Technical data

Installation depth:	24 mm
Connections	
- maximum:	2 x 4 mm ² or 1 x 6 mm ²

British Standard rocker switch (BS EN 60669-1) 20 AX 250 V~ with rocker and control light



System 55, circuit breaker 2-pole

cream white glossy	2834 01	10	29
pure white glossy	2834 03	10	29
anthracite	2834 28	10	29
colour aluminium	2834 26	10	29
N black matt	2834 005	10	29
N Black matt. New product.			

Gira E22, circuit breaker 2-pole

aluminium	2834 203	10	29
-----------	----------	----	----

Features

- With screw terminals.

Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 4 mm ² or 1 x 6 mm ²

Notes

- For screw mounting only.

Specifications Order No. P. unit PS

British Standard rocker switch (BS EN 60669-1) 3-gang with rockers



System 55, 1-way switch

cream white glossy	2830 01	10	29
pure white glossy	2830 03	10	29
anthracite	2830 28	10	29
colour aluminium	2830 26	10	29
N black matt	2830 005	10	29
N Black matt. New product.			

E22, 1-way switch

aluminium	2830 203	10	29
-----------	----------	----	----

Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

British Standard rocker switch (BS EN 60669-1) 3-gang with rockers



System 55, universal off/2-way switch

cream white glossy	2832 01	10	29
pure white glossy	2832 03	10	29
anthracite	2832 28	10	29
colour aluminium	2832 26	10	29
N black matt	2832 005	10	11
N Black matt. New product.			

Gira E22, universal off/2-way switch

aluminium	2832 203	10	29
-----------	----------	----	----

Features

- With screw terminals.

Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

Notes

- For screw mounting only.

Specifications Order No. P. unit PS

British Standard rocker button (BS EN 60669-1),
3-gang 10 A 250 V~ with rockers



System 55, NO contact 1-pole

cream white glossy	2844 01	10	29
pure white glossy	2844 03	10	29
anthracite	2844 28	10/10	29
colour aluminium	2844 26	10/10	29
N black matt	2844 005	10	29
N Black matt. New product.			

Gira E22, NO contact 1-pole

aluminium	2844 203	10/10	29
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Features

- With screw terminals.

Technical data

Installation depth:	25 mm
Connections	
- maximum:	2 x 2.5 mm ²

Notes

- For screw mounting only.

Specifications Order No. P. unit PS

Switches and buttons with support ring 76 x 76 mm

N New product.
Replaces 2838 ..
British Standard switch (BS EN 60669-1)
45 A 250 V~



System 55, circuit breaker 2-pole

cream white glossy	2821 01	10	29
pure white glossy	2821 03	10	29
anthracite	2821 28	10	29
colour aluminium	2821 26	10	29
black matt	2821 005	10	29
stainless steel (lacquered)	2821 600	10	29

Gira E22, circuit breaker 2-pole

aluminium	2821 203	10	29
-----------	-----------------	----	----

+ Necessary accessories

For Gira E22: Cover frames British Standard for support ring 80 x 80 mm

Technical data

Installation depth:	16 mm
Connections	
- maximum:	2 x 6 mm ² or 1 x 10 mm ²

Notes

- Individual device. Cannot be combined.
- A square BS installation box is required for the installation.

Specifications Order No. P. unit PS

Socket outlets with support ring 71 x 71 mm

Socket outlet British Standard (BS 1363-2)
13 A 250 V~ with shutter



System 55	Order No.	P. unit	PS
cream white glossy	2776 01	10/100	29
pure white glossy	2776 03	10/100	29
anthracite	2776 28	10/100	29
colour aluminium	2776 26	10/100	29

Gira E22 aluminium	Order No.	P. unit	PS
aluminium	2776 203	10/100	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	17 mm
Connections	
- maximum:	2 x 4 mm ²

Socket outlet British Standard (BS 1363-2)
13 A 250 V~ switched, with shutter



System 55	Order No.	P. unit	PS
cream white glossy	2778 01	10/100	29
pure white glossy	2778 03	10/100	29
anthracite	2778 28	10/100	29
colour aluminium	2778 26	10/100	29
N black matt	2778 005	10	29

Gira E22 aluminium	Order No.	P. unit	PS
aluminium	2778 203	10/100	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
---------------------	-------

Specifications Order No. P. unit PS

Socket outlet British Standard (BS 1363-2)
13 A 250 V~ switched,
with control light and Shutter



System 55	Order No.	P. unit	PS
cream white glossy	2780 01	10/100	29
pure white glossy	2780 03	10/100	29
anthracite	2780 28	10/100	29
colour aluminium	2780 26	10/100	29
N black matt	2780 005	10	29

Gira E22 aluminium	Order No.	P. unit	PS
aluminium	2780 203	10/100	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
---------------------	-------

Socket outlet British Standard (BS 546) Round Pin
5 A 250 V~ with shutter



System 55	Order No.	P. unit	PS
cream white glossy	2772 01	10	29
pure white glossy	2772 03	10	29
anthracite	2772 28	10	29
colour aluminium	2772 26	10	29
N black matt	2772 005	10	29

Gira E22 aluminium	Order No.	P. unit	PS
aluminium	2772 203	10	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
Connections	
- maximum:	2 x 4 mm ²

Specifications Order No. P. unit PS



System 55	Order No.	P. unit	PS
cream white glossy	2774 01	10	29
pure white glossy	2774 03	10	29
anthracite	2774 28	10	29
colour aluminium	2774 26	10	29
N black matt	2774 005	10	29
N Black matt. New product.			

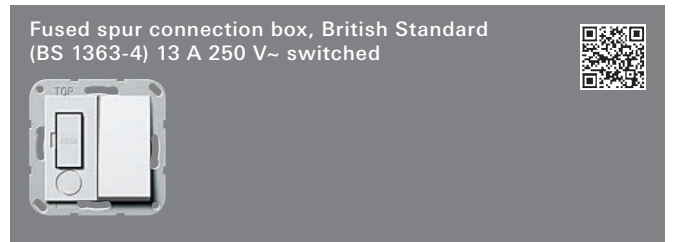
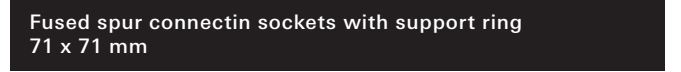
Gira E22 aluminium	Order No.	P. unit	PS
aluminium	2774 203	10	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	20 mm
Connections	
- maximum:	2 x 4 mm ²

Specifications Order No. P. unit PS



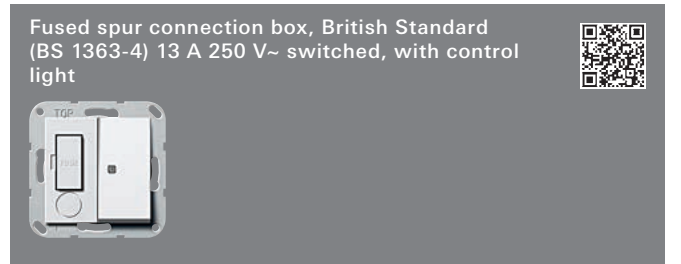
System 55	Order No.	P. unit	PS
cream white glossy	2785 01	1/5	29
pure white glossy	2785 03	1/5	29
anthracite	2785 28	1/5	29
colour aluminium	2785 26	1/5	29
N black matt	2785 005	1	29
N Black matt. New product.			

Gira E22 aluminium	Order No.	P. unit	PS
aluminium	2785 203	1/5	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	29 mm
Connections	
- maximum:	2 x 2.5 mm ²



System 55	Order No.	P. unit	PS
cream white glossy	2787 01	1/5	29
pure white glossy	2787 03	1/5	29
anthracite	2787 28	1/5	29
colour aluminium	2787 26	1/5	29
N black matt	2787 005	1	29
N Black matt. New product.			

Gira E22 aluminium	Order No.	P. unit	PS
aluminium	2787 203	1/5	29

- Features**
- With screw terminals.
 - For screw mounting only.

Technical data

Installation depth:	29 mm
---------------------	-------

Specifications Order No. P. unit PS

N New product.
Fused spur connection box, British Standard (BS 1363-4) 13 A 250 V~ not switched




System 55	Order No.	P. unit	PS
cream white glossy	2811 01	1	29
pure white glossy	2811 03	1	29
anthracite	2811 28	1	29
colour aluminium	2811 26	1	29
black matt	2811 005	1	29
stainless steel (lacquered)	2811 600	1	29

E22 aluminium	Order No.	P. unit	PS
aluminium	2811 203	1	29


- Features**
- With screw terminals.
 - For screw mounting only.

Technical data	Value
Installation depth:	29 mm
Connections	
- maximum:	2 x 2.5 mm ²

Specifications Order No. P. unit PS

Accessories

Adapter support ring 80 x 80 mm

Adapter support ring 80 x 80 mm	Order No.	P. unit	PS
	2849 00	10	29

- Notes**
- For integration of Gira products with support ring 71 x 71 mm.

British Standard Gira E22 frames

- Notes**
- Frame British Standard 80 x 80 mm.

British Standard Gira E22 frames

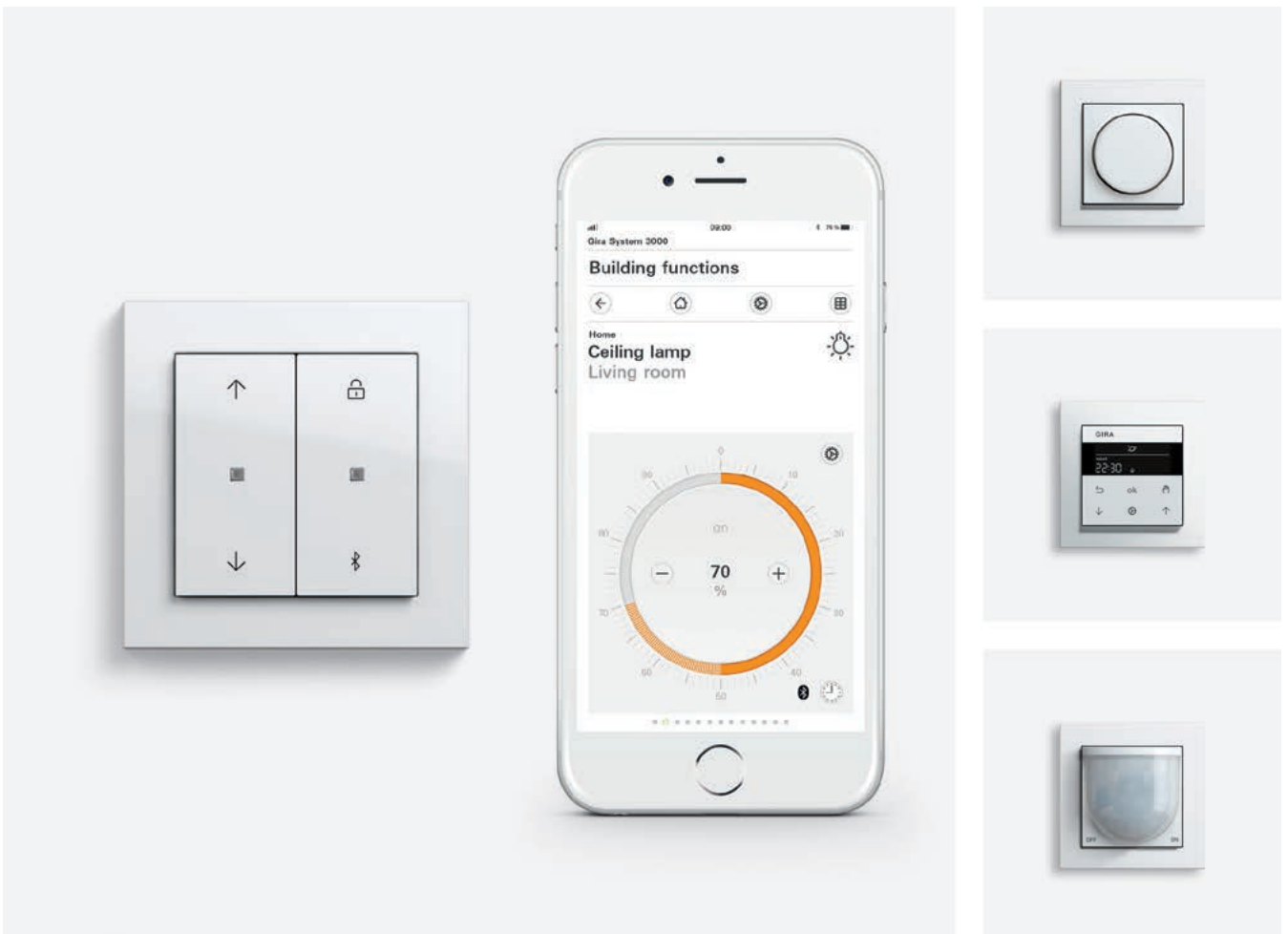



aluminium	Order No.	P. unit	PS
1-gang	0211 209	10/10	11
2-gang without crossbar	1002 209	10/10	11

System 3000 Switching	248
System 3000 dimming	250
System 3000 Auxiliary units	257
System 3000 blind controller	259
System 3000 system top units	260
Gira System 2000, other electronics	269

Awards

Iconic Award, Selection 2019
German Design Award, Winner



Convenient automatic or manual blind control

The Gira System 3000 offers maximum flexibility and ease-of-use for cutting-edge lighting and blind control: five different operating top units, which can be used universally for lighting and blinds, ensure a simple solution that is both convenient and matches any desired functionality and aesthetic. Simple adjustments can be made on the device itself without additional aids; more complex programming uses the convenient Gira app on your smartphone or tablet. In the same way, the System 3000 lets you operate the motion detectors for automatic lighting control.



Manual blind control

Raising and lowering blinds is a breeze with the blind control button: a short press of the button adjusts the slats, pressing the button for longer raises and lowers the blinds. The directions of movements are interlocked to securely prevent damage.



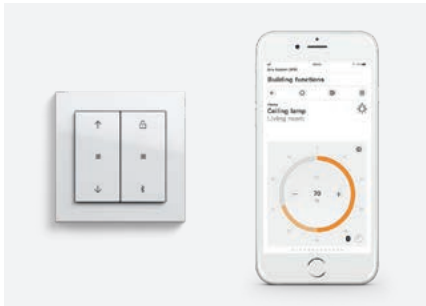
Time-controlled blind control

Use the System 3000 blind timer and timer Display to raise and lower blinds and similar devices automatically. If the times are programmed, the blinds move all by themselves at the right times. This function is ideal for simulating a presence in the home, for example: home owners can go on holiday with the peace of mind of knowing that blinds, shutters or awnings are controlled by the system at set times.



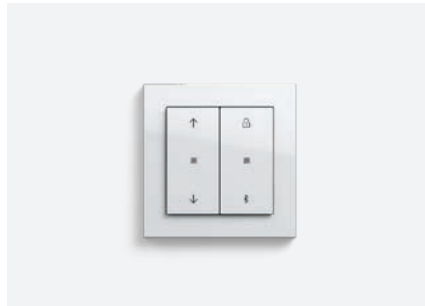
Group function

If several blinds are to be controlled simultaneously, a number of controllers can be grouped together. One device in the system serves as the master device and transmits the control commands to all the downstream devices. Each blind can, of course, also be locally controlled individually. Group control makes good sense, for example in a single-family house or in smaller office spaces.



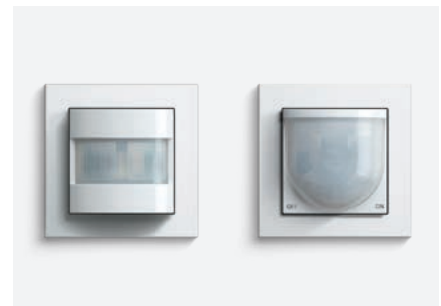
Bluetooth for greater convenience

Program and control as required from the comfort of your sofa: the System 3000 blind timer and timer BT takes light and blind control a step further. Turn your smartphone or tablet into a control centre. On a large screen, the Gira app shows all settings for your different light sources and blinds at a single glance and puts control right at your fingertips. Any time programs that have been previously set up can easily be copied to other operating top units.



Clever lighting control

Apartments and houses with the lights on deter burglars. The Gira timer control lights up rooms even when you're out. By programming various dimmer and brightness levels in advance and setting up switch-on times for one or more lamps, you can create a home ambience to match your desires and needs. The Gira System 3000 puts a whole range of options for personalised lighting control at your disposal: from simple on/off switches to extended functions controlled via a convenient app or by the timer Display.



Lighting when movement is detected

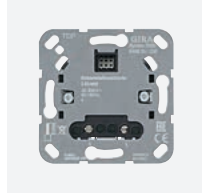
Motion detectors are a convenient and energy-efficient means of controlling lighting in corridors and stairwells, or even in home entrances or driveways. The new System 3000 motion detector top units with digital sensors provide optimum detection for a huge range of different installation locations. The Standard models cover simple applications and extended detection ranges. The Komfort models let you add a multitude of special features, which can be configured very easily via Bluetooth using the Gira app.



System 3000
Switching
→ 248



System 3000
dimming
→ 250



System 3000
Auxiliary units
→ 257



System 3000 blind
controller
→ 259
















System 3000
system top units
→ 260

System 3000
inserts, top units

System 3000

System 3000
inserts, top units




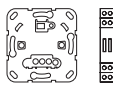


		Lighting control				
						
		Relay switching insert → 248	Relay switching insert → 248	Universal LED dimming insert Standard → 252	Universal LED dimming insert Komfort → 253	
Order no.		5403 00	5405 00	5400 00	5401 00	
	Operating top unit and operating top unit arrow symbols → 260	5360.. 5361..	Switching	Switching	Switching Dimming	Switching Dimming
	Memory operating top unit → 261	5363..	Switching Memory	Switching Memory	Switching Dimming Memory	Switching Dimming Memory
	Blind timer and timer Display → 261	5366..	Switching Memory Timer	Switching Memory Timer	Switching/dimming Memory Timer	Switching/dimming Memory Timer
	Blind timer and timer BT → 262	5367..	Switching Timer App operation	Switching Timer App operation	Switching/dimming Timer App operation	Switching/dimming Timer App operation
	Motion detector 1.10 m Standard → 264	☑ 5373..	Switching	Switching	Switching	Switching
	Motion detector 1.10 m Komfort BT → 264	☑ 5374..	Switching App operation	Switching App operation	Switching Dimming App operation	Switching Dimming App operation
	Motion detector 2.20 m Standard → 265	☑ 5375..	Switching	Switching	Switching	Switching
	Motion detector 2.20 m Komfort BT → 266	☑ 5376..	Switching App operation	Switching App operation	Switching Dimming App operation	Switching Dimming App operation
	Presence and motion detector 360° top unit BT → 267	5377 02	Switching App operation	Switching App operation	Switching Constant light control App operation	Switching Constant light control App operation

The modular system, comprising power inserts and operating top units, offers maximum freedom for putting together products and realising functions. Manual operation using a control button, electronically timed or motion-activated lighting controls – it's all equally feasible.

Auxiliary inputs let you centralise function controls, e. g. with a wind sensor or master button.

For blind and shutter control, auxiliary units are normally used to control higher-level groups or centralised operation.

For lighting, auxiliary units usually act as additional operating points or to extend the range of motion detectors. A new option now available is to use a 3-wire auxiliary insert to simultaneously operate up to 5 switching and dimming inserts. System 3000 also lets you combine timers with motion detectors.

Lighting control				Blind control	
 DALI power control unit flush-mounted insert → 257	 Auxiliary insert, 2-wire → 257	 Auxiliary insert, 3-wire → 258	 Impulse insert with staircase light timer → 249	 Blind control insert with auxiliary input → 259	 Blind control insert w/o auxiliary input → 259
5406 00	5408 00	5409 00	5410 00 0821 00	5414 00	5415 00
Switching Dimming Tunable White	① Switching Dimming Tunable White	① Switching Dimming Tunable White	Switching on	Up/down Specific position	Up/down Specific position
Switching Dimming Memory	---	① Switching Dimming	---	Up/down Specific position Memory	Up/down Specific position Memory
Switching/dimming Memory Timer	---	① Switching Dimming	---	Up/down, position Memory Blind timer	Up/down, position Memory Blind timer
Switching/dimming Timer App operation	---	① Switching Dimming	---	Up/down, position Blind timer App operation	Up/down, position Blind timer App operation
Switching	---	Switching on	Switching on	---	---
Switching Dimming App operation	---	Switching on	Switching on	---	---
Switching	---	Switching on	Switching on	---	---
Switching Dimming App operation	---	Switching on	Switching on	---	---
Switching Constant light control App operation	---	Switching on	Switching on	---	---

System 3000
insert LS...top units

☒ For a mounting height of up to 1.10 m with purely horizontally-aligned detection area, which means it doesn't have its own range limitation outdoors



☒ For mounting height up to 2.20 m with angled, vertically-aligned detection area


① Depends on the main unit you wish to activate


Specifications Order No. P. unit PS




System 3000 Switching

N New product.
Replaces **0853 00**.
System 3000 relay switching insert

230 V  11,8 V

230 V  12 V

5403 00 1 02

+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

One of the following articles:

Rocker btn NO con. 0151 00	→	225
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S2000 aux.unit 2-wire 0333 00	→	280

Features

- Switching of lighting and single-phase motors.
- Adaptive zero-point switch-off
- Connecting auxiliary units is possible.
- The load is switched off automatically. Delay times can be set to one of five levels, cannot be re-triggered.
- Test run for function testing.
- Operation with neutral conductor connection.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Ohmic switching current:	16 A (AC1)
Connected load at 35 °C	
- HV LED lamps:	typ. 500 W
- Compact fluorescent lamp:	typ. 500 W
- Light bulbs:	2300 W
- HV halogen lamps:	2300 W
- Gira tronic transformers:	1500 W
- Wound transformer:	1000 VA
- Fluorescent lamps, uncompensated:	1200 VA
Switching current for motors:	6 A
Capacitive load:	920 VA (115 µF)
Delay time:	without, 1 min, 5 min, 30 min, 60 min
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-25 °C to +45 °C

Notes

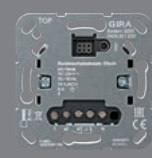

- If the ambient temperature is higher than 35 °C, the connected load must be reduced.

More information

Technical information → [i596](#)

Specifications Order No. P. unit PS

N New. Available from 05/2019.
Replaces **0303 00**.
System 3000 relay switch insert 2-gang

5404 00 1

+ Necessary accessories

One of the following articles:

S3000 op.top 2-g 5362 ..	→	260
S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

One of the following articles:

Rocker btn NO con. 0151 00	→	225
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S2000 aux.unit 2-wire 0333 00	→	280

Features

- Switching of lighting and single-phase motors.
- Connecting auxiliary units is possible.
- Test run for function testing.
- Operation with neutral conductor connection.
- Combination with System 3000 operating top unit 2-gang**
- Switching of two independent outputs.
- Time function configurable for output a2.
- Combination with System 3000 operating top unit**
- Output a2 switches as a function of output a1, e.g. to switch on a fan when the lights come on and switch it off after a delay.
- Switch-on delay configurable for output a2.
- Switch-off delay configurable for output a2.

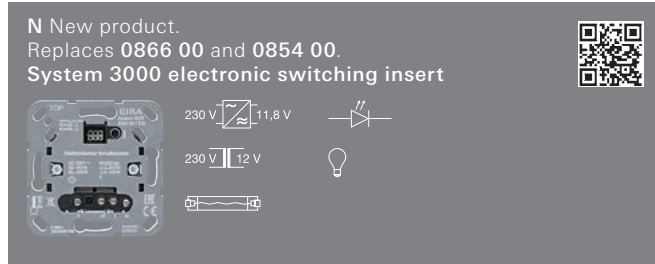
Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Ohmic switching current:	10 A (AC1)
Connected load at 25°C per output	
- HV LED lamps:	typ. 500 W
- Compact fluorescent lamp:	typ. 500 W
- Light bulbs:	1500 W
- HV halogen lamps:	1500 W
- Gira tronic transformers:	1000 W
- Wound transformer:	625 VA
- Fluorescent lamps, uncompensated:	750 VA
Switching current for motors:	3 A
Capacitive load:	580 VA (70 µF)
Output a2	
- Time function/switch-off delay:	without, 1 min, 5 min, 30 min, 60 min
- Switch-on delay:	without, 3 min
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-25 °C to +45 °C

Specifications	Order No.	P. unit	PS
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Notes

- Combined with motion detector top unit Standard, operating top unit Memory, blind and timer Display or blind and timer BT, relay switch insert 2-gang acts the same as if fitted with an operating top unit.
- Combined with a motion detector top unit Komfort BT or presence and motion detector 360° top unit BT, motion causes output a1 to switch depending on brightness and output a2 to switch independent of brightness and after a delay.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.



5405 00	1	02
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+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

One of the following articles:

Rocker btn NO con. 0151 00	→	225
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S2000 aux.unit 2-wire 0333 00	→	280

Features

- Connecting auxiliary units is possible.
- Bulb-saving switch-on.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Operation with a neutral conductor

- Switching of light bulbs, HV halogen lamps, electronic or inductive transformers with halogen or LED lamps, switchable or dimmable HV LED lamps or compact fluorescent lamps.
- Device is powered via the phase conductor and neutral conductor, therefore no leading edge or trailing edge phase control.

Operation without a neutral conductor

- Switching of light bulbs, HV halogen lamps, electronic or inductive transformers with halogen or LED lamps, dimmable HV LED lamps or compact fluorescent lamps.
- Device is powered via the phase conductor and therefore works according to the leading edge or trailing edge principle.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.

Specifications	Order No.	P. unit	PS
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Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Connected load at 25 °C	
- HV LED lamps (leading edge):	typ. 3 to 100 W
- HV LED lamps (trailing edge):	typically 3 to 200 W
- Compact fluorescent lamp:	typ. 3 to 100 W
- Light bulbs:	20 to 400 W
- HV halogen lamps:	20 to 400 W
- Gira tronic transformers:	20 to 400 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- Wound transformer:	20 to 400 VA
- Wound transformer with NV-LED:	typically 20 to 100 VA
Thermal servos:	max. 10
Cable length	
- Load:	max. 100 m
- Auxiliary unit:	max. 100 m
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-5 °C to +45 °C

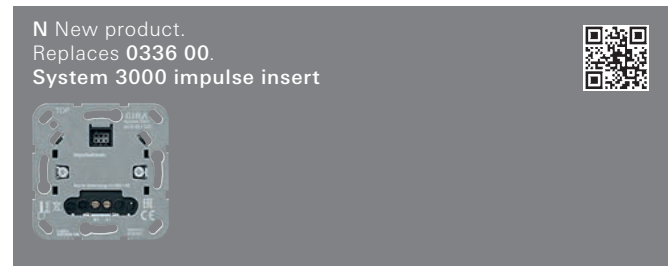
Notes

- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information

→ i 636



5410 00	1	02
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+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

Staircase light timer DRA 0821 00	→	250
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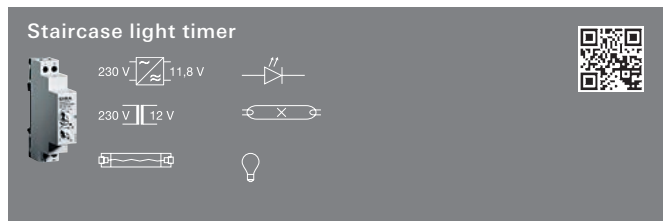
Features

- The staircase lighting mechanism is switched on manually or automatically.
- Manual switching with System 3000 operating top unit.
- Automatic switching with motion detector top unit or Bluetooth presence and motion detector 360° top unit from the System 3000.

Technical data

Rated voltage:	AC 230 V, 50 Hz
Standby:	0.25 to 0.45 W
Current consumption:	approx. 2.8 mA
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-5 °C to +45 °C

Specifications Order No. P. unit PS



DRA **0821 00** 1 02

+ Necessary accessories

- One of the following articles:
- S3000 impulse insert **5410 00** → 249
 - S2000 impulse ins. **0336 00** → 279

+ Optional accessories

- One of the following articles:
- Rocker btn NO con. **0151 00** → 225
 - S3000 aux.ins. 2-wire **5408 00** → 257
 - S3000 impulse insert **5410 00** → 249
 - S2000 aux.unit 2-wire **0333 00** → 280

Features

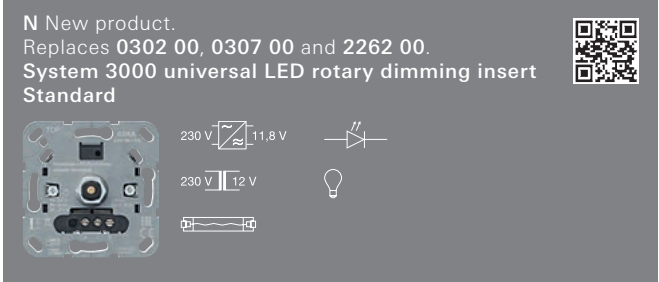
- Manual or automatic light switching in staircases.
- Switch light on using System 2000 and System 3000 impulse insert or rocker buttons.
- Delay time adjustable.
- Electronic overload protection for the control input.
- Automatic function with or without a switch-off pre-warning.
- Switch light on or off permanently.
- Insert in 3 or 4-conductor circuit.

Technical data

Rated voltage:	AC 230 V, 50 Hz
Current load of control input A1:	40 mA
Switching voltage:	AC 250 V
Ohmic switching current:	16 A
Switch-on current 20 ms:	max. 165 A
Minimum switching current AC:	100 mA
Connected load	
- HV LED lamps:	typically 400 W
- Light bulbs:	2300 W
- HV halogen lamps:	2300 W
- Gira Tronic transformer:	1500 W
- Wound transformer:	1000 VA
- Fluorescent lamps, uncompensated:	1200 VA
- Fluorescent lamps, duo-circuit:	2300 (140 µF)
- Fluorescent lamps, parallel-compensated:	920 VA
- Electronic ballasts:	type dependent
Cable length	
- Load:	max. 100 m
- Control cable:	max. 100 m
Switch-on time:	10 s to 15 min
Ambient temperature:	+5 °C to +45 °C
Dimensions	
- Modular widths (MW):	1

Specifications Order No. P. unit PS

System 3000 dimming



2450 00 1 02

+ Necessary accessories

- Cov. knob dim. + potentiom. **0650 ..**
- System 55 → 62
 - E22 aluminium → 163

+ Optional accessories

- Compensation mod. LED **2375 00** → 283
- Power booster**
- S3000 uni.LED pow.booster DRA **2383 00** → 256

Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Automatic setting of dimming principle according to load (leading or trailing edge).
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.35 W
Connected load at 25 °C	
- HV LED lamps (leading edge):	typ. 3 to 60 W
- HV LED lamps (trailing edge):	typically 3 to 120 W
- Compact fluorescent lamp:	typ. 3 to 60 W
- Light bulbs:	20 to 210 W
- HV halogen lamps:	20 to 210 W
- Gira tronic transformers:	20 to 210 W
- electronic transformer with NV-LED:	typically 20 to 60 W
- Wound transformer:	20 to 210 VA
- Wound transformer with NV-LED:	typically 20 to 60 VA
Cable length	
- Load:	max. 100 m
Installation:	in device box pursuant to DIN 49073
Installation depth:	24 mm
Connections	
- Single-wire:	max. 4 mm ²
- Fine-wire without ferrule:	max. 4 mm ²
- Fine-wire with ferrule:	max. 4 mm ²
Ambient temperature:	-5 °C to +45 °C

Specifications	Order No.	P. unit	PS
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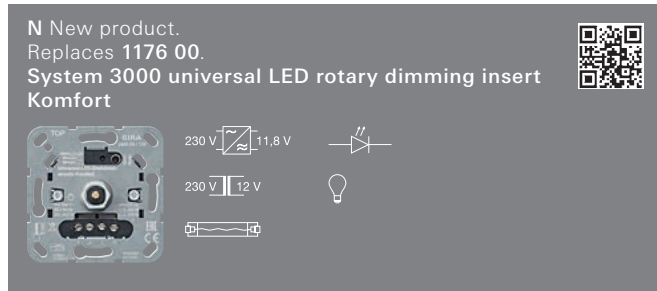
Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information

→ ⓘ 596



2455 00	1	02
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+ Necessary accessoriesCov. knob dim. + potentiom. **0650 ..**

- System 55 → 62
- E22 aluminium → 163

+ Optional accessoriesCompensation mod. LED **2375 00** → 283**Auxiliary inputs**

- S3000 rot.aux.ins. 3-wire **2389 00** → 258
- S3000 aux.ins. 2-wire **5408 00** → 257
- S3000 aux.ins. 3-wire **5409 00** → 258
- S2000 aux.unit 2-wire **0333 00** → 280
- Rocker btn NO con. **0151 00** → 225

Power boosterS3000 uni.LED pow.booster DRA **2383 00** → 256**Features**

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Connecting auxiliary units is possible.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Specifications	Order No.	P. unit	PS
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Technical data

- | | |
|---------------------------------------|-------------------------------------|
| Rated voltage: | AC 230 V, 50/60 Hz |
| Standby: | max. 0.35 W |
| Connected load at 25 °C | |
| - HV LED lamps (leading edge): | typ. 3 to 100 W |
| - HV LED lamps (trailing edge): | typically 3 to 200 W |
| - Compact fluorescent lamp: | typ. 3 to 100 W |
| - Light bulbs: | 20 to 420 W |
| - HV halogen lamps: | 20 to 420 W |
| - Gira tronic transformers: | 20 to 420 W |
| - electronic transformer with NV-LED: | typically 20 to 100 W |
| - Wound transformer: | 20 to 420 VA |
| - Wound transformer with NV-LED: | typically 20 to 100 VA |
| Auxiliary inputs | |
| - Non-illuminated mechanical buttons: | unlimited |
| - Auxiliary insert, 2-wire: | unlimited |
| - Auxiliary insert, 3-wire: | max. 10 |
| Cable length | |
| - Auxiliary unit: | max. 100 m |
| - Load: | max. 100 m |
| Installation: | in device box pursuant to DIN 49073 |
| Installation depth: | 24 mm |
| Connections | |
| - Single-wire: | max. 4 mm ² |
| - Fine-wire without ferrule: | max. 4 mm ² |
| - Fine-wire with ferrule: | max. 4 mm ² |
| Ambient temperature: | -5 °C to +45 °C |

Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

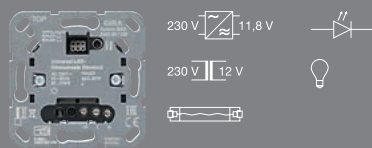
Technical information

→ ⓘ 637

Specifications	Order No.	P. unit	PS
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Specifications	Order No.	P. unit	PS
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N New product.
Replaces **0331 00**.
System 3000 universal LED dimming insert
Standard



230 V $\frac{\sim}{\sim}$ 11,8 V

230 V $\frac{\sim}{\sim}$ 12 V



5400 00	1	02
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+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

One of the following articles:

Compensation mod. LED 2375 00	→	283
Power booster		
S3000 uni.LED pow.booster DRA 2383 00	→	256

Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Connected load at 25 °C	
- HV LED lamps (leading edge):	typ. 3 to 60 W
- HV LED lamps (trailing edge):	typically 3 to 120 W
- Compact fluorescent lamp:	typ. 3 to 60 W
- Light bulbs:	20 to 210 W
- HV halogen lamps:	20 to 210 W
- Gira tronic transformers:	20 to 210 W
- electronic transformer with NV-LED:	typically 20 to 60 W
- Wound transformer:	20 to 210 VA
- Wound transformer with NV-LED:	typically 20 to 60 VA
Cable length	
- Load:	max. 100 m
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-5 °C to +45 °C

Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information

→ i 638

Specifications Order No. P. unit PS

N New product.
Replaces **2385 00**.
System 3000 universal LED dimming insert Komfort

5401 00 1 02

+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

One of the following articles:

Compensation mod. LED 2375 00	→	283
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Auxiliary inputs

S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 rot.aux.ins. 3-wire 2389 00	→	258
S2000 aux.unit 2-wire 0333 00	→	280

One of the following articles:

Rocker btn NO con. 0151 00	→	225
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Power booster

S3000 uni.LED pow.booster DRA 2383 00	→	256
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Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Connecting auxiliary units is possible.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Specifications Order No. P. unit PS

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Connected load at 25 °C	
- HV LED lamps (leading edge):	typ. 3 to 100 W
- HV LED lamps (trailing edge):	typically 3 to 200 W
- Compact fluorescent lamp:	typ. 3 to 100 W
- Light bulbs:	20 to 420 W
- HV halogen lamps:	20 to 420 W
- Gira tronic transformers:	20 to 420 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- Wound transformer:	20 to 420 VA
- Wound transformer with NV-LED:	typically 20 to 100 VA
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	max. 10
Cable length	
- Load:	max. 100 m
- Auxiliary unit:	max. 100 m
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-5 °C to +45 °C

Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

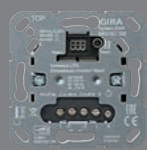
Technical information → [i 638](#)

System 3000
insert LS...top units

Specifications Order No. P. unit PS

Specifications Order No. P. unit PS

N New. Available from 05/2019.
Replaces **2263 00**.
**System 3000 universal LED dimming insert
Komfort 2-gang**



5402 00 1

+ Necessary accessories

One of the following articles:

S3000 op.top 2-g 5362 ..	→	260
S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

One of the following articles:

Compensation mod. LED 2375 00	→	283
Auxiliary inputs		
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 rot.aux.ins. 3-wire 2389 00	→	258
S2000 aux.unit 2-wire 0333 00	→	280
One of the following articles:		
Rocker btn NO con. 0151 00	→	225
Power booster		
S3000 uni.LED pow.booster DRA 2383 00	→	256

Features

- Two independent outputs for two lamp groups.
- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Connecting auxiliary units is possible.
- Using a System 3000 3-wire auxiliary insert together with a System 3000 2-gang operating top unit, both outputs can be operated separately.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Technical data

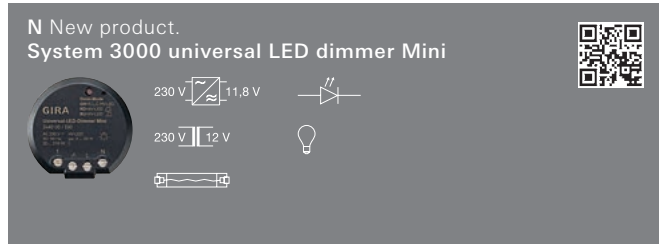
Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.1 to 0.5 W
Connected load at 25°C per output	
- HV LED lamps (leading edge):	typ. 3 to 50 W
- HV LED lamps (trailing edge):	typ. 3 to 100 W
- Compact fluorescent lamp:	typ. 3 to 50 W
- Light bulbs:	20 to 210 W
- HV halogen lamps:	20 to 210 W
- Gira tronic transformers:	20 to 210 W
- electronic transformer with NV-LED:	typically 20 to 50 W
- Wound transformer:	20 to 210 VA
- Wound transformer with NV-LED:	typically 20 to 50 VA
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	max. 10
Cable length	
- Load:	max. 100 m
- Auxiliary unit:	max. 100 m
Installation depth:	30 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-5 °C to +45 °C

Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

System 3000 inserts, top units

Specifications Order No. P. unit PS



2440 00 1 02

+ Necessary accessories

One of the following articles:

S3000 aux.ins. 2-wire	5408 00	→	257
S3000 aux.ins. 3-wire	5409 00	→	258
S3000 rot.aux.ins. 3-wire	2389 00	→	258
S2000 aux.unit 2-wire	0333 00	→	280
Rocker btn NO con.	0151 00	→	225

+ Optional accessories

One of the following articles:

Compensation mod. LED	2375 00	→	283
Power booster			
S3000 uni.LED pow.booster DRA	2383 00	→	256

Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Operation via auxiliary units.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.3 W
Connected load at 25 °C	
- HV LED lamps (leading edge):	typ. 3 to 50 W
- HV LED lamps (trailing edge):	typ. 3 to 100 W
- Compact fluorescent lamp:	typ. 3 to 50 W
- Light bulbs:	20 to 210 W
- HV halogen lamps:	20 to 210 W
- Gira tronic transformers:	20 to 210 W
- electronic transformer with NV-LED:	typically 20 to 50 W
- Wound transformer:	20 to 210 VA
- Wound transformer with NV-LED:	typically 20 to 50 VA
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	
Cable length	
- Auxiliary unit:	max. 100 m
- Load:	max. 100 m
Installation:	in device box pursuant to DIN 49073, in combination with a suitable cover
Connections	
- Single-wire:	max. 4 mm ²
- Fine-wire without ferrule:	max. 4 mm ²
- Fine-wire with ferrule:	max. 2.5 mm ²
Ambient temperature:	-5 °C to +45 °C
Dimensions in mm	Ø 48 H 19,5

Specifications Order No. P. unit PS

Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
- Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
- The switch-on brightness cannot be saved using a button.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information → i 640

Specifications Order No. P. unit PS

N New product.
Replaces **1034 00**.
System 3000 universal LED dimmer DRA

DRA **2365 00** 1 02

+ Optional accessories

Auxiliary inputs

- S3000 aux.ins. 2-wire **5408 00** → 257
- S3000 aux.ins. 3-wire **5409 00** → 258
- S3000 rot.aux.ins. 3-wire **2389 00** → 258
- S2000 aux.unit 2-wire **0333 00** → 280
- Rocker btn NO con. **0151 00** → 225

Power booster

- S3000 uni.LED pow.booster DRA **2383 00** → 256

Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Operation is via mechanical button (NO contact), System 3000 2- or 3-wire auxiliary unit or System 2000 2-wire auxiliary unit.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently (possible with System 2000 and 3000 auxiliary unit).
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with neutral conductor connection.

Technical data

- Rated voltage: AC 230 V, 50/60 Hz
- Standby: 0.3 W
- Connected load at 45 °C
- HV LED lamps (leading edge): typ. 3 to 100 W
- HV LED lamps (trailing edge): typically 3 to 200 W
- Compact fluorescent lamp: typ. 3 to 100 W
- Light bulbs: 20 to 420 W
- HV halogen lamps: 20 to 420 W
- Gira tronic transformers: 20 to 420 W
- electronic transformer with NV-LED: typically 20 to 100 W
- Wound transformer: 20 to 420 VA
- Wound transformer with NV-LED: typically 20 to 100 VA

Auxiliary inputs

- Non-illuminated mechanical buttons: unlimited
- Auxiliary insert, 2-wire: unlimited
- Auxiliary insert, 3-wire: max. 10

Cable length

- Load: max. 100 m
 - Auxiliary unit: max. 100 m
- Ambient temperature: -5 °C to +45 °C

Dimensions

- Modular widths (MW): 2

Notes

- If the ambient temperature is higher than 45 °C, the connected load must be reduced.

Specifications Order No. P. unit PS

N New product.
Replaces **1035 00**.
System 3000 universal LED power booster DRA

DRA **2383 00** 1 02

+ Optional accessories

One of the following articles:

- S3000 uni.LED dimm.ins. Standard **5400 00** → 252
- S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
- S3000 uni.LED dim. DRA **2365 00** → 256
- S3000 uni.LED dim. Mini **2440 00** → 255
- S3000 uni.LED rot.dimm.ins. Standard **2450 00** → 250
- S3000 uni.LED rot.dimm.ins. Komfort **2455 00** → 251
- Dimm.act. 1-g 500 W/VA **2171 00** → 523
- Dimm.act. 2-g 2 x 300 W/VA **2172 00** → 524
- Dimm.act. 4-g 4 x 250 W/VA **2174 00** → 525
- WL dimm.act. 1-g Mini 20 - 250 VA **5420 00** → 559
- WL dimm.act. 1-g DRA **5430 00** → 562
- WL dimm.act. 4-g DRA **5431 00** → 563

Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen, inductive transformers for halogen, HV LED or compact fluorescent lamps.
- Operation is via upstream dimmer.
- The connected loads are supplied via a common load line.
- Electronic excess-temperature protection.

Technical data

- Rated voltage: AC 230 V, 50/60 Hz
- Standby: 0.3 W
- Connected load at 45 °C
- HV LED lamps (leading edge): 75 to 100 W
- HV LED lamps (trailing edge): 200 W
- Light bulbs: 200 to 420 W
- HV halogen lamps: 200 to 420 W
- Gira tronic transformers: 200 to 420 W
- Wound transformer: 200 to 420 VA
- Cable length
- Load: max. 100 m
- Ambient temperature: -5 °C to +45 °C
- Dimensions
- Modular widths (MW): 2

Notes

- If the ambient temperature is higher than 45 °C, the connected load must be reduced.
- Maximum load and number of power boosters depend on dimmer. Refer to the technical appendix or operating instructions for a reference list.

More information

Technical information → i635

Specifications Order No. P. unit PS

N New product.
Gira System 3000 DALI power control unit, flush-mounted insert




5406 00 1 02

+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

Auxiliary inputs

S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 rot.aux.ins. 3-wire 2389 00	→	258
S2000 aux.unit 2-wire 0333 00	→	280
Rocker btn NO con. 0151 00	→	225

Features

- For switching on/off and adjusting brightness for lights with a DALI interface
- Adjustment of colour temperature for lights with DALI Device Type 8 for Tunable White according to IEC 62386-209.
- Connecting auxiliary units is possible.
- DALI power supply for 18 DALI devices.
- Parallel connection of up to 4 DALI Power control units to supply up to 72 DALI devices.
- Save the minimum brightness, the coolest and warmest colour temperature.
- Switch on with the last brightness/colour temperature set, or a saved brightness/colour temperature.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Power consumption:	max. 2.8 W
DALI rated voltage:	DC 16 V (typ.)
Output current:	max. 36 mA
Number of DALI devices:	max. 18
Number of DALI Power control units that can be connected in parallel:	max. 4
Colour temperature adjustment:	2000 to 10000 K
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	max. 10
Installation depth:	30 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-5 °C to +45 °C



More information

Technical information → [i 647](#)

Specifications Order No. P. unit PS

System 3000 Auxiliary units

N New product.
 Replaces **0333 00**.
System 3000 auxiliary insert, 2-wire

5408 00 1 02

+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326

+ Optional accessories

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
Staircase light timer DRA 0821 00	→	250
S3000 uni.LED dim. DRA 2365 00	→	256
S3000 uni.LED dim. Mini 2440 00	→	255
S3000 uni.LED rot.dimm.ins. Komfort 2455 00	→	251

Features

- Auxiliary unit operation of inserts with auxiliary input from System 3000.
- Operation with System 3000 operating top unit.

Technical data



Rated voltage:	AC 230 V, 50/60 Hz
Cable length to the main unit:	max. 100 m
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-20 °C to +45 °C

More information

Technical information → [i 639](#)

Specifications Order No. P. unit PS

N New product.
Replaces **0335 00**.
System 3000 auxiliary insert, 3-wire

5409 00 1 02

+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 uni.LED dim. DRA 2365 00	→	256
S3000 uni.LED dim. Mini 2440 00	→	255
S3000 uni.LED rot.dimm.ins. Komfort 2455 00	→	251

Features

- Auxiliary unit operation of inserts with auxiliary input from System 3000.
- Operation with suitable operating top unit from System 3000.
- Operation with neutral conductor connection.

Technical data



Rated voltage:	AC 230 V, 50/60 Hz
Standby	
- depends on top unit:	0.1 to 0.5 W
Cable length to the main unit:	max. 100 m
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-20 °C to +45 °C

More information

Technical information → [i639](#)

Specifications Order No. P. unit PS

N New product.
Replaces **1177 00**.
System 3000 rotary auxiliary insert, 3-wire

3-wire 2389 00 1 02

+ Necessary accessories

One of the following articles:

Cov. knob dim. + potentiom. 0650 ..	
- System 55	→ 62
- E22 aluminium	→ 163

+ Optional accessories

S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 uni.LED dim. DRA 2365 00	→	256
S3000 uni.LED dim. Mini 2440 00	→	255
S3000 uni.LED rot.dimm.ins. Komfort 2455 00	→	251

Features

- Rotary auxiliary unit for System 3000 dimmer.
- Operation with neutral conductor connection.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	0.3 W
Cable length to the main unit:	max. 100 m
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073

Connections

- Single-wire: max. 4 mm²
 - Fine-wire without ferrule: max. 4 mm²
 - Fine-wire with ferrule: max. 4 mm²
- Ambient temperature: -5 °C to +45 °C



More information

Technical information → [i640](#)

Specifications Order No. P. unit PS

System 3000 blind controller

N New product.
Replaces **0399 00**.
System 3000 blind controller insert without auxiliary input

5415 00 1 02

+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262

Features

- Control of electrically operated blinds, shutters and awnings.
- An individual intermediate position can be saved together with a top unit.
- Controlling a motor, e.g. to set the end positions, can be done without a top unit.
- Polarity reversal function for the outputs for simplified commissioning as of index I01.
- Operation with neutral conductor connection.

Technical data



Rated voltage:	AC 230 V, 50/60 Hz
Connected load of motors:	700 W
Stand-by mode:	0.2 W to 0.5 W
Installation:	in device box pursuant to DIN 49073
Installation depth:	24 mm
Connections	
- Single-wire:	0.5 to 4 mm ²
- Fine-wire with ferrule:	0.5 to 2.5 mm ²
Ambient temperature:	-5 °C to +45 °C

More information

Technical information → ⓘ 653

Specifications Order No. P. unit PS

N New product.
Replaces **0398 00**.
System 3000 blind controller insert with auxiliary input

5414 00 1 02

+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262

+ Optional accessories

Auxiliary inserts

S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	259
Blind rocker sw. 0159 00	→	324
Blind rocker btn 0158 00	→	324
Blind btn/sw. group btn/sw. 1-p 0154 00	→	324
Blind btn/sw. group btn/sw. 2-p 0157 00	→	324
Key btn 1-p 0163 00	→	228
Key sw. 2-p 0144 00	→	325

Water-protected surface-mounted IP44 auxiliary units

Blind sw./btn 1-p in.sp. 0154 30	→	200
Key btn 1-p 0163 30	→	200
Key sw. 2-p 0144 30	→	200

Features

- Control of electrically operated blinds, shutters and awnings.
- Operation as main unit or auxiliary unit.
- Integration in group control or central control can be done via auxiliary inputs.
- Wind alarm locking via auxiliary input.
- An individual intermediate position can be saved together with a top unit.
- Controlling a motor, e.g. to set the end positions, can be done without a top unit.
- Polarity reversal function for the outputs for simplified commissioning as of index I01.
- Operation with neutral conductor connection.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Connected load of motors:	700 W
Standby mode:	0.2 W to 0.5 W
Installation:	in device box pursuant to DIN 49073
Installation depth:	24 mm
Connections	
- Single-wire:	0.5 to 4 mm ²
- Fine-wire with ferrule:	0.5 to 2.5 mm ²
Ambient temperature:	-5 °C to +45 °C

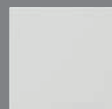
More information

Technical information → ⓘ 596

Specifications Order No. P. unit PS

System 3000 system top units

N New product.
Replaces 0634 ..., 2324 ..., 2316 ...
System 3000 operating top unit



System 55

cream white glossy	5360 01	1	02
pure white glossy	5360 03	1	02
pure white matt	5360 27	1	02
anthracite	5360 28	1	02
colour aluminium	5360 26	1	02
black matt	5360 005	1	02
stainless steel	5360 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	5360 203	1	02

+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

Technical data

Ambient temperature: -20 °C to +45 °C

Specifications Order No. P. unit PS

N New product.
Replaces 0634 ..., 2324 ..., 2316 ...
System 3000 operating top unit arrow symbols



System 55

cream white glossy	5361 01	1	02
pure white glossy	5361 03	1	02
pure white matt	5361 27	1	02
anthracite	5361 28	1	02
colour aluminium	5361 26	1	02
black matt	5361 005	1	02
stainless steel	5361 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	5361 203	1	02

+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

Technical data

Ambient temperature: -20 °C to +45 °C

N New. Available from 05/2019.
Replaces 2315 ...
System 3000 operating top unit 2-gang



System 55

cream white glossy	5362 01	1
pure white glossy	5362 03	1
pure white matt	5362 27	1
anthracite	5362 28	1
colour aluminium	5362 26	1
black matt	5362 005	1
stainless steel	5362 600	1

Gira F100

pure white glossy	5362 112	1
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+ Necessary accessories

One of the following articles:



S3000 relay swit.ins. 2-g 5404 00	→	248
S3000 uni.LED-dimm.ins. Komfort 2-g 5402 00	→	254
S3000 aux.ins. 3-wire 5409 00	→	258

Technical data

Ambient temperature: -20 °C to +45 °C

Specifications Order No. P. unit PS

N New product.
Replaces **0822 ...**
System 3000 operating top unit Memory

System 55	Order No.	P. unit	PS
cream white glossy	5363 01	1	02
pure white glossy	5363 03	1	02
pure white matt	5363 27	1	02
anthracite	5363 28	1	02
colour aluminium	5363 26	1	02
black matt	5363 005	1	02
stainless steel	5363 600	1	02

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
aluminium **5363 203** 1 02

- + Necessary accessories**
One of the following articles:
- S3000 relay swit.ins. **5403 00** → 248
 - S3000 electr.swit.ins. **5405 00** → 249
 - S3000 uni.LED dimm.ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux.ins. 3-wire **5409 00** → 258
 - S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
 - S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325

+ Optional accessories
S3000 rocker 2-g blank **5369 ..** → 267

- Features**
- Save a time for raising and lowering blinds or a switch-on and switch-off time. In memory mode, these switching times are repeated every 24 hours.
 - The blocking function blocks operation of the auxiliary unit and deactivates memory mode.
 - Adjustable night mode. Status LED and function LED are not lit up continuously.

Technical data
Ambient temperature: -5 °C to +45 °C

Specifications Order No. P. unit PS

N New product.
Replaces **0841 ..., 1175 ...**
System 3000 blind timer and timer Display




System 55	Order No.	P. unit	PS
cream white glossy	5366 01	1	02
pure white glossy	5366 03	1	02
pure white matt	5366 27	1	02
anthracite	5366 28	1	02
colour aluminium	5366 26	1	02
black matt	5366 005	1	02
stainless steel (lacquered)	5366 600	1	02

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
Aluminium (lacquered) **5366 203** 1 02

- + Necessary accessories**
One of the following articles:
- S3000 relay swit.ins. **5403 00** → 248
 - S3000 electr.swit.ins. **5405 00** → 249
 - S3000 uni.LED dimm.ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux.ins. 3-wire **5409 00** → 258
 - S3000 blind ctrl.ins. w/o aux.inputs **5415 00** → 325
 - S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325



- Features**
- Operation via capacitive sensor surface.
 - Fast programming for adopting the current time as the programmed movement time/switching time.
 - Automatic summer/winter time switchover, deactivatable.
 - Switching at sunrise or sunset (astro function) adjustable for 18 countries.
 - Astro time for sunrise and sunset can be individually adjusted by ±2 hours.
 - The blocking function blocks operation of the auxiliary unit and deactivates automatic mode.
 - The display turns off after 2 minutes, permanent display of time is possible.
 - Programming of one raising and one lowering time or two switch-on and switch-off times for each day in week segments Mon-Fri and Sat+Sun.

Technical data
Accuracy ±10 s
Power reserve: Approx. 4 h
Ambient temperature: -5 °C to +45 °C

System 3000
Insert LS...top units

Specifications Order No. P. unit PS

N New product.
Replaces 1308 .., 1309 .., 0385 ...
System 3000 blind timer and timer BT

System 55			
cream white glossy	5367 01	1	02
pure white glossy	5367 03	1	02
pure white matt	5367 27	1	02
anthracite	5367 28	1	02
colour aluminium	5367 26	1	02
black matt	5367 005	1	02
stainless steel	5367 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	5367 203	1	02

+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

+ Optional accessories

S3000 brightn. + temp.sens. BT 5466 02	→	263
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Features

- Manual and time-controlled operation of e.g. blinds, shutters, awnings, lighting or fans.
- Operation and programming with mobile end device (smartphone or tablet) via Bluetooth using the Gira Bluetooth app.
- Operation on System 3000 switching, dimming or blind insert or auxiliary insert 3-wire.

Functions on the top unit

- Operation of hangings and lighting.
- The blocking function blocks operation of the auxiliary unit and deactivates automatic mode.
- Activate/deactivate automatic mode.
- The runtime and an individual intermediate position can be saved using the System 3000 blind controller insert.
- Switch-on brightness of lighting can be saved using System 3000 dimming insert or DALI Power control unit.
- Adjustable night mode. Status LED and function LED are not lit up continuously.

Functions with the Gira Bluetooth app

- Operation of hangings and lighting with status feedback.
- Display the current hanging position or dimmer setting.
- Programming of up to 40 individual switching times.
- Blind or slat positions or switching and dimming values can be stored for each switching time.
- Switching times can be copied to other devices.
- Switching at sunrise or sunset (astro function).
- Astro time can be optimised by determining the location.
- Astro time shift adjustable.
- Random function.
- Automatic date and time refresh when connecting smartphones or tablets.
- Password protection possible for time programs and configuration (as of app version 2).
- Save a hanging position, hanging runtime, slat reversal time.
- Changeover to inverse operation possible for blind inserts.
- Maximum brightness and minimum brightness adjustable for dimming insert.
- **Optional:** Sun protection and twilight function are possible with System 3000 brightness and temperature sensor Bluetooth.

Specifications Order No. P. unit PS

Technical data

Accuracy	
- Per month:	± 10 s
Power reserve:	approx. 4 h
Wireless frequency:	2.402 to 2.480 GHz
Transmission power:	max. 2.5 mW, class 2
Transmission range:	typ. 10 m
Ambient temperature:	-5 °C to +45 °C

Notes

- The time is updated upon connection to the Gira Bluetooth app.

Specifications	Order No.	P. unit	PS
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N New product.
 Replaces **0930 00**.
System 3000 brightness and temperature sensor BT




5466 02 1 02

+ Necessary accessories
 S3000 blind timer + timer BT **5367 ..** → 262

Features

- Sensor for recording brightness and temperature.
- Operation with the System 3000 blind timer and timer BT.
- Transmits the current brightness and temperature value via Bluetooth.
- Expansion of functions for the System 3000 blind timer and timer BT: Sun protection function, dawn and dusk function.
- Battery-operated device.



Technical data

Rated voltage:	DC 3 V
Batteries:	1 x CR 2450N
Brightness measurement:	5 to 80,000 lx
Temperature measurement range:	-5 °C to +55 °C
Wireless frequency:	2.402 to 2.480 GHz
Transmission power:	max. 2.5 mW, class 2
Transmission range:	typ. 10 m
Colour:	Pure white (similar to RAL 9010)
Installation:	for attaching indoors e.g. on window panes
Ambient temperature:	-5 °C to +55 °C
Dimensions in mm	W 56 H 32 D 13

System 3000
inserts, top units

Specifications Order No. P. unit PS

N New product.
Replaces 1300 ...
System 3000 motion detector top unit 1.10 m Standard

System 55			
cream white glossy	5373 01	1	02
pure white glossy	5373 03	1	02
pure white matt	5373 27	1	02
anthracite	5373 28	1	02
colour aluminium	5373 26	1	02
black matt	5373 005	1	02
stainless steel (lacquered)	5373 600	1	02

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
Aluminium (lacquered) **5373 203** 1 02

TX_44			
pure white	5373 66	1	02
anthracite	5373 67	1	02
colour aluminium	5373 65	1	02

- + Necessary accessories**
One of the following articles:
- S3000 relay swit.ins. **5403 00** → 248
 - S3000 electr.swit.ins. **5405 00** → 249
 - S3000 uni.LED dimm.ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux.ins. 3-wire **5409 00** → 258
 - S3000 impulse insert **5410 00** → 249

- Features**
- Automatic switching of lighting, depending on the movement of heat and ambient brightness.
 - Operation with System 3000 switching or dimming insert or 3-wire auxiliary insert.
 - Expansion of the detection range in combination with the 3-wire auxiliary insert.
 - Adjustable brightness threshold.
 - Sensitivity adjustable in four steps.
 - When connecting a System 3000 auxiliary insert with an operating top unit or mechanical button to the main unit, the lighting can be switched on or dimmed for the duration of the delay time.

- With System 3000 dimming insert**
- Switch on with the last brightness set, or a saved switch-on brightness.
 - The switch-on brightness can only be saved permanently via the System 3000 auxiliary insert with operating top unit.

Technical data



Detection angle:	180°
Brightness value	
- adjustable:	approx. 5 to 500 lx
- fixed:	Day mode
Sensitivity:	25, 50, 75, 100%
Protection type	
- System 55, Gira E22, Gira F100:	IP20
- TX_44:	IP44
Delay time:	approx. 2 min fixed
Mounting height up to 1.10 m	
- Range of detection forwards:	max. 32 m
- Range to each side:	max. 19 m
Ambient temperature:	-20 °C to +45 °C

- Notes**
- The detection range is aligned horizontally and when used outdoors may fail to identify a boundary. When installing outdoors, find an appropriate location or use the 2.20 m motion detector top unit.

Specifications Order No. P. unit PS

- Scope of supply**
- Clip-on screen to limit the detection range is included in the scope of delivery.

N New product.
Replaces 0661 ...
System 3000 motion detector top unit 1.10 m Komfort BT

System 55			
cream white glossy	5374 01	1	02
pure white glossy	5374 03	1	02
colour aluminium	5374 26	1	02
pure white matt	5374 27	1	02
anthracite	5374 28	1	02
black matt	5374 005	1	02
stainless steel (lacquered)	5374 600	1	02

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
Aluminium (lacquered) **5374 203** 1 02

TX_44			
pure white	5374 66	1	02
anthracite	5374 67	1	02
colour aluminium	5374 65	1	02

- + Necessary accessories**
One of the following articles:
- S3000 relay swit.ins. **5403 00** → 248
 - S3000 electr.swit.ins. **5405 00** → 249
 - S3000 uni.LED dimm.ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux.ins. 3-wire **5409 00** → 258
 - S3000 impulse insert **5410 00** → 249

- Features**
- Automatic switching of lighting, depending on the movement of heat and ambient brightness.
 - Operation with System 3000 switching or dimming insert or 3-wire auxiliary insert.
 - Expansion of the detection range in combination with the 3-wire auxiliary insert.
 - When connecting a System 3000 auxiliary insert with an operating top unit or mechanical button to the main unit, the lighting can be switched on or dimmed for the duration of the delay time.
 - Device facilitates manual switchover between automatic, always-on and always-off.

- With System 3000 switching insert**
- Short-term operation
- With System 3000 dimming insert**
- Switch on with the last brightness set, or a saved switch-on brightness.
 - The switch-on brightness can only be saved permanently via the System 3000 auxiliary insert with operating top unit.

- Functions with the Gira Bluetooth app**
- Set the brightness threshold.
 - Individually adjustable sensitivity of the two sensors (0, 25, 50, 75, 100 %).
 - Set the delay time.
 - Override functions: Automatic mode, permanently on/off, time-limited on/off for 0.5 to 5 hours.
 - Occupied-home simulation.
 - Switch-off pre-warning.
 - Day mode.
 - Walking test.
 - Switch on with the last brightness set, or a saved switch-on brightness in combination with a dimming insert.

Specifications	Order No.	P. unit	PS
Technical data			
Detection angle:	180°		
Brightness value			
- adjustable:	approx. 5 to 500 lx		
- fixed:	Day mode		
Sensitivity:	0, 25, 50, 75, 100 %		
Protection type			
- System 55, Gira E22, Gira F100:	IP20		
- TX_44:	IP44		
Delay time:	10 s bis 60 min		
Mounting height up to 1.10 m			
- Range of detection forwards:	max. 32 m		
- Range to each side:	max. 19 m		
Transmission power:	max. 2.5 mW, class 2		
Transmission range:	typ. 10 m		
Ambient temperature:	-20 °C to +45 °C		



Notes

- The detection range is aligned horizontally and when used outdoors may fail to identify a boundary. When installing outdoors, find an appropriate location or use the 2.20 m motion detector top unit.

Scope of supply

- Clip-on screen to limit the detection range is included in the scope of delivery.

N New product.
Replaces 1301 ...
System 3000 motion detector top unit 2.20 m Standard

System 55

cream white glossy	5375 01	1	02
pure white glossy	5375 03	1	02
pure white matt	5375 27	1	02
anthracite	5375 28	1	02
colour aluminium	5375 26	1	02
black matt	5375 005	1	02
stainless steel (lacquered)	5375 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

Aluminium (lacquered)	5375 203	1	02
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TX_44

pure white	5375 66	1	02
anthracite	5375 67	1	02
colour aluminium	5375 65	1	02

+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249


Specifications	Order No.	P. unit	PS
Features			
- Automatic switching of lighting, depending on the movement of heat and ambient brightness.			
- Operation with System 3000 switching or dimming insert or 3-wire auxiliary insert.			
- Expansion of the detection range in combination with the 3-wire auxiliary insert.			
- Adjustable brightness threshold.			
- Sensitivity adjustable in four steps.			
- When connecting a System 3000 auxiliary insert with an operating top unit or mechanical button to the main unit, the lighting can be switched on or dimmed for the duration of the delay time.			
With System 3000 dimming insert			
- Switch on with the last brightness set, or a saved switch-on brightness.			
- The switch-on brightness can only be saved permanently via the System 3000 auxiliary insert with operating top unit.			

Technical data

Detection angle:	180°
Brightness value	
- adjustable:	approx. 5 to 500 lx
- fixed:	Day mode
Sensitivity:	25, 50, 75, 100%
Protection type	
- System 55, Gira E22, Gira F100:	IP20
- TX_44:	IP44
Delay time:	approx. 2 min fixed
Mounting height of 2.20 m	
- Range of detection forwards:	max. 15 m
- Range to each side:	Max. 10 m
Mounting height up to 1.10 m	
- Range of detection forwards:	Max. 10 m
- Range to each side:	max. 9 m
Ambient temperature:	-20 °C to +45 °C

Specifications Order No. P. unit PS

N New product.
Replaces 0671 ...
**System 3000 motion detector top unit 2.20 m
Komfort BT**




System 55			
cream white glossy	5376 01	1	02
pure white glossy	5376 03	1	02
pure white matt	5376 27	1	02
anthracite	5376 28	1	02
colour aluminium	5376 26	1	02
black matt	5376 005	1	02
stainless steel (lacquered)	5376 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
Aluminium (lacquered)	5376 203	1	02

TX_44			
pure white	5376 66	1	02
anthracite	5376 67	1	02
colour aluminium	5376 65	1	02

+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249

Features

- Automatic switching of lighting, depending on the movement of heat and ambient brightness.
- Operation with System 3000 switching or dimming insert or 3-wire auxiliary insert.
- Expansion of the detection range in combination with the 3-wire auxiliary insert.
- When connecting a System 3000 auxiliary insert with an operating top unit or mechanical button to the main unit, the lighting can be switched on or dimmed for the duration of the delay time.
- Device facilitates manual switchover between automatic, always-on and always-off.

With System 3000 switching insert

- Short-term operation.

With System 3000 dimming insert

- Switch on with the last brightness set, or a saved switch-on brightness.
- The switch-on brightness can only be saved permanently via the System 3000 auxiliary insert with operating top unit.

Functions with the Gira Bluetooth app

- Set the brightness threshold.
- Individually adjustable sensitivity of the two sensors (0, 25, 50, 75, 100 %).
- Set the delay time.
- Override functions: Automatic mode, permanently on/off, time-limited on/off for 0.5 to 5 hours.
- Occupied-home simulation.
- Switch-off pre-warning.
- Day mode.
- Walking test.
- Switch on with the last brightness set, or a saved switch-on brightness in combination with a dimming insert.

Specifications Order No. P. unit PS

Technical data

Detection angle:	180°
Brightness value	
- adjustable:	approx. 5 to 500 lx
- fixed:	Day mode
Sensitivity:	0, 25, 50, 75, 100%
Protection type	
- System 55, Gira E22, Gira F100:	IP20
- TX_44:	IP44
Delay time:	approx. 10 s to 60 min
Mounting height of 2.20 m	
- Range of detection forwards:	max. 15 m
- Range to each side:	Max. 10 m
Mounting height up to 1.10 m	
- Range of detection forwards:	Max. 10 m
- Range to each side:	max. 9 m
Transmission power:	max. 2.5 mW, class 2
Transmission range:	typ. 10 m
Ambient temperature:	-20 °C to +45 °C

Specifications Order No. P. unit PS

N New product.
Replaces 2270 02, 2270 04, 0317 02 and 0317 04.
System 3000 presence and motion detector 360° top unit BT




pure white **5377 02** 1 02

+ Necessary accessories

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249

+ Optional accessories

SM hous. pres.detec. 0086 02	→	310
Prot.cage 2116 00	→	309

Features

- Automatic switching of lighting, depending on the movement of heat and ambient brightness.
- Operation with System 3000 switching or dimming insert or 3-wire auxiliary insert.
- Expansion of the detection range in combination with the 3-wire auxiliary insert.
- Operation with auxiliary insert, 2-wire, 3-wire or mechanical button.
- Covering panel to limit the detection range.
- Ceiling mounting on System 3000 flush-mounted insert.

Functions with the Gira Bluetooth app

- Set the device as a presence detector or motion detector.
- Set the brightness threshold.
- Set the sensitivity of the three PIR sensors.
- Set the delay time.
- Override functions: Automatic mode, permanently on/off, time-limited on/off for 0.5 to 5 hours.
- Occupied-home simulation.
- Day mode.
- Walking test.
- Switch-off pre-warning.

With System 3000 switching insert

- Short-term operation.

With System 3000 dimming insert



- Constant light control.
- Switch on with the last brightness set, or a saved switch-on brightness.
- The switch-on brightness can only be saved permanently via the System 3000 auxiliary insert with operating top unit and the Gira Bluetooth app.

Specifications Order No. P. unit PS

Technical data

Detection angle:	360°
Mounting height	
- minimum:	2.20 m
- maximum for motion detector:	6.00 m
- maximum for presence detector:	3.50 m
Detection range for mounting height 2.20 m	
- Presence detector:	Ø max. 3.50 m
Detection range for mounting height 3 m	
- Motion detector:	Ø max. 20 m
- Presence detector:	Ø max. 8 m
Sensitivity:	0, 25, 50, 75, 100%
Brightness threshold	
- Motion detector:	approx. 5 to 500 lx (and day mode)
- Presence detector:	approx. 5 to 1000 lx (and day mode)
Short-term operation	
- Pulse duration:	approx. 0.5 s
- Pulse pause:	approx. 3 s
Transmission range:	typ. 10 m
Transmission power:	max. 2.5 mW, class 2
Ambient temperature:	-5 °C to +45 °C
Dimensions in mm	Ø 103 H 66

N New product.
System 3000 rocker, 2-gang, unprinted

System 55

cream white glossy	5369 01	1	02
pure white glossy	5369 03	1	02
pure white matt	5369 27	1	02
anthracite	5369 28	1	02
colour aluminium	5369 26	1	02
black matt	5369 005	1	02
stainless steel	5369 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

aluminium	5369 203	1	02
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+ Optional accessories

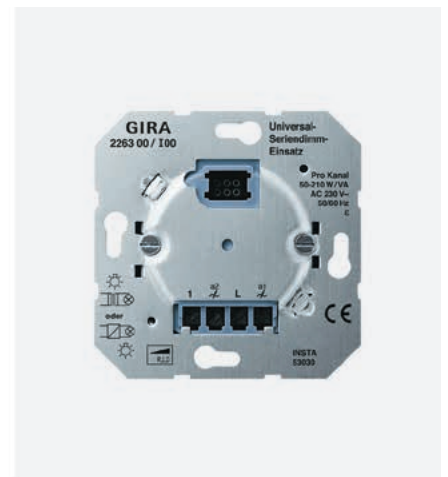
S3000 op.top Memory 5363 ..	→	261
S3000 blind timer + timer BT 5367 ..	→	262

Features

- Unprinted rocker switches for replacing the original rockers with printed symbols.
- Universally usable for either left or right rocker.

System 3000 insert LS... top units

System 2000 dimming inserts	275
System 2000 switch inserts	277
System 2000 Staircase lighting control	279
System 2000 auxiliary inserts	280
Universal Dimmer	281
LED dimmer	282
Light bulb dimmer	283
LV dimmer	284
Control Unit, 1 – 10 V	284
DALI	286



For all Gira design lines

The Gira range offers flush-mounted inserts and other accessories for switching and dimming. Inserts are supplied without covers or top units. Please order those separately. This corresponds to the modular principle for all electronics products.



Versatile manual lighting control

There are various operating top units for manual lighting control in the Gira design lines. Apart from rocker and pushbutton switches, suitable also for series connection, there are touch dimmer and series dimmer top units for convenient lighting control. The Gira System 2000 touch dimmer top unit responds to a light touch as it works with capacitive sensor technology. The Gira series dimmer switches and dims light sources such as light bulbs and HV or NV halogen lamps.



Controlling systems wirelessly

The Gira eNet system includes operating top units and transmitters for wirelessly programming and operating individual lights or blinds as well as complex light scenes or entire groups of blinds.



System 2000 dimming inserts
→ 275



System 2000 switch inserts
→ 277



System 2000 Staircase lighting control
→ 279



System 2000 auxiliary units
→ 280



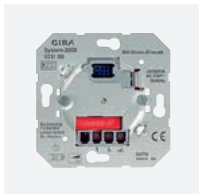
Universal Dimmer
→ 281



LED dimmer
→ 282



Light bulb dimmer
→ 283



LV dimmer
→ 284



Control Unit,
1 – 10 V
→ 284

















DALI
→ 286

System 2000
inserts, top units

System 2000

System 2000
inserts, top units

		System 2000 inserts				
						
		Triac switching insert Light bulbs, HV halogen, LV halogen with coil transformer 40 to 400 W/VA → 277	Tronic switching insert Light bulbs, HV halogen, LV halogen with Gira Tronic transformer 50 to 420 W → 277	Relay insert Light bulbs, fluorescent lamps, halogen lamps ≤ 2300 W → 278	Relay insert zero-voltage Light bulbs, HV halogen ≤ 800 W → 278	
Order no.		0854 00	0866 00	0853 00	1148 00	
	Automatic control switch, Standard top unit Mounting height up to 1.10 m Mounting height up to 2.20 m → 306/372	<input checked="" type="checkbox"/> 1300.. <input checked="" type="checkbox"/> 1301 4.	Switching	Switching	Switching	Switching
	Automatic control switch, Komfort top unit Mounting height up to 1.10 m Mounting height up to 2.20 m → 306/372	<input checked="" type="checkbox"/> 0661.. <input checked="" type="checkbox"/> 0671 4.	Switching	Switching	Switching	Switching
	Automatic control switch 2, Standard top unit → 307	<input checked="" type="checkbox"/> 2301..	Switching	Switching	Switching	Switching
	Automatic control switch 2, Komfort top unit → 308	<input checked="" type="checkbox"/> 2302..	Switching	Switching	Switching	Switching
	Presence detector, Komfort top unit → 309	0317..	Switching	Switching	Switching	Switching
	Automatic control switch 360° top unit → 308	2270..	Switching	Switching	Switching	Switching
	Switching/dimming top unit → 62/151/183	2316..	Switching	Switching	Switching	Switching
	Touch dimming top unit → 63/152	2260..				
	Touch switching top unit → 53/148	2261..	Switching	Switching	Switching	Switching
	Wireless switching/dimming top unit Gira eNet, → 554	5490..	Switching	Switching	Switching	Switching

For a mounting height of up to 1.10 m with purely horizontally-aligned detection area, which means it doesn't have its own range limitation outdoors

For mounting height up to 2.20 m with angled, vertically-aligned detection area








To use top units for automatic control switches and presence detectors on flush-mounted inserts from System 2000, these inserts have to have a release version of R2 or higher.

Use with the System 2000 impulse insert 0336 00 requires at least release version R3 for the top units of the automatic control switches and presence detectors.

Within the scope of the options described above and under observance of the permissible number of auxiliary units, the System 2000 inserts and top units can be freely combined to realise an extended, automatic lighting system.

① Use as HVAC switch:
Channel 1 is switched on depending on the ambient brightness when motion is detected. When motion is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.

Channel 2 is switched on directly or time-delayed when there is motion in the detection field. The

 <p>HVAC relay insert with 2 relays for switching lights, heating or ventilation, for example Channel 1: ≤ 1000 W Channel 2: ≤ 800 W → 278</p> <p>0303 00</p>	 <p>Universal LED dimming insert Light bulbs, HV halogen lamps, HV LED lamps, type 3 up to 100 W, energy-saving lamps type 7 up to 100 W → 275</p> <p>2385 00</p>	 <p>LV dimming insert Light bulbs, HV halogen, LV halogen with coil transformer 20 to 500 VA → 276</p> <p>0331 00</p>	 <p>Control unit insert 1–10 V for switching and dimming electronic ballasts and Gira Tronic transformers with 1 to 10 V interface ≤700 W, ≤50 mA → 276</p> <p>0860 00</p>	 <p>Impulse insert with staircase-light automatic control switch → 279</p> <p>0336 00 0821 00</p>	 <p>Auxiliary insert* for presence detectors and automatic control switches (3-wire) → 281</p> <p>0335 00*</p>	 <p>Auxiliary insert* (2-wire) → 280</p> <p>0333 00*</p>
①	Switching ^{a)}	Switching ^{a)}	Switching ^{a)}	Switching on	Switching on ^{b)}	
①	Switching Dimming	Switching Dimming	Switching Dimming	Switching on	Switching on ^{b)}	
①	Switching ^{a)}	Switching ^{a)}	Switching ^{a)}	Switching on	Switching on ^{b)}	
①	Switching Dimming	Switching Dimming	Switching Dimming	Switching on	Switching on ^{b)}	
①	Switching Dimming Constant light control	Switching Dimming Constant light control	Switching Dimming Constant light control	Switching on	Switching on ^{b)}	
①	Switching Dimming	Switching Dimming	Switching Dimming	Switching on	Switching on ^{b)}	
②	Switching Dimming	Switching Dimming	Switching Dimming	Switching on		Switching Dimming Memory
	Switching Dimming	Switching Dimming	Switching Dimming			
②						
②	Switching Dimming	Switching Dimming	Switching Dimming			

The ambient brightness does not influence the switching of Channel 2. When motion is no longer detected, the channel is switched off when the delay time set in the insert expires.

② Use as delay switch: Channel 1 is switched on or off without delay upon operation.

Channel 2 is switched on or off time-delayed depending on Channel 1.

a) Standard top units only carry out switching functions, even on dimming inserts.

b) On an auxiliary insert, the brightness setpoint value and the delay time of the top unit are not evaluated.

*The function of the auxiliary unit (switching/dimming) depends on which main unit insert is used.

Combination options for System 2000

Main unit

Insert

Universal LED dimming insert
2385 00 | → 275

Low-voltage dimming insert
0331 00 | → 276

Control unit insert 1-10 V
0860 00 | → 276

Tronic switching insert
0866 00 | → 277

Triac switching insert
0854 00 | → 277

Relay insert
0853 00 | → 278

HVAC relay insert
0303 00 | → 278

Zero-voltage relay insert
1148 00 | → 278

Top unit

Top unit for switching and dimming
2316.. | → 62/151/183

Touch dimming top unit
2260.. | → 63/152

Touch switching top unit
2261.. | → 53/148

Wireless top unit
5490.. | → 554

Presence detector, Komfort top unit
0317.. | → 309

Automatic control switch 360° top unit
2270.. | → 308

Automatic control switch, Standard top unit
☐ 1300.. | → 306
☑ 1301 4. | → 372

Komfort top unit
☐ 0661.. | → 306
☑ 0671 4. | → 372

Automatic control switch 2, Standard top unit
☑ 2301.. | → 307

Komfort top unit
☑ 2302.. | → 308

Auxiliary unit

Insert

Auxiliary insert, 2-wire
0333 00 | → 280

Mechanical button, NO contact, 1-pole
0151 00 | → 225

Auxiliary insert, 2-wire
0333 00 | → 280

Auxiliary insert, 3-wire
0335 00 | → 281

Mechanical button NO contact, 1-pole
0151 00 | → 225

Top unit

Top unit for switching and dimming
2316.. | → 62/151/183

Presence detector, Komfort top unit
0317.. | → 309

Automatic control switch 360° top unit
2270.. | → 308

Automatic control switch, Standard top unit
☐ 1300.. | → 306
☑ 1301 4. | → 372

Komfort top unit
☐ 0661.. | → 306
☑ 0671 4. | → 372

Automatic control switch 2, Standard top unit
☑ 2301.. | → 307

Komfort top unit
☑ 2302.. | → 308

DRA

System 2000 staircase light timer
0821 00 | → 250

Insert

Impulse insert
0336 00 | → 279

Mechanical button, NO contact, 1-pole
0151 00 | → 225

Top unit

Top unit for switching and dimming
2316.. | → 62/151/183

Presence detector, Komfort top unit
0317.. | → 309

Automatic control switch 360° top unit
2270.. | → 308

Automatic control switch, Standard top unit
☐ 1300.. | → 306
☑ 1301 4. | → 372

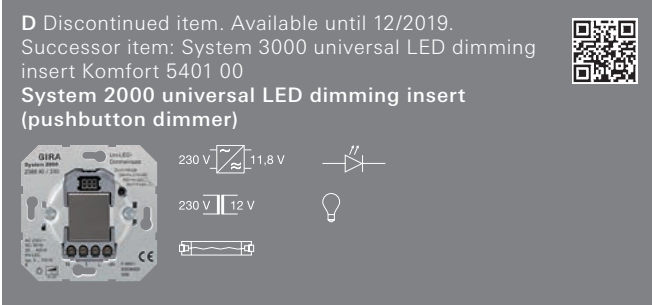
Komfort top unit
☐ 0661.. | → 306
☑ 0671 4. | → 372

Automatic control switch 2, Standard top unit
☑ 2301.. | → 307

Komfort top unit
☑ 2302.. | → 308

☐ Automatic control switch top unit
Mounting height up to 1.10 m

☑ Automatic control switch top unit
Mounting height up to 2.20 m

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
System 2000 dimming inserts				Technical data			
<p>D Discontinued item. Available until 12/2019. Successor item: System 3000 universal LED dimming insert Komfort 5401 00 System 2000 universal LED dimming insert (pushbutton dimmer)</p> 				Rated voltage: AC 230 V, 50/60 Hz Standby: max. 0.5 W Connected load at 25 °C - HV LED lamps (leading edge): typ. 3 to 100 W - HV LED lamps (trailing edge): typically 3 to 200 W - Compact fluorescent lamp: typ. 3 to 100 W - Light bulbs: 20 to 420 W - HV halogen lamps: 20 to 420 W - Gira tronic transformers: 20 to 420 W - electronic transformer with NV-LED: typically 20 to 100 W - Wound transformer: 20 to 420 VA - Wound transformer with NV-LED: typically 20 to 100 VA Auxiliary inputs - Non-illuminated mechanical buttons: unlimited - Auxiliary insert, 2-wire: unlimited - Auxiliary insert, 3-wire: 5 Cable length - Auxiliary unit: max. 100 m - Load: max. 100 m Installation depth: 22 mm Connections - Single-wire: max. 4 mm ² - Fine-wire without ferrule: max. 4 mm ² - Fine-wire with ferrule: max. 2.5 mm ² Ambient temperature: +5 °C to +45 °C			
3 – 420 W/VA	2385 00	1/5	02	Notes			
+ Necessary accessories				- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering. - For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W. - In combination with power boosters, do not hook up HV-LED or compact fluorescent lamps. - Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer. - If the ambient temperature is higher than 25 °C, the connected load must be reduced.			
One of the following articles: Switching and dimming top units System 2000 swit./dimm. top 2316 .. - System 55 → 62 - E22 aluminium → 164 System 2000 touch dimm.top 2260 .. - System 55 → 63 - E22 aluminium → 164 Gira eNet WL swit./dimm. top 1-g 5490 .. → 554 Automatic light control top units Auto.ctrl.sw. Standard 1.10m 1300 .. → 306 Auto.ctrl.sw. 2 Standard 2.20m 2301 .. → 307 Auto.ctrl.sw. Komfort 1.10 m 0661 .. → 306 Auto.ctrl.sw. 2 Komfort 2.20 m 2302 .. → 308 Auto.ctrl.sw. 360° 2270 .. → 308 Pres.detec.Komfort top 0317 .. → 309							
+ Optional accessories							
Auxiliary unit							
S2000 aux.unit 2-wire 0333 00		→	280				
S2000 aux.unit 3-wire 0335 00		→	281				
Compensation mod. LED 2375 00		→	283				
Features							
- Universal LED dimming insert for switching and dimming of light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps. - Automatic or manual setting of dimming principle according to load (leading or trailing edge). - Display of the selected operating mode using LED. - Bulb-saving switch-on. - Switch-on brightness can be saved permanently. - Minimum brightness can be set. - Connecting auxiliary units is possible. - Electronic short-circuit protection. - Electronic excess-temperature protection. - Operation with and without neutral conductor connection.							

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Successor item: System 3000 universal LED dimming insert Standard 5400 00

System 2000 LV dimming insert (pushbutton dimmer)


20 – 500 VA **0331 00** 1/5 02**+ Necessary accessories**See listing at
S2000 uni.LED dimm.ins. (PB dim.) **2385 00** → 275**+ Optional accessories****Auxiliary inputs**S2000 aux.unit 3-wire **0335 00** → 281
S2000 aux.unit 3-wire **0335 00** → 281**Fuse**Fuse T 2 H 250 V **049806** → 233**Features**

- For switching and dimming of light bulbs, HV halogen lamps and dimmable inductive transformers with halogen lamps.
- Auxiliary operation is possible.
- Bulb-saving switch-on.
- Short-circuit protection using micro-fuse.
- Automatic excess-temperature protection.
- Double-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Saving of a switch-on dimming value (also using auxiliary unit).
- Power extension using up to 10 power boosters.

Technical data

Rated voltage: AC 230 V, 50/60 Hz

Connected load at 25 °C

- Light bulbs: 20 to 500 VA
- HV halogen lamps: 20 to 500 VA
- Dimmable wound transformers: 20 to 500 VA
- Mixed load: 20 to 500 VA

Auxiliary inputs

- Non-illuminated mechanical buttons: unlimited
- Auxiliary insert, 2-wire: unlimited
- Auxiliary insert, 3-wire: unlimited

Cable length of auxiliary unit: max. 100 m

Installation depth: 32 mm

Ambient temperature: -20 °C to +45 °C

Notes

- If the ambient temperature is higher than 25 °C, the connected load must be reduced.


More information

Technical information → ⓘ 638

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.

System 2000 control unit insert 1 – 10 V


0860 00 1/5 02**+ Necessary accessories**See listing at
S2000 uni.LED dimm.ins. (PB dim.) **2385 00** → 275**+ Optional accessories****Auxiliary inputs**S2000 aux.unit 2-wire **0333 00** → 280
S2000 aux.unit 3-wire **0335 00** → 281**Features**

- 1 – 10 V control unit for switching and dimming electronic ballasts or Gira Tronic transformers with 1 – 10 V interface.
- Setting the basic brightness.
- Saving of a switch-on dimming value (also using auxiliary unit).
- Double-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Multi-phase connection is possible.

Technical data

Rated voltage: AC 230 V, 50/60 Hz

Connection: N conductor required

Switching contact: Relay contact subject to mains potential

Connected load of switching contact at 25 °C

- Light bulbs (switching only) : 700 W
- Gira Tronic transformer: 700 W
- Electronic ballasts: type dependent

1 – 10 V interface

- Control voltage: 0.5 to 10 V

- Control current: max. 50 mA

Cable length

- Auxiliary unit: max. 100 m

- Load: max. 100 m

Connections

- Mains connection: max. 4 mm²- 1-10 V interface: 1.5 mm²

Auxiliary inputs

- Non-illuminated mechanical buttons: unlimited

- Auxiliary insert, 2-wire: unlimited

- Auxiliary insert, 3-wire: unlimited

Installation depth: 32 mm

Ambient temperature: +5 °C to +45 °C

Notes

- Electronic ballasts generate very high current spikes. For this reason, use a switch-on current limiter or a separate load contact for with greater loads.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

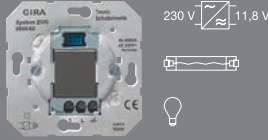
More information

Technical information → ⓘ 648

Specifications Order No. P. unit PS

System 2000 switch inserts

D Discontinued item. Available until 12/2019.
Successor item: System 3000 electronic switching insert 5405 00
System 2000 Tronic switching insert



50 – 420 W **0866 00** 1/5 02

+ Necessary accessories

One of the following articles:

Top units for switching

- System 2000 swit./dim. top **2316 ..**
- System 55 → 62
- E22 aluminium → 164
- System 2000 touch swit.top **2261 ..**
- System 55 → 53
- E22 aluminium → 160
- Gira eNet WL swit./dim. top 1-g **5490 ..** → 554
- Automatic light control top units**
- Auto.ctrl.sw. Standard 1.10m **1300 ..** → 306
- Auto.ctrl.sw. 2 Standard 2.20m **2301 ..** → 307
- Auto.ctrl.sw. Komfort 1.10 m **0661 ..** → 306
- Auto.ctrl.sw. 2 Komfort 2.20 m **2302 ..** → 308
- Auto.ctrl.sw. 360° **2270 ..** → 308
- Pres.detec.Komfort top **0317 ..** → 309

+ Optional accessories

- Compensation mod. LED **2375 00** → 283
- Auxiliary inputs**
- S2000 aux.unit 2-wire **0333 00** → 280
- S2000 aux.unit 3-wire **0335 00** → 281

Features

- Flush-mounted insert for **switching** light bulbs and Gira Tronic transformers with 2-wire connection technology.
- Limitation of the switch-on current.
- Auxiliary operation is possible.

Technical data

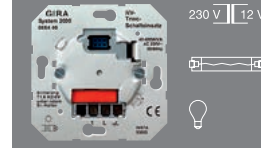
Circuit breaker:	MOS-FET
Rated voltage:	AC 230 V, 50/60 Hz
Connected load	
- Light bulbs:	50 to 420 W
- HV halogen lamps:	50 to 420 W
- Gira Tronic transformer:	50 to 420 W
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	
Cable length of auxiliary unit:	max. 100 m
Installation depth:	32 mm
Ambient temperature:	-20 °C to +45 °C

Notes

- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Successor item: System 3000 electronic switching insert 5405 00
System 2000 Triac switching insert



40 – 400 W/VA **0854 00** 1/5 02

+ Necessary accessories

- See listing at
- System 2000 Tronic switching insert → 277

+ Optional accessories

Auxiliary inputs

- S2000 aux.unit 2-wire **0333 00** → 280
- S2000 aux.unit 3-wire **0335 00** → 281

Fuse

- Fuse T 1.6 H 250 V **049727** → 233

Features

- The Triac switching insert is an electronic switch used for **switching** light bulbs and wound transformers with 2-wire connection technology.
- Limitation of the switch-on current.
- Short-circuit protection using micro-fuse.
- Auxiliary operation is possible.

Technical data

Circuit breaker:	Triac
Rated voltage:	AC 230 V, 50/60 Hz
Connected load	
- Light bulbs:	40 to 400 W
- HV halogen lamps:	40 to 400 W
- wound transformer with at least 85 % rated load:	40 to 400 VA
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	
Cable length of auxiliary unit:	max. 100 m
Installation depth:	32 mm
Ambient temperature:	-20 °C to +45 °C



Notes

- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Successor item: System 3000 relay switching insert 5403 00

System 2000 relay insert

230 V 12 V

230 V 11.8 V

0853 00 1/5 02

+ Necessary accessories

See listing at
System 2000 Tronic switching insert → 277

+ Optional accessories

Auxiliary inputs
S2000 aux.unit 2-wire **0333 00** → 280
S2000 aux.unit 3-wire **0335 00** → 281

Features



- Relay insert for switching electrical devices in 3-wire connection technology (N conductor required).
- Light bulbs, HV halogen lamps, LV halogen lamps with conventional transformers, LV halogen lamps with Gira Tronic transformers, fluorescent lamps, LED lamps.
- Auxiliary operation is possible.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Connection:	N conductor required
Connected load	
- Light bulbs:	2300 W
- HV halogen lamps:	2300 W
- wound transformer with at least 85 % rated load:	1000 VA
- Gira Tronic transformer:	1500 W
- Fluorescent lamps, uncompensated:	1200 VA
- Fluorescent lamps, duo-circuit:	2300 VA
- Fluorescent lamps, parallel-compensated:	920 VA
- HV LED, typ.:	400 W
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	unlimited
Cable length of auxiliary unit:	max. 100 m
Installation depth:	22 mm
Ambient temperature:	-20 °C to +45 °C

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
System 2000 zero-voltage relay insert

1148 00 1/5 02

+ Necessary accessories

See listing at
System 2000 Tronic switching insert → 277

+ Optional accessories

Auxiliary inputs
S2000 aux.unit 2-wire **0333 00** → 280
S2000 aux.unit 3-wire **0335 00** → 281

Features

- Relay insert for zero-voltage switching of electrical devices in 3-wire connection technology (N conductor required).
- Light bulbs, HV halogen lamps, LED lamps.
- Auxiliary operation is possible.



Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Connection:	N conductor required
Connected load	
- Light bulbs:	800 W
- HV halogen lamps:	750 W
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	unlimited
Cable length of auxiliary unit:	max. 100 m
Installation depth:	32 mm
Ambient temperature:	+5 °C to +45 °C

More information

Technical information → i 645

D Discontinued item. Available until 12/2019.
System 2000 HVAC relay insert

0303 00 1/100 02

+ Necessary accessories

See listing at
System 2000 Tronic switching insert → 277

+ Optional accessories

Auxiliary inputs
S2000 aux.unit 2-wire **0333 00** → 280
S2000 aux.unit 3-wire **0335 00** → 281

Features

- The HVAC relay insert has a non-isolated 230 V switching channel (Channel 1) for switching the lighting and another switching channel (zero-voltage Channel 2) for switching a second mains phase (no SELV voltage), e.g. for a fan or a heater.
- Delay time of Channel 2 can be set to one of five levels.
- The functionality of the HVAC relay insert depends on the top unit used.

System 2000 inserts, top units

Specifications	Order No.	P. unit	PS
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Function as a delay switch:

- This function is achieved e.g. with a System 2000 top unit for switching and dimming or with a radio top unit for switching and dimming.
- Channel 1 is switched on or off during operation without delay.
- Channel 2 is switched on or off time-delayed depending on Channel 1.

Function as a HVAC switch:

- This function is achieved with a System 2000 Comfort automatic control switch top unit or System 2000 Standard presence detector top unit.
- Channel 1 is switched on depending on the ambient brightness when motion is detected. When motion is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.
- Channel 2 is switched on immediately or time-delayed when there is motion in the detection field. The ambient brightness does not affect the switching of Channel 2. When motion is no longer detected, the channel is switched off when the delay time set in the insert expires.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Connection:	N conductor required
Connected load of Channel 1	
- Light bulbs:	1000 W
- HV halogen lamps:	1000 W
- Wound transformer:	750 VA
- Gira Tronic transformer:	750 W
- Fluorescent lamps, uncompensated:	500 VA
Connected load of Channel 2	
- Light bulbs:	800 W
- HV halogen lamps:	750 W
- Motors:	450 VA
Channel 1	
- Ohmic switching current:	10 A
- Switch-on current max. 4 s for switch-on duration of 10 %:	15 A
- Minimum switching current AC:	100 mA
Channel 2	
- Switching voltage:	AC 230 V
- Minimum switching voltage:	AC 12 V
- Switching current for AC 230 V, ohmic:	6 A
- Switch-on current:	max. 2.1 A
- Minimum switching current AC:	100 mA
Delay time of Channel 2:	2, 10, 30, 60, 120 min
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	unlimited
Cable length of auxiliary unit:	max. 100 m
Installation depth:	32 mm
Connections	
- Channel 1:	max. 4 mm ²
- HVAC:	
Ambient temperature:	+5 °C to +45 °C

More information

Technical information

→ [i 643](#)

Specifications	Order No.	P. unit	PS
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System 2000 Staircase lighting control

D Discontinued item. Available until 12/2019.
Successor item: System 3000 impulse insert 5410 00
System 2000 impulse insert



0336 00	1/25	02
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+ Necessary accessories**Staircase light timer**

Staircase light timer DRA 0821 00	→	280
--	---	-----

One of the following articles:**Top units for switching**

System 2000 swit./dimm. top 2316 ..		
--	--	--

- System 55	→	62
- E22 aluminium	→	164

Automatic light control top units

Auto.ctrl.sw. Standard 1.10m 1300 ..	→	306
Auto.ctrl.sw. 2 Standard 2.20m 2301 ..	→	307
Auto.ctrl.sw. Komfort 1.10 m 0661 ..	→	306
Auto.ctrl.sw. 2 Komfort 2.20 m 2302 ..	→	308
Auto.ctrl.sw. 360° 2270 ..	→	308
Pres.detec.Komfort top 0317 ..	→	309

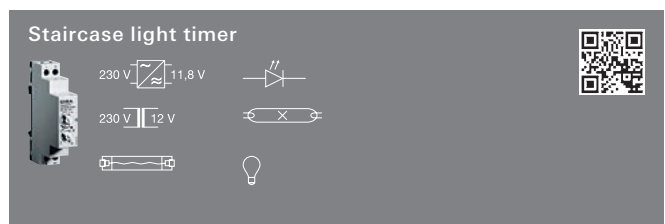
Features

- The System 2000 impulse insert is operated in combination with System 2000 automatic control switches, presence detectors Komfort, or top units for switching and dimming.
- The insert actuates a staircase light timer (power section).

Technical data

Rated voltage:	AC 230 V, 50 Hz
Current consumption:	approx. 2.5 mA
Installation depth:	32 mm
Connections	
- maximum:	4 mm ²
Ambient temperature:	+5 °C to +45 °C

Specifications Order No. P. unit PS



DRA 0821 00 1 02

+ Necessary accessories

One of the following articles:
S2000 impulse ins. **0336 00** → 279
S3000 impulse insert **5410 00** → 249

+ Optional accessories

One of the following articles:
Rocker btn NO con. **0151 00** → 225
S2000 aux.unit 2-wire **0333 00** → 280
S3000 aux.ins. 2-wire **5408 00** → 257
S3000 impulse insert **5410 00** → 249

Features

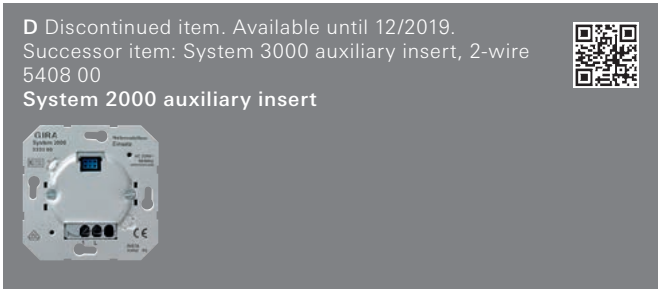
- Manual or automatic light switching in staircases.
- Switch light on using System 2000 and System 3000 impulse insert or rocker buttons.
- Delay time adjustable.
- Electronic overload protection for the control input.
- Automatic function with or without a switch-off pre-warning.
- Switch light on or off permanently.
- Insert in 3 or 4-conductor circuit.

Technical data

Rated voltage: AC 230 V, 50 Hz
Current load of control input A1: 40 mA
Switching voltage: AC 250 V
Ohmic switching current: 16 A
Switch-on current 20 ms: max. 165 A
Minimum switching current AC: 100 mA
Connected load
- HV LED lamps: typically 400 W
- Light bulbs: 2300 W
- HV halogen lamps: 2300 W
- Gira Tronic transformer: 1500 W
- Wound transformer: 1000 VA
- Fluorescent lamps, uncompensated: 1200 VA
- Fluorescent lamps, duo-circuit: 2300 (140 µF)
- Fluorescent lamps, parallel-compensated: 920 VA
- Electronic ballasts: type dependent
Cable length
- Load: max. 100 m
- Control cable: max. 100 m
Switch-on time: 10 s to 15 min
Ambient temperature: +5 °C to +45 °C
Dimensions
- Modular widths (MW): 1

Specifications Order No. P. unit PS

System 2000 auxiliary inserts



2-wire 0333 00 1/5 02

+ Necessary accessories

System 2000 swit./dimm. top **2316 ..**
- System 55 → 62
- E22 aluminium → 164

+ Optional accessories

Dimming inserts
S2000 uni.LED dimm.ins. (PB dim.) **2385 00** → 275
Uni.series dimm.ins. 2x 50 - 260 W/VA **2263 00** → 282
S2000 LV dimm.ins. 20 - 500 VA **0331 00** → 276
S2000 ctrl.unit ins.1 - 10 V **0860 00** → 276
Dimming inserts
S3000 uni.LED rot.dimm.ins. Komfort **2455 00** → 251
S3000 uni.LED rot.dimm.ins. Standard **2450 00** → 250
S3000 rot.aux.ins. 3-wire **2389 00** → 258
Switching inserts
S2000 Tronic swit.ins. **0866 00** → 277
Switching inserts
S2000 Triac swit.ins. **0854 00** → 277
S2000 relay ins. **0853 00** → 278
S2000 relay ins. zero-volt. **1148 00** → 278
S2000 HVAC relay ins. **0303 00** → 278

Features

- Auxiliary insert with 2-wire connection technology for designing installations with the function of 2-way and intermediate switching exclusively in conjunction with the System 2000 inserts.
- Additional cables are not required for retrofitting.



Technical data

Rated voltage: AC 230 V, 50/60 Hz
Installation depth: 22 mm
Ambient temperature: -20 °C to +45 °C

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 auxiliary insert, 3-wire
 5409 00

System 2000 auxiliary insert for presence detectors and automatic control switches

3-wire 0335 00 1/5 02

+ Necessary accessories

- One of the following articles:
- Auto.ctrl.sw. Standard 1.10m **1300 ..** → 306
 - Auto.ctrl.sw. 2 Standard 2.20m **2301 ..** → 307
 - Auto.ctrl.sw. Komfort 1.10 m **0661 ..** → 306
 - Auto.ctrl.sw. 2 Komfort 2.20 m **2302 ..** → 308
 - Auto.ctrl.sw. 360° **2270 ..** → 308
 - Pres.detec.Komfort top **0317 ..** → 309

+ Optional accessories

- Dimming inserts**
- S2000 uni.LED dimm.ins. (PB dim.) **2385 00** → 275
 - S3000 uni.LED dim. Mini **2440 00** → 255
 - S2000 LV dimm.ins. 20 - 500 VA **0331 00** → 276
 - S2000 ctrl.unit ins.1 - 10 V **0860 00** → 276

- Switching inserts**
- S2000 Tronic swit.ins. **0866 00** → 277

- Switching inserts**
- S2000 Triac swit.ins. **0854 00** → 277
 - S2000 relay ins. **0853 00** → 278
 - S2000 relay ins. zero-volt. **1148 00** → 278
 - S2000 HVAC relay ins. **0303 00** → 278

Features


- The 3-wire auxiliary insert is used to control System 2000 presence detectors and automatic control switches as an active auxiliary unit.
- In addition to the neutral conductor connection N, this auxiliary insert requires the same phase L as the power section.
- Up to 5 auxiliary inserts can be connected to a System 2000 universal dimming insert. Up to 10 auxiliary inserts can be connected to a System 2000 universal dimming insert.

Technical data

Rated voltage: AC 230 V, 50/60 Hz
 Connection: N conductor required
 Cable length between the main and auxiliary unit: 100 m
 Installation depth: 22 mm
 Ambient temperature: -20 °C to +45 °C

Specifications Order No. P. unit PS




Universal Dimmer



Cross reference
 More universal dimmers from System 3000 → 250

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 universal LED dimming insert Komfort 5401 00

System 2000 universal LED dimming insert (pushbutton dimmer)


3 – 420 W/VA **2385 00** 1/5 02



Functional description → 275


System 2000 insert Ls...top units

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Universal series dimming insert (pushbutton dimmer)



230 V $\sqrt{2}$ 11,8 V 
 230 V 12 V 



2 x 50 – 260 W/VA **2263 00** 1/5 02

+ Necessary accessories

- Top series dim. **2315 ..**
 - System 55 → 63
 - E22 aluminium → 164

+ Optional accessories

- Auxiliary unit**
 S2000 aux.unit 2-wire **0333 00** → 280
Tronic transformers
 Compensation mod. LED **2375 00** → 283

Features

- The series dimmer is a pushbutton dimmer with two universal dimming channels for switching and dimming various light sources including light bulbs, HV halogen lamps, LV halogen lamps with Gira Tronic transformers, or LV halogen lamps with conventional transformers
- The two channels can control various load types independently from one another.
- The two channels can be operated synchronously using a System 2000 auxiliary unit (2-wire).
- Bulb-saving switch-on.
- Electronic short-circuit protection.
- Automatic excess-temperature protection with restart.
- Saving of a switch-on dimming value (also using auxiliary unit).
- With screw terminals.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Connected load per channel	
- at 25 °C:	50 to 260 W/VA
- at 45 °C:	50 to 220 W/VA
Connected load at 25 °C	
- Light bulbs:	50 to 260 W
- HV halogen lamps:	50 to 260 W
- Gira Tronic transformer:	50 to 260 W
- wound transformer with at least 85 % rated load:	50 to 260 VA
- Ohmic-inductive:	50 to 260 VA
- Ohmic-capacitive:	50 to 260 W
Quantity of auxiliary units	
- Capacitive-inductive:	Not permissible
Installation depth:	22 mm
Connections:	max. 4 mm ²
Ambient temperature:	+5 °C to +45 °C

Notes

- Do not connect capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) to one dimming channel of a universal dimming insert at the same time.
- When an output is loaded with more than 260 W/VA, consider the load distribution and temperature range.
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.



More information

Technical information → [i 643](#)

Specifications Order No. P. unit PS

LED dimmer

LED dimming insert with rotary on/off switch

20 – 200 W **0300 00** 1/5 22

+ Necessary accessories

- Cov. knob dim. + potentiom. **0650 ..**
 - System 55 → 62
 - E22 aluminium → 163

Features

- Switching and dimming of light bulbs, HV halogen lamps and leading edge dimmable HV LED lamps.
- Short-circuit protection using micro-fuse.
- With screw terminals.

Technical data

Rated voltage:	AC 230 V, 50 Hz
Connected load at 25 °C	
- HV LED lamps (leading edge):	typically 3 to 40 W
- Light bulbs:	20 to 200 W
- HV halogen lamps:	20 to 200 W
Installation depth:	32 mm
Connections	
- maximum:	1 x 2.5 mm ²
- minimum:	1 x 0.5 mm ²
Ambient temperature:	-5 °C to +45 °C

Notes

- If the ambient temperature is higher than 25 °C, the connected load must be reduced.

More information

Technical information → [i 647](#)

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 universal LED dimming insert Komfort 5401 00
System 2000 universal LED dimming insert (pushbutton dimmer)

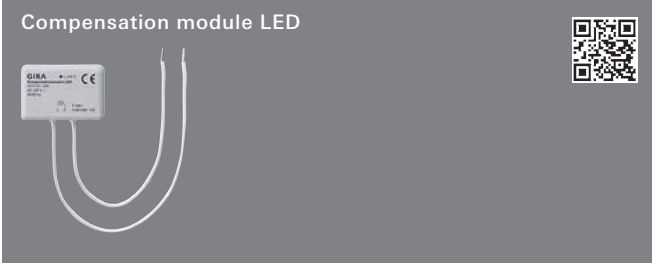



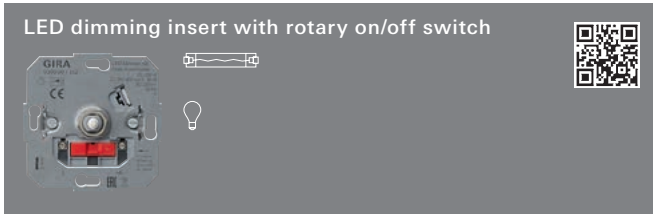
230 V $\sqrt{2}$ 11,8 V 
 230 V 12 V 

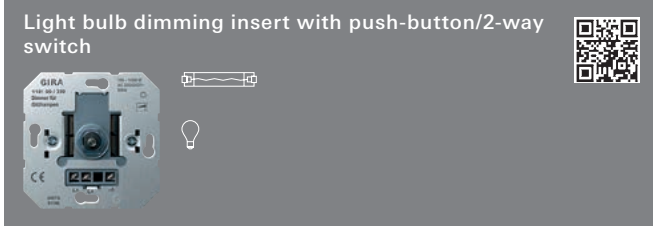


3 – 420 W/VA **2385 00** 1/5 02

Functional description → 275

Specifications	Order No.	P. unit	PS
 <p>Compensation module LED</p>			
	2375 00	1	02
+Optional accessories			
S3000 uni.LED rot.dim. ins. Komfort	2455 00	→	251
S3000 uni.LED rot.dim. ins. Standard	2450 00	→	250
S3000 rot.aux.ins. 3-wire	2389 00	→	258
Optimising dimming behaviour as necessary			
S2000 uni.LED dimm.ins. (PB dim.)	2385 00	→	281
Functional description		→	232

Specifications	Order No.	P. unit	PS
 <p>Light bulb dimmer</p>			
Features			
- Dimming light bulbs and HV halogen lamps with AC 230 V, 50 Hz.			
 <p>LED dimming insert with rotary on/off switch</p>			
20 – 200 W	0300 00	1/5	22
+ Necessary accessories			
Cov. knob dim. + potentiom.	0650 ..		
- System 55		→	62
- E22 aluminium		→	163
Functional description		→	283

 <p>Light bulb dimming insert with push-button/2-way switch</p>			
100 – 1000 W	1181 00	1/5	02
+ Necessary accessories			
Cov. knob dim. + potentiom.	0650 ..		
- System 55		→	62
- E22 aluminium		→	163
Features			
- Electronic short-circuit protection.			
- Automatic excess-temperature protection with restart.			
- Power extension using power boosters.			
- With screw terminals.			
Technical data			
Rated voltage:	AC 230/240 V, 50 Hz		
Connected load at 25 °C			
- Light bulbs:	100 to 1000 W		
- HV halogen lamps:	100 to 1000 W		
Installation depth:	32 mm		
Connections			
- maximum:	2.5 mm ²		
Ambient temperature:	+5 °C to +45 °C		
Notes			
- If the ambient temperature is higher than 25 °C, the connected load must be reduced.			
More information			
Technical information		→	645

Specifications Order No. P. unit PS

Specifications Order No. P. unit PS

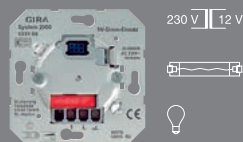
LV dimmer

Control Unit, 1 – 10 V

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 universal LED dimming insert Standard 5400 00



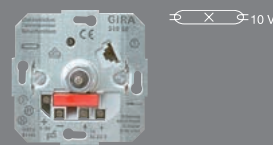
System 2000 LV dimming insert (pushbutton dimmer)



20 – 500 VA **0331 00** 1/5 02

Functional description → 276

Electronic potentiometer insert for 1–10 V control input



Switching function

0309 00 1/5 02

+ Necessary accessories

- Cov. knob dim. + potentiom. **0650 ..**
- System 55 → 62
- E22 aluminium → 163

+ Optional accessories

Fuse F 500 H 250V **049722** → 233

Features

- Electronic potentiometer with switching function for electronic ballasts or Tronic transformers with 1 – 10 V control input.
- Pressing the operating knob switches the electronic ballasts on and off.
- Rotating adjusts the brightness.

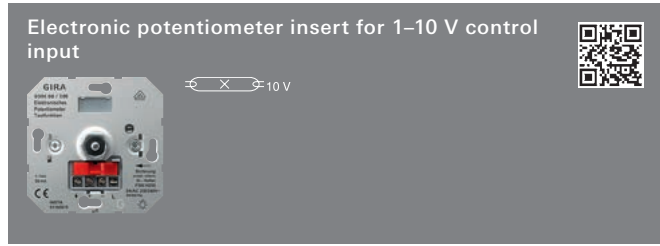
Technical data

Rated voltage: AC 230 V, 50/60 Hz
 1 – 10 V interface
 - Control voltage: 0.5 to 10 V
 - Control current: max. 50 mA
 Switching current
 - Ohmic: 6 A
 - Capacitive: 6 A (70 µF)
 Installation depth: 32 mm
 Connections
 - maximum: 4 mm²
 Ambient temperature: +5 °C to +45 °C

Scope of supply

- Fuse is included in the scope of supply.

Specifications Order No. P. unit PS



Button function 02
0308 00 1/25

+ Necessary accessories

Cov. knob dim. + potentiom. **0650 ..**
 - System 55 → 62
 - E22 aluminium → 163

+ Optional accessories

Fuse F 500 H 250V **049722** → 233

Features

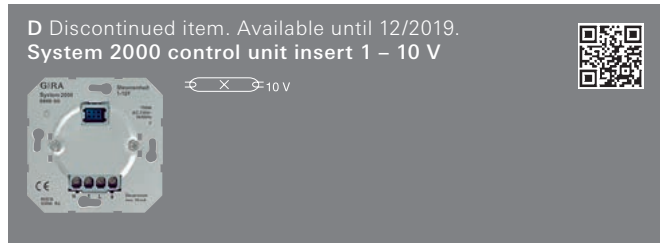
- Electronic potentiometer with button function (in combination with remote-control switches only) for electronic ballasts or Tronic transformers with 1 – 10 V control input.
- Pressing the operating knob sends an impulse to the remote-control switch and switches the electronic ballasts on and off.
- Rotating adjusts the brightness.

Technical data

Rated voltage: AC 230 V, 50/60 Hz
 1 – 10 V interface
 - Control voltage: 0.5 to 10 V
 - Control current: max. 50 mA
 Ohmic switching current: 2 A
 Installation depth: 32 mm
 Connections
 - maximum: 4 mm²
 Ambient temperature: +5 °C to +45 °C

Scope of supply

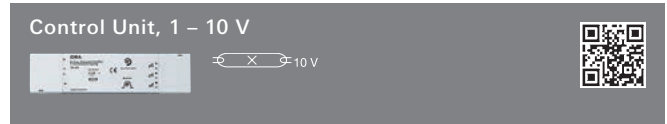
- Fuse is included in the scope of supply.



0860 00 1/5 02

Functional description → 276

Specifications Order No. P. unit PS



white **0360 00** 1/100 02

Features

- Built-in control unit for switching and dimming fluorescent lamps using electronic ballast with 1–10 V control input or Gira Tronic transformers with 1–10 V control input.
- Operation is possible using mechanical push buttons.
- Bulb-saving switch-on.
- Memory function (brightness memory).

Technical data

Rated voltage: AC 230 V, 50 Hz
 Connected load of switching contact
 - Ohmic load: 2300 W
 - Gira Tronic transformer: type dependent
 - Electronic ballasts: type dependent
 1 – 10 V interface
 - Control voltage: 1 to 10 V
 - Control current: max. 200 mA
 Cable length
 - Control cable: max. 100 m
 - Load: max. 100 m
 Auxiliary inputs: unlimited
 Connections: max. 4 mm²
 Ambient temperature: max. +50 °C
 Dimensions in mm
 W 175 H 42 D 18

More information

Technical information → ⓘ 649

Specifications Order No. P. unit PS

DALI



35 – 105 W **2380 00** 10 02

- + Optional accessories**
- DALI potentiom. **2018 00** → 286
 - DALI potentiom. pow.supply unit **2028 00** → 286
 - DALI gateway Plus **2180 00** → 526
 - WL ctrl.unit DALI 1-g Mini **5422 00** → 560



2018 00 1 02

- + Necessary accessories**
- Cov. knob dim. + potentiom. **0650 ..**
 - System 55 → 62
 - E22 aluminium → 163

- + Optional accessories**
- DALI Tronic transf. 35 - 105 W **2380 00** → 286
 - DALI potentiom. pow.supply unit **2028 00** → 286

Features

- For switching on/off and adjusting brightness for lights with a DALI interface
- To create the DALI voltage, a DALI power supply or a DALI potentiometer with integrated power supply unit is required which confirm to the DALI specification (DIN IEC 60926).
- Can be operated simultaneously from several operating points. Communication is via Broadcast.
- A basic brightness or a switch-on brightness can be stored.

Technical data

Current consumption: Max. 2 mA
 Installation depth: 32 mm
 Single-wire connection: Max. 4 mm²
 Ambient temperature: -5 °C to +45 °C

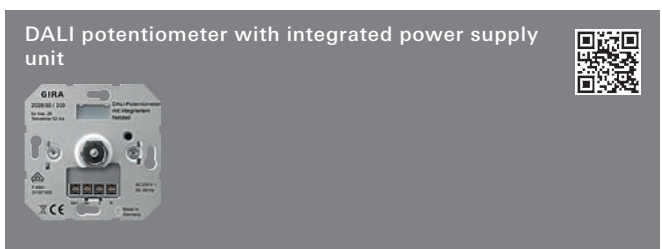
Notes

- When selecting the DALI power supply, the number of DALI devices and the DALI potentiometer (always counts as 1 device) must be considered.

More information

Technical information → ⓘ 646

Specifications Order No. P. unit PS



2028 00 1 02

+ Necessary accessories

- Cov. knob dim. + potentiom. **0650 ..**
- System 55 → 62
- E22 aluminium → 163

+ Optional accessories

- DALI Tronic transf. 35 - 105 W **2380 00** → 286
- DALI potentiom. **2018 00** → 286

Features

- For switching on/off and adjusting brightness for lights with a DALI interface
- Integrated power supply according to DALI specification (DIN IEC 60926) for 26 DALI devices.
- Parallel connection of up to 4 DALI potentiometers with integrated power supply unit to supply up to 104 DALI devices.
- Can be operated simultaneously from several operating points. Communication is via Broadcast.
- A basic brightness or a switch-on brightness can be stored.

Technical data

Rated voltage: AC 230 V, 50/60 Hz
 Power consumption: Max. 2 W
 DALI rated voltage: DC 16 V (typ.)
 Output current: Max. 52 mA
 Number of DALI devices: Max. 26
 Number of DALI potentiometer with integrated power supply unit connected in parallel: max. 4
 Single-wire connection: Max. 4 mm²
 Installation depth: 32 mm
 Ambient temperature: -5 °C to +45 °C

Notes

- When selecting the DALI power supply, the number of DALI devices and the DALI potentiometer (always counts as 1 device) must be considered.

More information

Technical information → ⓘ 646

System 2000 inserts, top units

Specifications	Order No.	P. unit	PS
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	2020 00	1	02
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+ Necessary accessories

Cov. knob dim. + potentiom. 0650 ..			
- System 55	→		62
- E22 aluminium	→		163

+ Optional accessories

DALI potentiom. Tunable WH pow.supply unit 2030 00	→		287
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Features

- For switching on/off and adjusting brightness for lights with a DALI interface
- Adjustment of colour temperature for lights with DALI Device Type 8 (Colour Type: Colour Temperature) for Tunable White according to IEC 62386-209
- To create the DALI voltage, a DALI power supply or a DALI potentiometer with integrated power supply unit is required which confirm to the DALI specification (DIN IEC 60926).
- Can be operated simultaneously from several operating points. Communication is via Broadcast.
- Colour temperature limits and a basic brightness or a switch-on brightness can be stored.

Technical data

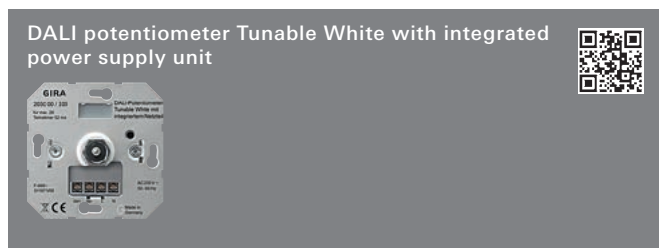
Current consumption:	Max. 2 mA
Colour temperature adjustment:	2000 to 10000 K
Single-wire connection:	Max. 4 mm ²
Installation depth:	32 mm
Ambient temperature:	-5 °C to +45 °C

Notes

- When selecting the DALI power supply, the number of DALI devices and the DALI potentiometer (always counts as 1 device) must be considered.

More information

Technical information	→ i 646
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	2030 00	1	02
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+ Necessary accessories

Cov. knob dim. + potentiom. 0650 ..			
- System 55	→		62
- E22 aluminium	→		163

+ Optional accessories

DALI potentiom. Tunable WH 2020 00	→		287
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Specifications	Order No.	P. unit	PS
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Features

- For switching on/off and adjusting brightness for lights with a DALI interface
- Adjustment of colour temperature for lights with DALI Device Type 8 (Colour Type: Colour Temperature) for Tunable White according to IEC 62386-209
- Integrated power supply according to DALI specification (DIN IEC 60926) for 26 DALI devices.
- Parallel connection of up to 4 DALI potentiometers with integrated power supply unit to supply up to 104 DALI devices.
- Can be operated simultaneously from several operating points. Communication is via Broadcast.
- Colour temperature limits and a basic brightness or a switch-on brightness can be stored.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Power consumption:	Max. 2 W
DALI rated voltage:	DC 16 V (typ.)
Output current:	Max. 52 mA
Number of DALI devices:	Max. 26
Number of DALI potentiometer with integrated power supply unit connected in parallel:	max. 4
Colour temperature adjustment:	2000 to 10000 K
Single-wire connection:	Max. 4 mm ²
Installation depth:	32 mm
Ambient temperature:	-5 °C to +45 °C

Notes

- When selecting the DALI power supply, the number of DALI devices and the DALI potentiometer (always counts as 1 device) must be considered.

More information

Technical information	→ i 646
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	5406 00	1	02
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+ Necessary accessories

One of the following articles:

S3000 op.top 5360 ..	→	326
S3000 op.top arrow symbols 5361 ..	→	326
S3000 op.top Memory 5363 ..	→	326
S3000 blind timer + timer Display 5366 ..	→	326
S3000 blind timer + timer BT 5367 ..	→	262
S3000 motion detec.top 1.10 m Standard 5373 ..	→	264
S3000 motion detec.top 1.10 m Komfort BT 5374 ..	→	264
S3000 motion detec.top 2.20 m Standard 5375 ..	→	265
S3000 motion detec.top 2.20 m Komfort BT 5376 ..	→	266
S3000 pres. + motion detec. 360° top BT 5377 02	→	267

+ Optional accessories

One of the following articles:

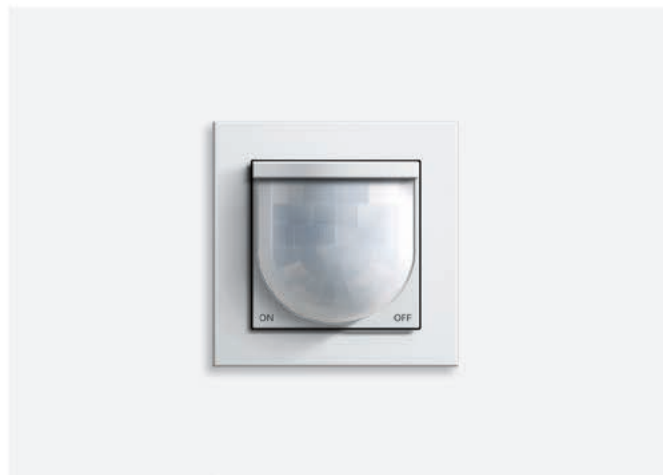
Rocker btn NO con. 0151 00	→	225
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 rot.aux.ins. 3-wire 2389 00	→	258

Functional description	→	257
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System 2000
Insert LS - top units

Lighting control

System 3000 system top units	294
KNX motion detector	
mounting height up to 1.10 m	297
KNX motion detector	
mounting height up to 2.20 m	298
Sensotec	299
Presence detector and motion detector	301
KNX Presence detector Mini	302
KNX Presence detector	302
Motion detector for exterior	303
System 2000 automatic control switch	
mounting height up to 1.10 m	306
System 2000 automatic control switch 2	
mounting height up to 2.20 m	307
System 2000 Automatic control switch	
360° top unit	308
Presence detector	309
Accessories	309
Light	311



Lighting control

Lights that switch on/off automatically are convenient, safe and energy-efficient. They can be easily installed in outdoor as well as indoor areas, e. g. building entrances, driveways or staircases. Based on your preferences, the device is controlled depending on brightness, time or motion. Apart from the installation of switches and detectors in a conventional electrical system, there are also detectors for the KNX system.



Outdoor security

Special demands are placed on devices in outdoor areas. The devices need to be weatherproof, sturdy enough to resist intentional or unintentional damage, and must continue to function reliably in changing environmental conditions.

→ 303



Gira presence and motion detector 360° Kompakt

The Gira presence and motion detector 360° Kompakt offers a number of functions for automating lighting. First and foremost is the reliable detection of movement, but the presence and motion detector may also be used simply as a twilight switch. The surface-mounted version of the housing enables efficient and flexible installation.

→ 308



Gira motion detectors

The Gira flush-mounted motion detector is especially useful in transit areas such as hallways and staircases. The motion detector turns on the light when a person enters the room, and turns it off again when they leave. The Komfort model additionally lets you operate it or make settings via Bluetooth from your smartphone.

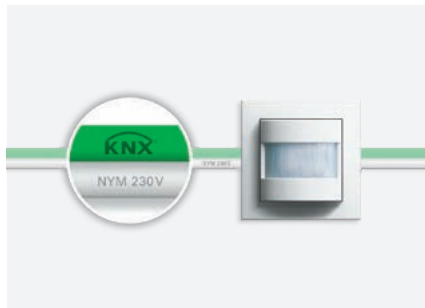
→ 307



Sensotec LED

The device combines two functions: enabling people to find their way with an LED orientation light at twilight or in the dark, and where necessary, to contactlessly switch on the room light with a motion. The illumination intensity can be adjusted in automatic mode to prevent glare.

→ 300



Semi-automatic or fully automatic lighting control via KNX

There are various presence and motion detectors for detecting motion and monitoring people's presence. These devices are used for fully automatic lighting control and thus contribute considerably towards energy savings and increased convenience.

→ 498



KNX presence detector Mini

The Gira KNX presence detectors Mini Standard and Mini Komfort register even the slightest motion in the room and enable automatic control of various functions in the KNX system, depending on presence. For example, lighting, heating, and ventilation can be controlled in an energy-efficient manner and exactly as needed.

→ 494



System 3000
system top units
→ 294



KNX motion
detector
mounting height up
to 1.10 m
→ 297



KNX motion
detector
mounting height up
to 2.20 m
→ 298



Sensotec
→ 299



Presence detector
and motion detector
→ 301



KNX Presence
detector Mini
→ 302



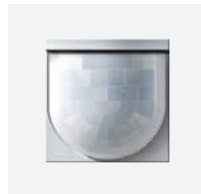
KNX Presence
detector
→ 302



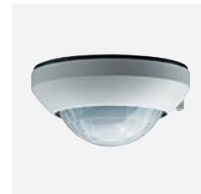
Motion detector for
exterior
→ 303



System 2000
Automatic switch
Mounting height up
to 1.10 m
→ 306



System 2000
Automatic switch 2,
mounting height up
to 2.20 m
→ 307



Discontinued
System 2000
Automatic
switch 360°
→ 308
















Discontinued item
presence detector
→ 309



Accessories
→ 309

Lighting control

System 3000

			Lighting control			
			 Relay switching insert → 248	 Electronic switching insert → 249	 Universal LED dimming insert Standard → 252	 Universal LED dimming insert Komfort → 253
Order no.			5403 00	5405 00	5400 00	5401 00
	Operating top unit and operating top unit arrow symbols → 260	5360.. 5361..	Switching	Switching	Switching Dimming	Switching Dimming
	Memory operating top unit → 261	5363..	Switching Memory	Switching Memory	Switching Dimming Memory	Switching Dimming Memory
	Blind timer and timer Display → 261	5366..	Switching Memory Timer	Switching Memory Timer	Switching/dimming Memory Timer	Switching/dimming Memory Timer
	Blind timer and timer BT → 262	5367..	Switching Timer App operation	Switching Timer App operation	Switching/dimming Timer App operation	Switching/dimming Timer App operation
	Motion detector 1.10 m Standard → 264	☒ 5373..	Switching	Switching	Switching	Switching
	Motion detector 1.10 m Komfort BT → 264	☒ 5374..	Switching App operation	Switching App operation	Switching Dimming App operation	Switching Dimming App operation
	Motion detector 2.20 m Standard → 265	☒ 5375..	Switching	Switching	Switching	Switching
	Motion detector 2.20 m Komfort BT → 266	☒ 5376..	Switching App operation	Switching App operation	Switching Dimming App operation	Switching Dimming App operation
	Presence and motion detector 360° top unit BT → 267	5377 02	Switching App operation	Switching App operation	Switching Constant light control App operation	Switching Constant light control App operation




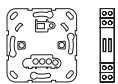


Lighting control

The modular system, comprising power inserts and operating top units, offers maximum freedom for putting together products and realising functions. Manual operation using a control button, electronically timed or motion-activated lighting controls – it's all equally feasible.

Auxiliary inputs let you centralise function controls, e. g. with a wind sensor or master button.

For blind and shutter control, auxiliary units are normally used to control higher-level groups or centralised operation.

For lighting, auxiliary units usually act as additional operating points or to extend the range of motion detectors. A new option now available is to use a 3-wire auxiliary insert to simultaneously operate up to 5 switching and dimming inserts. System 3000 also lets you combine timers with motion detectors.

Lighting control				Blind control	
 DALI power control unit flush-mounted insert → 257	 Auxiliary insert, 2-wire → 257	 Auxiliary insert, 3-wire → 258	 Impulse insert with staircase light timer → 249	 Blind control insert with auxiliary input → 259	 Blind control insert w/o auxiliary input → 259
5406 00	5408 00	5409 00	5410 00 0821 00	5414 00	5415 00
Switching Dimming Tunable White	① Switching Dimming Tunable White	① Switching Dimming Tunable White	Switching on	Up/down Specific position	Up/down Specific position
Switching Dimming Memory	---	① Switching Dimming	---	Up/down Specific position Memory	Up/down Specific position Memory
Switching/dimming Memory Timer	---	① Switching Dimming	---	Up/down, position Memory Blind timer	Up/down, position Memory Blind timer
Switching/dimming Timer App operation	---	① Switching Dimming	---	Up/down, position Blind timer App operation	Up/down, position Blind timer App operation
Switching	---	Switching on	Switching on	---	---
Switching Dimming App operation	---	Switching on	Switching on	---	---
Switching	---	Switching on	Switching on	---	---
Switching Dimming App operation	---	Switching on	Switching on	---	---
Switching Constant light control App operation	---	Switching on	Switching on	---	---

Lighting control

☒ For a mounting height of up to 1.10 m with purely horizontally-aligned detection area, which means it doesn't have its own range limitation outdoors

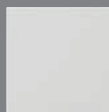
☒ For mounting height up to 2.20 m with angled, vertically-aligned detection area

① Depends on the main unit you wish to activate

Specifications Order No. P. unit PS

System 3000 system top units

N New product.
Replaces 0634 ..., 2324 ..., 2316 ...
System 3000 operating top unit



System 55

cream white glossy	5360 01	1	02
pure white glossy	5360 03	1	02
pure white matt	5360 27	1	02
anthracite	5360 28	1	02
colour aluminium	5360 26	1	02
black matt	5360 005	1	02
stainless steel	5360 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	5360 203	1	02

+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

Functional description	→	260
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N New product.
Replaces 0634 ..., 2324 ..., 2316 ...
System 3000 operating top unit arrow symbols



System 55

cream white glossy	5361 01	1	02
pure white glossy	5361 03	1	02
pure white matt	5361 27	1	02
anthracite	5361 28	1	02
colour aluminium	5361 26	1	02
black matt	5361 005	1	02
stainless steel	5361 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	5361 203	1	02

+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 2-wire 5408 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

Functional description	→	260
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Specifications Order No. P. unit PS

N New product.
Replaces 0822 ...
System 3000 operating top unit Memory



System 55

cream white glossy	5363 01	1	02
pure white glossy	5363 03	1	02
pure white matt	5363 27	1	02
anthracite	5363 28	1	02
colour aluminium	5363 26	1	02
black matt	5363 005	1	02
stainless steel	5363 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	5363 203	1	02

+ Necessary accessories

One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

+ Optional accessories

S3000 rocker 2-g blank 5369 ..	→	267
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Functional description	→	261
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N New product.
Replaces 0841 ..., 1175 ...
System 3000 blind timer and timer Display



System 55

cream white glossy	5366 01	1	02
pure white glossy	5366 03	1	02
pure white matt	5366 27	1	02
anthracite	5366 28	1	02
colour aluminium	5366 26	1	02
black matt	5366 005	1	02
stainless steel (lacquered)	5366 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
Aluminium (lacquered)	5366 203	1	02

+ Necessary accessories



One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

Functional description	→	261
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Specifications Order No. P. unit PS

N New product.
Replaces 1308 .., 1309 .., 0385 ...
System 3000 blind timer and timer BT

System 55			
cream white glossy	5367 01	1	02
pure white glossy	5367 03	1	02
pure white matt	5367 27	1	02
anthracite	5367 28	1	02
colour aluminium	5367 26	1	02
black matt	5367 005	1	02
stainless steel	5367 600	1	02

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
aluminium **5367 203** 1 02

+ Necessary accessories
One of the following articles:

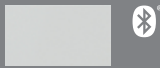

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 blind ctrl.ins. w/o aux.inputs 5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs 5414 00	→	325

+ Optional accessories

S3000 brightn. + temp.sens. BT 5466 02	→	263
S3000 rocker 2-g blank 5369 ..	→	267

Functional description → 262

N New product.
Replaces **0930 00**.
System 3000 brightness and temperature sensor BT

5466 02 1 02



+ Necessary accessories

S3000 blind timer + timer BT 5367 ..	→	262
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Functional description → 263

Specifications Order No. P. unit PS

N New product.
Replaces 1300 ...
System 3000 motion detector top unit 1.10 m Standard

System 55			
cream white glossy	5373 01	1	02
pure white glossy	5373 03	1	02
pure white matt	5373 27	1	02
anthracite	5373 28	1	02
colour aluminium	5373 26	1	02
black matt	5373 005	1	02
stainless steel (lacquered)	5373 600	1	02

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
Aluminium (lacquered) **5373 203** 1 02

TX_44

pure white	5373 66	1	02
anthracite	5373 67	1	02
colour aluminium	5373 65	1	02

+ Necessary accessories
One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249

Functional description → 264

Lighting control

Specifications Order No. P. unit PS

N New product.
Replaces **0661** ...
System 3000 motion detector top unit 1.10 m Komfort BT






System 55			
cream white glossy	5374 01	1	02
pure white glossy	5374 03	1	02
colour aluminium	5374 26	1	02
pure white matt	5374 27	1	02
anthracite	5374 28	1	02
black matt	5374 005	1	02
stainless steel (lacquered)	5374 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
Aluminium (lacquered)	5374 203	1	02

TX_44			
pure white	5374 66	1	02
anthracite	5374 67	1	02
colour aluminium	5374 65	1	02




+ Necessary accessories
One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249

Functional description → 264

Specifications Order No. P. unit PS

N New product.
Replaces **1301** ...
System 3000 motion detector top unit 2.20 m Standard

System 55			
cream white glossy	5375 01	1	02
pure white glossy	5375 03	1	02
pure white matt	5375 27	1	02
anthracite	5375 28	1	02
colour aluminium	5375 26	1	02
black matt	5375 005	1	02
stainless steel (lacquered)	5375 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
Aluminium (lacquered)	5375 203	1	02

TX_44			
pure white	5375 66	1	02
anthracite	5375 67	1	02
colour aluminium	5375 65	1	02


+ Necessary accessories
One of the following articles:

S3000 relay swit.ins. 5403 00	→	248
S3000 electr.swit.ins. 5405 00	→	249
S3000 uni.LED dimm.ins. Standard 5400 00	→	252
S3000 uni.LED dimm.ins. Komfort 5401 00	→	253
S3000 DALI Power ctrl.unit FM ins. 5406 00	→	257
S3000 aux.ins. 3-wire 5409 00	→	258
S3000 impulse insert 5410 00	→	249

Functional description → 265

Specifications Order No. P. unit PS

N New product.
Replaces **0671 ...**
System 3000 motion detector top unit 2.20 m
Komfort BT



System 55			
cream white glossy	5376 01	1	02
pure white glossy	5376 03	1	02
pure white matt	5376 27	1	02
anthracite	5376 28	1	02
colour aluminium	5376 26	1	02
black matt	5376 005	1	02
stainless steel (lacquered)	5376 600	1	02

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
Aluminium (lacquered) **5376 203** 1 02

TX_44			
pure white	5376 66	1	02
anthracite	5376 67	1	02
colour aluminium	5376 65	1	02

- + Necessary accessories**
One of the following articles:
- S3000 relay swit.ins. **5403 00** → 248
 - S3000 electr.swit.ins. **5405 00** → 249
 - S3000 uni.LED dimm.ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux.ins. 3-wire **5409 00** → 258
 - S3000 impulse insert **5410 00** → 249

Functional description → 266

N New product.
Replaces **2270 02, 2270 04, 0317 02 and 0317 04.**
System 3000 presence and motion detector 360°
top unit BT



pure white	5377 02	1	02
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- + Necessary accessories**
- S3000 relay swit.ins. **5403 00** → 248
 - S3000 electr.swit.ins. **5405 00** → 249
 - S3000 uni.LED dimm.ins. Standard **5400 00** → 252
 - S3000 uni.LED dimm.ins. Komfort **5401 00** → 253
 - S3000 DALI Power ctrl.unit FM ins. **5406 00** → 257
 - S3000 aux.ins. 3-wire **5409 00** → 258
 - S3000 impulse insert **5410 00** → 249

- + Optional accessories**
- SM hous. pres.detec. **0086 02** → 310
 - Prot.cage **2116 00** → 309

Functional description → 267

Specifications Order No. P. unit PS

KNX motion detector
mounting height up to 1.10 m

N New product.
Replaces KNX automatic control switch **0880 ..**
KNX motion detector Standard 1.10 m



System 55			
cream white glossy	2040 01	1	06
pure white glossy	2040 03	1	06
pure white matt	2040 27	1	06
anthracite	2040 28	1	06
colour aluminium	2040 26	1	06
black matt	2040 005	1	06
stainless steel (lacquered)	2040 600	1	06

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
Aluminium (lacquered) **2040 203** 1 06

TX_44			
pure white	2040 66	1	06
anthracite	2040 67	1	06
colour aluminium	2040 65	1	06

- + Necessary accessories**
Bus coup.3 **2008 00** → 432

Functional description → 498

Specifications Order No. P. unit PS

N New product.
Replaces KNX automatic control switch 1304 ..
KNX motion detector Komfort 1.10 m



System 55	Order No.	P. unit	PS
cream white glossy	2050 01	1	06
pure white glossy	2050 03	1	06
pure white matt	2050 27	1	06
anthracite	2050 28	1	06
colour aluminium	2050 26	1	06
black matt	2050 005	1	06
stainless steel (lacquered)	2050 600	1	06

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
Aluminium (lacquered) 2050 203 1 06

TX_44	Order No.	P. unit	PS
pure white	2050 66	1	06
anthracite	2050 67	1	06
colour aluminium	2050 65	1	06

+ Necessary accessories
Bus coup.3 2008 00 → 432

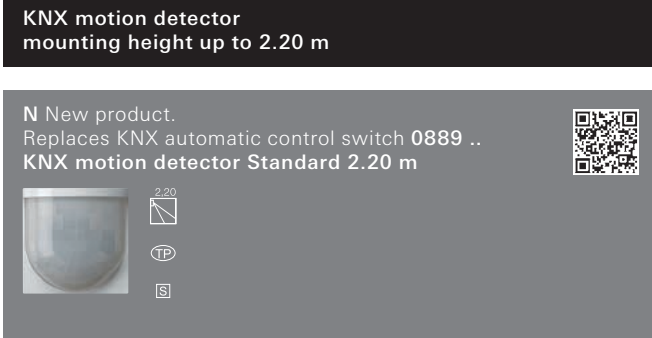
+ Optional accessories
IR remote ctrl. PIR KNX 2115 00 → 503

Functional description → 499

Specifications Order No. P. unit PS

KNX motion detector mounting height up to 2.20 m

N New product.
Replaces KNX automatic control switch 0889 ..
KNX motion detector Standard 2.20 m



System 55	Order No.	P. unit	PS
cream white glossy	2041 01	1	06
pure white glossy	2041 03	1	06
colour aluminium	2041 26	1	06
pure white matt	2041 27	1	06
anthracite	2041 28	1	06
black matt	2041 005	1	06
stainless steel (lacquered)	2041 600	1	06

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
Aluminium (lacquered) 2041 203 1 06

TX_44	Order No.	P. unit	PS
pure white	2041 66	1	06
anthracite	2041 67	1	06
colour aluminium	2041 65	1	06

+ Necessary accessories
Bus coup.3 2008 00 → 432

Functional description → 500

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
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N New product.
Replaces KNX automatic control switch 1305 ..
KNX motion detector Komfort 2.20 m



System 55	Order No.	P. unit	PS
cream white glossy	2051 01	1	06
pure white glossy	2051 03	1	06
colour aluminium	2051 26	1	06
pure white matt	2051 27	1	06
anthracite	2051 28	1	06
black matt	2051 005	1	06
stainless steel (lacquered)	2051 600	1	06

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
Aluminium (lacquered) **2051 203** 1 06

TX_44	Order No.	P. unit	PS
pure white	2051 66	1	06
anthracite	2051 67	1	06
colour aluminium	2051 65	1	06

+ Necessary accessories
Bus coup.3 **2008 00** → 432

+ Optional accessories
IR remote ctrl. PIR KNX **2115 00** → 503

Functional description → 501

Sensotec

Detection utilises the doppler effect, similar to traffic speed measurement. Detection is also possible with non-shielding material. For example, sanitary facilities could be covered with a single Sensotec in this way.

- Features**
- Contactless switching prevents soiling. This rules out contamination with viruses or bacteria by the user.
 - Detection in the close-up and long range depends on the reflecting surface, speed, and type of the object (person, animal, object, etc.).
 - Metal frames affect the detection range.
 - Extension of detection range through auxiliary units.
 - Auxiliary input operation with rocker button.
 - Requires an IR remote control to start up and set various functions.
 - Individual brightness value and delay time is possible (teach function)-
 - The sensitivity of the far-field detection is adjustable.
 - Installation in a deep device box.
 - Fulfils the specifications of the guidelines in VDI/VDE 6008 Sheet 3.

Technical data

Power supply:	230/240 V AC
Mains frequency:	50/60 Hz
Ambient temperature:	0 °C to 50 °C
Mounting height:	1.10 m
Range of detection forwards	
- Close-up range:	approx. 5 cm
- Long range:	approx. 6 m
Range to each side	
- Long range:	approx. 2 m
Brightness:	10 to 1000 lx
Delay time:	1 s to 60 min
Screw terminals connection	
- Single-wire:	1.5 to 2.5 mm ²
- Fine-wire with ferrule:	1.5 to 2.5 mm ²

Lighting control

Specifications Order No. P. unit PS



System 55, without remote control			
cream white glossy	2376 01	1	02
pure white glossy	2376 03	1	02
pure white matt	2376 27	1	02
anthracite	2376 28	1	02
colour aluminium	2376 26	1	02
N black matt	2376 005	1	02
N Black matt. New product.			

System 55, with remote control			
cream white glossy	2366 01	1	02
pure white glossy	2366 03	1	02
pure white matt	2366 27	1	02
anthracite	2366 28	1	02
colour aluminium	2366 26	1	02
N black matt	2366 005	1	02
N Black matt. New product.			

+ Optional accessories
 IR remote ctrl. Sensotec **2373 00** → 309

- Features**
- The Sensotec is an active motion detector. It detects motion in the detection range regardless of the temperature and switches on room lighting dimmed based on the ambient brightness.
 - Motion in the close-up range switches on the room lighting undimmed.
 - Switch-on brightness of the room lighting can be set for far-field detection.

Technical data

Connected load	
- Light bulbs:	4 to 300 W
- HV halogen lamps:	4 to 300 W
- LED lamps:	typ. 4 to 60 W
Installation depth:	33 mm.

- Notes**
- IR remove control is required during start-up and for configuring various functions.

More information
 Technical information → ⓘ 665

Specifications Order No. P. unit PS



System 55, without remote control			
cream white glossy	2378 01	1	02
pure white glossy	2378 03	1	02
pure white matt	2378 27	1	02
anthracite	2378 28	1	02
colour aluminium	2378 26	1	02
N black matt	2378 005	1	02
N Black matt. New product.			

System 55, with remote control			
cream white glossy	2368 01	1	02
pure white glossy	2368 03	1	02
pure white matt	2368 27	1	02
anthracite	2368 28	1	02
colour aluminium	2368 26	1	02
N black matt	2368 005	1	02
N Black matt. New product.			

+ Optional accessories
 IR remote ctrl. Sensotec **2373 00** → 309

- Features**
- The Sensotec LED is an active motion detector. It detects motion in the detection range regardless of the temperature and switches on the LED orientation light based on the ambient brightness.
 - Motion in the close range switches on the room lighting, for example.
 - The switch-on brightness of the LED orientation light can be set.

Technical data

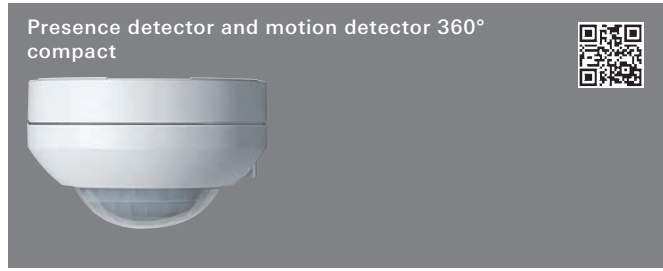
Connected load	
- Light bulbs:	400 W
- HV halogen lamps:	400 W
- Gira Tronic transformer:	400 W
- LED lamps:	100 W
Installation depth:	33 mm.

- Notes**
- IR remove control is required during start-up and for configuring various functions.

More information
 Technical information → ⓘ 665

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
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Presence detector and motion detector



2399 02 1 02

+ Necessary accessories

IR remote ctrl. PIR 1 **2382 00** → 309

Features

- Automatic switching of lighting, depending on the movement of heat and ambient brightness.
- 2-point light control.
- Functions can be adjusted with IR remote controls.
- Restricting the detection field by switching off individual sensors or clip-on panel.
- Operation with IR remote control, auxiliary unit 2-wire or rocker button.
- Teach-in function for adapting the brightness threshold, in combination with IR remote controls.
- Switch-off pre-warning.
- Short-term operation, e.g. for controlling acoustic signal transmitters.
- Occupied-home simulation.
- Function as twilight switch.
- Dynamic delay time.
- Extension of the detection field by connecting several devices in parallel.

Technical data

Rated voltage:	110 to 240 V AC, 50/60 Hz
Standby:	max. 0.3 W
Mounting height:	approx. 2.20 m to 6.0 m
Mounting height 3 m	
- Detection angle:	360°
- Detection range:	Ø approx. 20 m
Brightness value:	approx. 5 to 2000 lx
Delay time	
- adjustable:	approx. 10 s to 30 min
- Short-term operation:	approx. 0.5 s
Switching current at 35 °C	
- Ohmic:	16 A (AC1)
- Fluorescent lamps:	4 AX
Connected load AC 230 V~ and 35 °C	
- Light bulbs:	2300 W
- HV halogen lamps:	2000 W
- Gira Tronic transformer:	1500 W
- Wound transformer:	1000 VA
- LED lamps:	typically 400 W
- Compact fluorescent lamp:	typically 400 W
- Fluorescent lamps, uncompensated:	920 VA
- Capacitive load:	690 VA (560 µF)
Connected load AC 110 V~ and 35 °C	
- Light bulbs:	1150 W
- HV halogen lamps:	1000 W
- Gira Tronic transformer:	750 W
- Wound transformer:	500 VA
- LED lamps:	typically 200 W
- Compact fluorescent lamp:	typically 200 W
- Fluorescent lamps, uncompensated:	460 VA
- Capacitive load:	345 VA (560 µF)
Ambient temperature:	-5 °C to +45 °C
Dimensions in mm	
	Ø 103 H 63

Notes

- The required settings for start-up are carried out with the IR remote control PIR 1 (accessory) for the installer.
- Ceiling mounting indoors, surface-mounted.

Scope of supply


- IR remote control PIR 2 for the customer is included.
- Clip-on panel for limiting the detection field is included in the scope of supply.


More information

Technical information → ⓘ 596

Specifications Order No. P. unit PS


KNX Presence detector Mini


KNX presence detector Mini Standard 



2220 00 1 06

Functional description → 494

KNX presence detector - Mini Komfort 



2225 00 1 06

Functional description → 495

Specifications Order No. P. unit PS

KNX Presence detector


KNX presence detector Standard 




2105 02 1 06

pure white

Functional description → 496

KNX presence detector Komfort 



2106 02 1 46

pure white

Functional description → 497

Lighting control

Specifications Order No. P. unit PS

Motion detector for exterior

Features

- The brightness sensor can be set continuously.
- Day and night mode.

Notes

- Observe the planning information in the Technical Appendix.
- Observe high peak switch-on currents with "energy saving lamps". Check suitability of the lamps before use!

Sentinel 70 passive infrared motion detector

pure white	0831 02	1	08
anthracite	0831 10	1	08

Features

- The range is adjustable in three levels.

Technical data

Rated voltage:	AC 230 V, 50 Hz
Switch-on current:	max. 15 A
Connected load	
- Light bulbs:	1000 W
- HV halogen lamps:	1000 W
- wound transformer with at least 85 % rated load:	750 VA
- Gira Tronic transformer:	750 W
- Fluorescent lamps, uncompensated:	500 VA
- Fluorescent lamps, duo-circuit:	1000 VA
- Fluorescent lamps, parallel-compensated:	400 VA
Detection angle:	approx. 70°
Installation height 2.40 m	
- Range of detection forwards:	approx. 8 m
- Range to each side:	approx. 5.50 m
Brightness value:	adjustable
Delay time:	10 s to 5 min
Sensitivity:	3 levels
Protection type:	IP55
Ambient temperature:	-25 °C to +55 °C

More information

Technical information → ⓘ 658

Specifications Order No. P. unit PS

Sentinels 110

pure white	0355 02	1	08
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Features

- Switching segments in three levels.
- Clip-on panels (vertical/horizontal) for limiting the detection field.
- 3D hinge.

Technical data















Rated voltage:	AC 230 V, 50 Hz
Switch-on current:	max. 20 A
Connected load	
- Light bulbs:	2300 W
- HV halogen lamps:	1000 W
- wound transformer with at least 85 % rated load:	1200 VA
- Gira Tronic transformer:	1200 W
- Fluorescent lamps, uncompensated:	1200 VA
- Fluorescent lamps, duo-circuit:	2300 VA
- Fluorescent lamps, parallel-compensated:	920 VA
Detection angle:	110°
Installation height 2.40 m	
- Range of detection forwards:	approx. 16 m
- Range to each side:	approx. 12.5 m
Brightness value	
- adjustable:	approx. 5 to 300 lx
- fixed:	Day mode
Delay time:	12 s to 12 min
Protection type:	IP54
Ambient temperature:	-35 °C to +50 °C

More information

Technical information → ⓘ 658

Lighting control

System 2000

		System 2000 inserts				
						
		Triac switching insert Light bulbs, HV halogen, LV halogen with coil transformer 40 to 400 W/VA → 277	Tronic switching insert Light bulbs, HV halogen, LV halogen with Gira Tronic transformer 50 to 420 W → 277	Relay insert Light bulbs, fluorescent lamps, halogen lamps ≤ 2300 W → 278	Relay insert zero-voltage Light bulbs, HV halogen ≤ 800 W → 278	
Order no.		0854 00	0866 00	0853 00	1148 00	
	Automatic control switch, Standard top unit Mounting height up to 1.10 m Mounting height up to 2.20 m → 306/372	<input checked="" type="checkbox"/> 1300.. <input checked="" type="checkbox"/> 1301 4.	Switching	Switching	Switching	Switching
	Automatic control switch, Komfort top unit Mounting height up to 1.10 m Mounting height up to 2.20 m → 306/372	<input checked="" type="checkbox"/> 0661.. <input checked="" type="checkbox"/> 0671 4.	Switching	Switching	Switching	Switching
	Automatic control switch 2, Standard top unit → 307	<input checked="" type="checkbox"/> 2301..	Switching	Switching	Switching	Switching
	Automatic control switch 2, Komfort top unit → 308	<input checked="" type="checkbox"/> 2302..	Switching	Switching	Switching	Switching
	Presence detector, Komfort top unit → 309	0317..	Switching	Switching	Switching	Switching
	Automatic control switch 360° top unit → 308	2270..	Switching	Switching	Switching	Switching
	Switching/dimming top unit → 62/151/183	2316..	Switching	Switching	Switching	Switching
	Touch dimming top unit → 63/152	2260..				
	Touch switching top unit → 53/148	2261..	Switching	Switching	Switching	Switching
	Wireless switching/dimming top unit Gira eNet, → 554	5490..	Switching	Switching	Switching	Switching

For a mounting height of up to 1.10 m with purely horizontally-aligned detection area, which means it doesn't have its own range limitation outdoors

For mounting height up to 2.20 m with angled, vertically-aligned detection area








To use top units for automatic control switches and presence detectors on flush-mounted inserts from System 2000, these inserts have to have a release version of R2 or higher.

Use with the System 2000 impulse insert 0336 00 requires at least release version R3 for the top units of the automatic control switches and presence detectors.

Within the scope of the options described above and under observance of the permissible number of auxiliary units, the System 2000 inserts and top units can be freely combined to realise an extended, automatic lighting system.

① Use as HVAC switch:
Channel 1 is switched on depending on the ambient brightness when motion is detected. When motion is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.

Channel 2 is switched on directly or time-delayed when there is motion in the detection field. The

 <p>HVAC relay insert with 2 relays for switching lights, heating or ventilation, for example Channel 1: ≤ 1000 W Channel 2: ≤ 800 W → 278</p> <p>0303 00</p>	 <p>Universal LED dimming insert Light bulbs, HV halogen lamps, HV LED lamps, type 3 up to 100 W, energy-saving lamps type 7 up to 100 W → 275</p> <p>2385 00</p>	 <p>LV dimming insert Light bulbs, HV halogen, LV halogen with coil transformer 20 to 500 VA → 276</p> <p>0331 00</p>	 <p>Control unit insert 1–10 V for switching and dimming electronic ballasts and Gira Tronic transformers with 1 to 10 V interface ≤700 W, ≤50 mA → 276</p> <p>0860 00</p>	 <p>Impulse insert with staircase-light automatic control switch → 279</p> <p>0336 00 0821 00</p>	 <p>Auxiliary insert* for presence detectors and automatic control switches (3-wire) → 281</p> <p>0335 00*</p>	 <p>Auxiliary insert* (2-wire) → 280</p> <p>0333 00*</p>
①	Switching ^{a)}	Switching ^{a)}	Switching ^{a)}	Switching on	Switching on ^{b)}	
①	Switching Dimming	Switching Dimming	Switching Dimming	Switching on	Switching on ^{b)}	
①	Switching ^{a)}	Switching ^{a)}	Switching ^{a)}	Switching on	Switching on ^{b)}	
①	Switching Dimming	Switching Dimming	Switching Dimming	Switching on	Switching on ^{b)}	
①	Switching Dimming Constant light control	Switching Dimming Constant light control	Switching Dimming Constant light control	Switching on	Switching on ^{b)}	
①	Switching Dimming	Switching Dimming	Switching Dimming	Switching on	Switching on ^{b)}	
②	Switching Dimming	Switching Dimming	Switching Dimming	Switching on		Switching Dimming Memory
	Switching Dimming	Switching Dimming	Switching Dimming			
②						
②	Switching Dimming	Switching Dimming	Switching Dimming			

The ambient brightness does not influence the switching of Channel 2. When motion is no longer detected, the channel is switched off when the delay time set in the insert expires.

② Use as delay switch: Channel 1 is switched on or off without delay upon operation.

Channel 2 is switched on or off time-delayed depending on Channel 1.

a) Standard top units only carry out switching functions, even on dimming inserts.

b) On an auxiliary insert, the brightness setpoint value and the delay time of the top unit are not evaluated.

*The function of the auxiliary unit (switching/dimming) depends on which main unit insert is used.

Specifications Order No. P. unit PS

System 2000 automatic control switch mounting height up to 1.10 m

Technical data

Mounting height up to 1.10 m
 - Range of detection forwards: approx. 10 m
 - Range to each side: approx. 6 m
 Detection angle: 180°
 Brightness value
 - adjustable: approx. 0 to 150 lx
 - fixed: Day mode
 Sensitivity: 100 to 20 %
 Protection type
 - System 55, Gira E22, Gira F100, S-Color: IP20
 - TX_44: IP44
 Ambient temperature: -20 °C to +45 °C

Notes

- Suitable for indoor use only.
- At an mounting height of 1.10 m, the horizontal detection field has no natural limit if used outdoors. Use the System 2000 automatic control switch mounting height up to 2.20 for outdoor use.
- The System 2000 automatic control switch top units can be operated with the System 2000 inserts as of release R2.

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 motion detector top unit, mounting height up to 1.10 m 5373 ..
System 2000 automatic control switch Standard top unit, mounting height up to 1.10 m



System 55

D cream white glossy	1300 01	1/5	02
D pure white glossy	1300 03	1/5	02
D pure white matt	1300 27	1/5	02
D anthracite	1300 28	1/5	02
D colour aluminium	1300 26	1/5	02
D stainless steel (lacquered)	1300 600	1/5	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

D Aluminium (lacquered)	1300 203	1	02
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D Discontinued item. Available until 12/2019.

TX_44

D pure white	1300 66	1/5	02
D anthracite	1300 67	1/5	02
D colour aluminium	1300 65	1/5	02

D Discontinued item. Available until 12/2019.

+ Necessary accessories

One of the following articles:

Dimming inserts (only switching here)

S2000 uni.LED dimm.ins. (PB dim.)	2385 00	→	275
S2000 LV dimm.ins. 20 - 500 VA	0331 00	→	276
S2000 ctrl.unit ins.1 - 10 V	0860 00	→	276

Switching inserts

S2000 Tronic swit.ins.	0866 00	→	277
S2000 Triac swit.ins.	0854 00	→	277
S2000 relay ins.	0853 00	→	278
S2000 relay ins. zero-volt.	1148 00	→	278
S2000 HVAC relay ins.	0303 00	→	278

Staircase light control

S2000 impulse ins.	0336 00	→	279
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Auxiliary insert

S2000 aux.unit 3-wire	0335 00	→	281
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Technical data

Delay time: approx. 2 min. fixed

Specifications Order No. P. unit PS

More information

Technical information

→ i 663

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 motion detector top unit, mounting height up to 1.10 m 5374 ..
System 2000 automatic control switch Komfort top unit mounting height up to 1.10 m



System 55

D cream white glossy	0661 01	1/100	02
D pure white glossy	0661 03	1/100	02
D pure white matt	0661 27	1/100	02
D anthracite	0661 28	1/100	02
D colour aluminium	0661 26	1	02
D stainless steel (lacquered)	0661 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

D Aluminium (lacquered)	0661 203	1	02
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D Discontinued item. Available until 12/2019.

TX_44

D pure white	0661 66	1	02
D anthracite	0661 67	1	02
D colour aluminium	0661 65	1/100	02

D Discontinued item. Available until 12/2019.

+ Necessary accessories

See listing at

Auto.ctrl.sw. Standard 1.10m **1300 ..** → 306

Features

- In conjunction with a System 2000 switching insert, the automatic control switch can be set to short-term operation. Short-term operation is brightness-independent and can be used to control a bell, for example.
- When a System 2000 dimming insert is used, when the set delay time elapses, the lighting is continuously dimmed to the minimum brightness within 30 seconds and then switched off.
- A memory value can be saved using a System 2000 auxiliary unit which is switched on when motion is detected.
- The current ambient brightness is easily saved as a brightness switching threshold using a teach-in function.
- Switchable to permanent-on, permanent-off, or automatic mode using a slider switch.

Technical data

Delay time: 10 s to 30 min

More information

Technical information

→ i 663

Specifications Order No. P. unit PS

System 2000 automatic control switch 2 mounting height up to 2.20 m

Automatic control switch for switching light automatically, depending on the movement of heat and ambient brightness.

Features

- Extension of the detection range in combination with an auxiliary insert for presence detectors and automatic control switches.
- Teach-in function for adapting the brightness threshold.
- Switch-on brightness can be saved permanently, with dimming insert.
- Can be dimmed slightly, with dimming insert and connected auxiliary insert.
- Crawl-under protection.
- Delay time limit.

Technical data

Mounting height:	1.10 m / 2.20 m
Mounting height of 2.20 m	
- Range of detection forwards::	approx. 12 m
- Range to each side:	approx. 6 m
Mounting height up to 1.10 m	
- Range of detection forwards::	approx. 6 m
- Range to each side:	approx. 3.6 m
Detection angle:	180°
Brightness value	
- adjustable:	approx. 1 to 200 lx
- fixed:	Day mode
Locking time:	approx. 0.3 to 4 s
Protection type	
- System 55, Gira E22, Gira F100:	IP20
- TX_44:	IP44
Ambient temperature:	-15 °C to +45 °C

Notes

- For operation with System 2000 flush-mounted insert for dimming, switching, or auxiliary insert use for presence detectors and automatic control switches.

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 motion detector top unit, mounting height up to 2.20 m 5375 ..
System 2000 automatic control switch 2 Standard top unit, mounting height up to 2.20 m



System 55

D cream white glossy	2301 01	1/5	02
D pure white glossy	2301 03	1/100	02
D pure white matt	2301 27	1/5	02
D anthracite	2301 28	1/5	02
D colour aluminium	2301 26	1/5	02
D stainless steel (lacquered)	2301 600	1	02
D Discontinued item. Available until 12/2019.			

Gira E22 aluminium

D Aluminium (lacquered)	2301 203	1/5	02
D Discontinued item. Available until 12/2019.			

TX_44

D pure white	2301 66	1	02
D anthracite	2301 67	1	02
D colour aluminium	2301 65	1	02
D Discontinued item. Available until 12/2019.			

+ Necessary accessories

See listing at
 Auto.ctrl.sw. Standard 1.10m **1300 ..** → 306

Features

- The sensitivity and delay time are permanently set.

Technical data

Delay time: approx. 2 min. fixed

More information

Technical information → i 663

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 motion detector top unit, mounting height up to 2.20 m 5376 ..
System 2000 automatic control switch 2 Komfort top unit, mounting height up to 2.20 m




System 55			
D cream white glossy	2302 01	1/5	02
D pure white glossy	2302 03	1/100	02
D pure white matt	2302 27	1/5	02
D anthracite	2302 28	1/5	02
D colour aluminium	2302 26	1/5	02
D stainless steel (lacquered)	2302 600	1	02
D Discontinued item. Available until 12/2019.			

Gira E22 aluminium			
D Aluminium (lacquered)	2302 203	1/5	02
D Discontinued item. Available until 12/2019.			

TX_44			
D pure white	2302 66	1	02
D anthracite	2302 67	1	02
D colour aluminium	2302 65	1	02
D Discontinued item. Available until 12/2019.			

+ Necessary accessories
See listing at
 Auto.ctrl.sw. Standard 1.10m **1300 ..** → 306

- Features**
- IR remote control for setting various functions.
 - Dimming function, with dimming insert.
 - Short-term operation, e.g. for controlling acoustic signal transmitters, with switching insert.
 - Display LED.
 - Occupied-home simulation.
 - Nightlight function.
 - Motion detection which can be toggled between the indoors and outdoors.

Technical data

Sensitivity:	100 to 25 %
Delay time:	approx. 10 s to 60 min
Short-term operation	
- Pulse duration:	approx. 0.3 second
- Pulse pause:	approx. 2.7 second

Scope of supply
 - IR remote control.

More information
 Technical information → ⓘ 663

Specifications Order No. P. unit PS

System 2000 Automatic control switch 360° top unit

D Discontinued item. Available until 12/2019.
 Successor item: System 3000 presence and motion detector 360° top unit 5377 02
System 2000 Automatic control switch 360° top unit




D pure white	2270 02	1	02
D Discontinued item. Available until 12/2019.			

+ Necessary accessories
See listing at
 Auto.ctrl.sw. Standard 1.10m **1300 ..** → 306

+ Optional accessories
 SM hous. pres.detec. **0086 ..** → 310
 Prot.cage **2116 00** → 309

- Features**
- The System 2000 automatic control switch 360° top unit can be operated with the System 2000 inserts as of release R2. It is recessed into the ceiling and monitors the area beneath it. The automatic control switch 360° switches on the lighting depending upon motion and ambient brightness.
 - Expanding the detection range is possible using auxiliary units (accessories).
 - Manual actuation with auxiliary unit or button, NO contact.
 - Test mode/short-term operation. With System 2000 switch inserts, the automatic control switch 360° can be used to control a bell.
 - Saving a memory value with System 2000 dimming inserts.
 - Light dimming, with System 2000 dimming inserts. When the delay time has expired, the lighting is dimmed to the minimum brightness within 30 seconds and then switched off.
 - Day mode.

Technical data

Mounting height	3 m
- Detection angle:	360°
- Detection range:	Ø approx. 20 m
Brightness value	
- adjustable:	approx. 2 to 80 lx
- fixed:	Day mode
Locking time:	approx. 2 second
Delay time	
- adjustable:	approx. 10 s to 30 min
- Test mode/short-term operation:	approx. 1 second
Ambient temperature:	+5 °C to +35 °C
Dimensions in mm	Ø 103 H 50

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Presence detector

A presence detector is mounted on the ceiling and monitors the work area beneath it.



Features

- The presence detector controls the lighting depending on the presence of persons and the desired lighting conditions.

Notes

- A presence detector is **not** a passage detector.
- The presence detector is not suitable for alarm messages in VdS-compliant alarm systems.
- Ceiling mounting on stable ceilings in device box or surface-mounted housing.

D Discontinued item. Available until 12/2019.
System 2000 presence detector Komfort top unit

D pure white	0317 02	1	02
D Discontinued item. Available until 12/2019.			

+ Necessary accessories

See listing at

Auto.ctrl.sw. Standard 1.10m 1300 ..	→	306
---	---	-----

+ Optional accessories

SM hous. pres.detec. 0086 ..	→	310
-------------------------------------	---	-----

Features

- Constant light control is possible when used on a System 2000 dimming insert. The lighting is initially switched on at maximum brightness. Then the lighting is dimmed so that the brightness is maintained at the setpoint value set on the presence detector.
- When combined with a System 2000 "switching insert", the lighting is only switched.
- To extend the detection field, the presence detector Comfort is combined with a System 2000 auxiliary insert for presence detectors and automatic control switches "3-wire".
- Switching on and off using the mechanical auxiliary unit or System 2000 auxiliary unit.
- With the included clip-on panel, interference sources are eliminated by limiting the detection field.

Technical data

Installation height	2.5 m
- Detection angle:	360°
- Detection range:	Ø approx. 8 m
Brightness value:	approx. 10 to 1000 lux
Delay time	
- adjustable:	approx. 10 s to 30 min
- Test mode/short-term operation:	approx. 1 second
Ambient temperature:	+5 °C to +35 °C
Dimensions in mm	Ø 103 H 43

Scope of supply

- A clip-on panel is included to limit the detection field.



More information

Technical information → [i 647](#)

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Accessories

IR remote control for Sensotec and Sensotec LED

	2373 00	1/5	02
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+ Optional accessories

Sensotec w/o remote control 2376 ..	→	300
Sensotec LED w/o remote ctrl. 2378 ..	→	300

Features

- Infrared remote control for manual operation and setting of Sensotec and Sensotec LED.

IR remote control PIR 1

	2382 00	1	02
--	----------------	---	----

+ Optional accessories

Pres. + motion detec. 360° Kompakt 2399 02	→	301
---	---	-----

Features

- IR remote control for start-up of the presence detector and motion detector 360° compact.

Protective cage




pure white	2116 00	1	01
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+ Optional accessories

S3000 pres. + motion detec. 360° top BT 5377 02	→	267
Auto.ctrl.sw. 360° 2270 ..	→	308
Pres.detec.Komfort top 0317 ..	→	309
Pres.detec.Standard 2105 ..	→	497
Pres.detec.Komfort 2106 ..	→	497

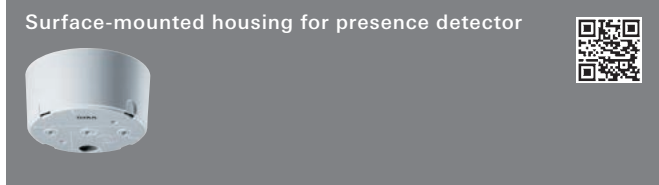
Features

- Protective cage for presence detector
- Lacquered, plastic-coated steel cage.

Technical data

Dimensions in mm	Ø 180 H 90
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Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----



pure white	0086 02	1	01
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+ Optional accessories

S3000 pres. + motion detec. 360° top BT 5377 02	→	267
Auto.ctrl.sw. 360° 2270 ..	→	308
Pres.detec.Komfort top 0317 ..	→	309

Features

- Single-point or multi-point mounting possible.

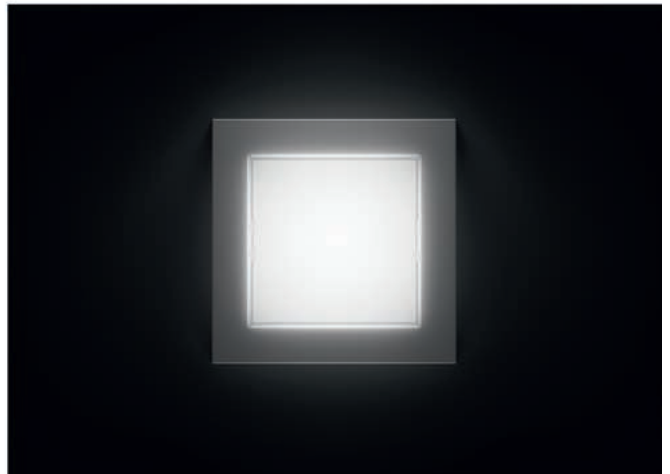
Technical data

Dimensions in mm

Ø 103 H 45

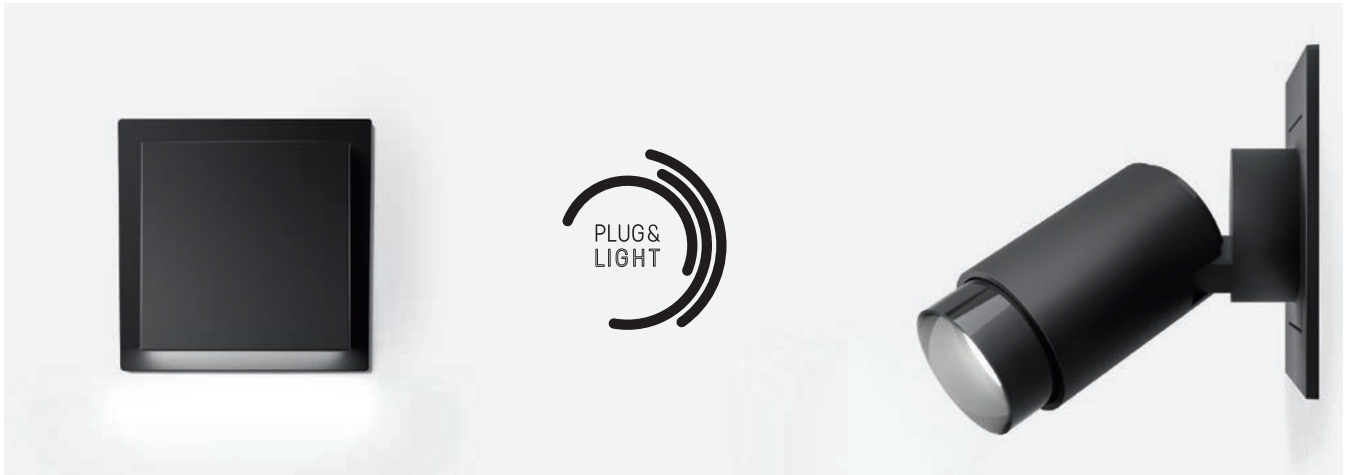
Notes

- For mounting on the ceiling.
 - Do not use in combination with protective cage **2116 00**.



Lighting

Brightness and shadows, colours and contrast all affect a room's atmosphere or moment's mood. Gira offers a select range of lighting for innovative and smart indoor lighting design. Easy, hassle-free installation of flexible light sources that can be swapped quickly thanks to Plug & Light. Eliminate tripping hazards and make finding your way easier indoors or outdoors with LED orientation lights, available in white or coloured RGB variants.

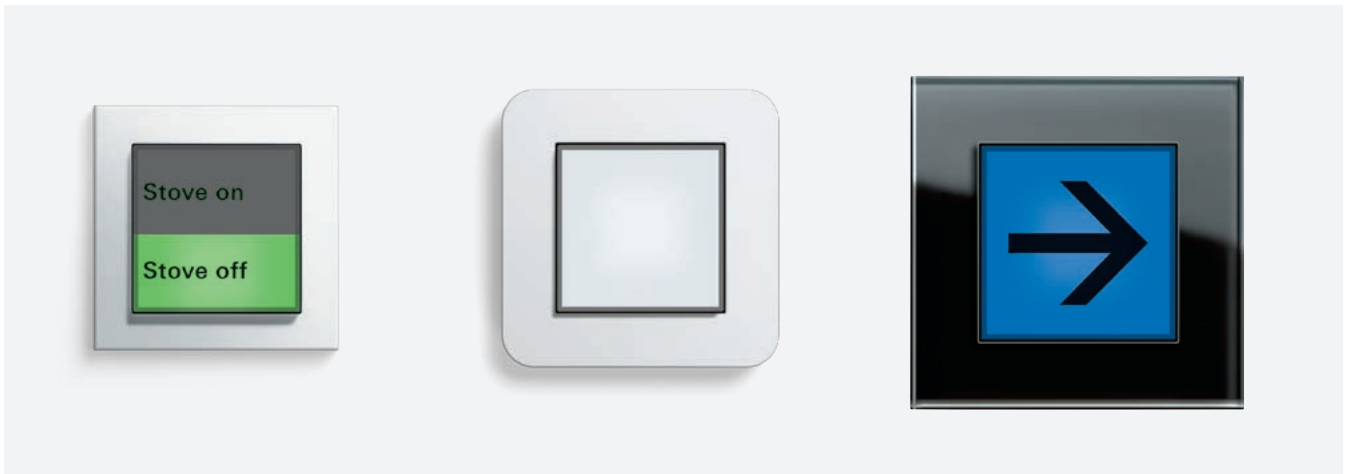


Plug & Light

Plug & Light is redefining lighting design thanks to its open system, which offers controllable lighting from the socket outlet. The Plug & Light light socket outlet can be installed easily and safely in commercially available European device boxes. In combination with different light top units, Plug & Light ensures conveniently controllable lighting. Guaranteed functionally reliable, dimmable without flickering, and always perfectly coordinated with any interior through matching switch designs. For a wonderfully flexible indoor lighting experience. Plug & Light is suitable for both

private and commercial construction projects – ideal for use in buildings ranging from single-family homes to hotels. Plug & Light offers a wide range of possible applications. Gira is one of the the Plug & Light Network's first partners, and is incorporating Plug & Light into the Gira design lines. The Plug & Light system was developed by Insta.

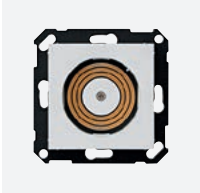
www.plugandlight.de/en/



Gira LED orientation lights

Gira LED lighting enables the targeted use of lighting accents. It can be used to light up stairs, dark hallways, or outdoor pathways, for example, thereby helping people to walk more safely and find their way both indoors and outdoors. Available in white or as coloured RGB variant. The white orientation lights and RGB orientation lights come with integrated brightness controller. The colour of the RGB orientation lights can be set to white, blue, red, green or orange, as desired. In addition, the lights can constantly run through the entire spectrum of colours, from which any desired colour can be

saved. You can also adjust the brightness. You can add inscriptions or icons to the LED orientation lights using films. Alternatively, a slat element can also be used for light dispersion. Light emission can then be directed in increments of 90°. The Gira LED orientation lights are available for the Gira Standard 55, E2, Event, Esprit and TX_44 design lines. They can be added to F100 design line elements using a matching adapter frame.



Plug & Light
→ 314



Orientation
lighting
→ 316





Energy profile
light profiles
→ 318



Specifications Order No. P. unit PS

Plug & Light

N New product.
Plug & Light light socket outlet

System 55	Order No.	P. unit	PS
pure white glossy	2688 102	1	28
black matt	2688 105	1	28

- + Necessary accessories**
One of the following articles:
- P&L spotlight cbd **2692 ..** → 314
 - P&L spotlight warm dimmable **2695 ..** → 315
 - P&L wall luminaire cbd **2698 ..** → 315



- Features**
- Ballast device for switching and dimming light top units from the Plug & Light system.
 - Connection to switch or universal LED dimming insert (trailing edge principle).
 - Magnetic mounting of the light top units.
 - Automatic detection of the plugged-in light top units.
 - Low voltage SELV DC.
 - Mounting on wall or ceiling.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Output voltage:	DC 12 V SELV
Connected load:	8 W
Protection type:	IP20
Protection class:	II
Ambient temperature:	+5 °C to +35 °C

- Notes**
- Installation in deep device box.
 - More lamps compatible with the light socket outlet are available through Plug & Light member Brumberg. Visit www.brumberg.com for details.

N New product. Available from 09/2019.
Plug & Light light socket outlet with lock

System 55	Order No.	P. unit	PS
pure white glossy	2685 102	1	28
black matt	2685 105	1	28

- + Necessary accessories**
One of the following articles:
- P&L spotlight cbd **2692 ..** → 314
 - P&L spotlight warm dimmable **2695 ..** → 315
 - P&L wall luminaire cbd **2698 ..** → 315

- + Optional accessories**
- P&L unlocking magnet **2699 00** → 315

Specifications Order No. P. unit PS



- Features**
- Ballast device for switching and dimming light top units from the Plug & Light system.
 - Connection to switch or universal LED dimming insert (trailing edge principle).
 - Magnetic mounting of the light top units.
 - Automatic detection of the plugged-in light top units.
 - Low voltage SELV DC.
 - Mechanical lock for the light top units for ceiling mounting or as theft protection.
 - Mounting on wall or ceiling.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Output voltage:	DC 12 V SELV
Connected load:	8 W
Protection type:	IP20
Protection class:	II
Ambient temperature:	+5 °C to +35 °C

- Notes**
- Installation in deep device box.
 - More lamps compatible with the light socket outlet are available through Plug & Light member Brumberg. Visit www.brumberg.com for details.

N New product. Available from 02/2019.
Plug & Light spotlight, dimmable

pure white glossy	2692 102	1	28
black matt	2692 105	1	28

- + Necessary accessories**
One of the following articles:
- P&L light sock. **2688 ..** → 314
 - P&L light sock. mech.locking **2685 ..** → 314

- Features**
- Operation with light socket outlet of the Plug & Light system.
 - Light top unit for indoor lighting.
 - Adjustable anti-glare attachment via three latching steps (5, 10 and 15 mm).
 - 0° to 90° swivelling.
 - Continuously rotatable by 360°.
 - Dimmable with suitable LED trailing edge dimmer at constant colour temperature of approx. 2700 K.

Technical data

Rated voltage:	DC 12 V SELV
Power consumption:	5.6 W
Light current:	390 lm
Colour temperature:	2700 k
Colour rendering (Ra):	typ. 85
Energy efficiency class:	A++ to A
Lifetime (L80/B10):	60,000 h
Beam angle:	45°
Dimming range:	1 to 100%
Protection type:	IP20
Protection class:	III
Ambient temperature:	+5 °C to +25 °C

Specifications Order No. P. unit PS

N New product. Available from 02/2019.
Plug & Light spotlight warm dimming




pure white glossy	2695 102	1	28
black matt	2695 105	1	28

+ Necessary accessories

One of the following articles:

P&L light sock. 2688 ..	→	314
P&L light sock. mech.locking 2685 ..	→	314

Features

- Operation with light socket outlet of the Plug & Light system.
- Light top unit for indoor lighting.
- Adjustable anti-glare attachment via three latching steps (5, 10 and 15 mm).
- 0° to 90° swivelling.
- Continuously rotatable by 360°.
- Adjustment of the colour temperature between approx. 2700 K and 4000 K with simultaneous brightness increase from minimum to maximum using trailing edge dimmer.

Technical data

Rated voltage:	DC 12 V SELV
Power consumption:	5.6 W
Light current:	350 lm
Colour temperature:	2700 to 4000 k
Colour rendering (Ra):	typ. 85
Energy efficiency class:	A++ to A
Lifetime (L80/B10):	60,000 h
Beam angle:	45°
Dimming range:	1 to 100%
Protection type:	IP20
Protection class:	III
Ambient temperature:	+5 °C to +25 °C

N New product. Available from 02/2019.
Plug & Light wall luminaire, dimmable




pure white glossy	2698 102	1	28
black matt	2698 105	1	28

+ Necessary accessories

One of the following articles:

P&L light sock. 2688 ..	→	314
P&L light sock. mech.locking 2685 ..	→	314

Features

- Operation with light socket outlet of the Plug & Light system.
- Light top unit for indoor lighting.
- Continuously rotatable by 360°.
- Dimmable with suitable LED trailing edge dimmer at constant colour temperature of approx. 2700 K.

Specifications Order No. P. unit PS

Technical data

Rated voltage:	DC 12 V SELV
Power consumption:	4.1 W
Light current:	290 lm
Colour temperature:	2700 k
Colour rendering (Ra):	typ. 90
Energy efficiency class:	A++ to A
Lifetime (L80/B10):	60,000 h
Beam angle:	asymmetrical
Dimming range:	1 to 100%
Protection type:	IP20
Protection class:	III
Ambient temperature:	+5 °C to +25 °C

N New product. Available from 02/2019.
Plug & Light unlocking magnet




2699 00	1	28
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+ Necessary accessories

Plug & Light light socket outlet with lock	→	314
--	---	-----

Light

Specifications Order No. P. unit PS

Orientation lighting



System 55, Gira E22
2361 00 1/100 02

+ Optional accessories
 In.sheets 51 x 51 mm **2870 ..** → 232

Features

- LED orientation light for private and commercial use.
- The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms.
- The brightness of the light can be set individually.
- A film which can be inscribed individually can be laid in the cover plate.
- Pictograms for room and route marking can be inserted.

Technical data

Rated voltage: AC 230 V, 50 Hz
 Power consumption: 1.7 W/8.5 VA
 Light intensity (white): 2.2 cd
 Installation depth: 30 mm
 Connections
 - maximum: 1.5 mm²
 Ambient temperature: -15 °C to +40 °C

Notes

- Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

More information

Technical information → ⓘ 610

Specifications Order No. P. unit PS

LED orientation light 230 V~ RGB



System 55, Gira E22
1169 00 1/100 02

+ Optional accessories
 Rocker sw./btn 2-way sw./m-c **0139 00** → 226
 In.sheets 51 x 51 mm **2870 ..** → 232

Features

- LED orientation light for private and commercial use.
- The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms.
- RGB LEDs are used as light sources.
- The light colours white, blue, red, green and orange can be set consecutively, or a continuous colour cycle over the entire range of colours (approx. 5 min.) can be started via a control input.
- As a result, any desired colour can be set by stopping at the corresponding point.
- The brightness of the light can be set individually.
- A film which can be inscribed individually can be laid in the cover plate.
- Pictograms for room and route marking can be inserted.

Technical data

Rated voltage: AC 230 V, 50 Hz
 Power consumption: 1.8 W/2.0 VA
 Light intensity (white): 1.2 cd
 Installation depth: 30 mm
 Connections
 - maximum: 1.5 mm²
 Ambient temperature: -15 °C to +40 °C

Notes

- Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

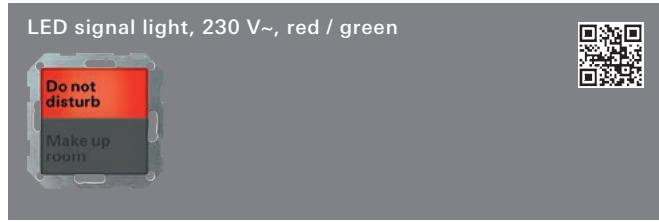
Scope of supply

- A stainless-steel slat (for glare reduction) is included with the LED orientation light.

More information

Technical information → ⓘ 610

Specifications Order No. P. unit PS



System 55	1171 00	1/100	02
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+ Optional accessories

Rocker sw. hotel room status displ. 1104 ..	→	59
For program-neutral rockers		
Blind rocker sw. 0159 00	→	227
In.sheets 51 x 51 mm 2870 ..	→	232

Features

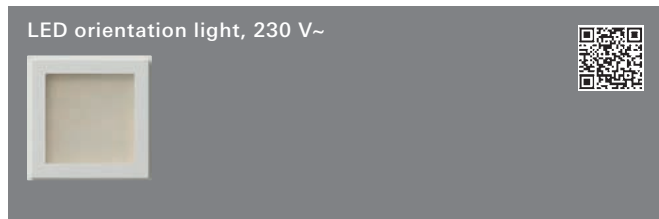
- The signal lamp can be used for implementing easy signals for doctor's offices, conference rooms or hotel rooms, for example.
- The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination.
- The two halves can be activated separately, e.g. by using a series switch.

Technical data

Rated voltage:	AC 230 V, 50 Hz
Power consumption:	1.0 W/5.6 VA
Light intensity	
- red:	0.1 cd
- green:	0.3 cd
Installation depth:	31 mm
Connections	
- maximum:	2.5 mm ²
Ambient temperature:	-15 °C to +40 °C
Dimensions in mm	
- Insert area:	W 55 H 55

Scope of supply

- Two inscription labels "Bitte warten" / "Bitte eintreten" and "Do not disturb" / "Make up room" are included.



TX_44, white LED lighting			
pure white	1161 66	1/5	13
anthracite	1161 67	1/5	13
colour aluminium	1161 65	1/5	13

TX_44, blue LED lighting			
pure white	1162 66	1/5	13
anthracite	1162 67	1/5	13
colour aluminium	1162 65	1/5	13

Features

- LED orientation light for private and commercial use.
- The orientation light can be used, for example, to illuminate stairs, as an orientation aid in dark halls or as accent lighting on building walls.
- Either white or blue LEDs are used as the light source, depending on the version.
- The LEDs require very little power and have a very long service life.
- The device is installed using a light outlet box or a normal device box.

Specifications Order No. P. unit PS

Technical data

Rated voltage:	AC 230 V, 50 Hz
Power consumption:	0.85 W/5.6 VA
Light intensity	
- white:	0.8 cd
- blue:	0.3 cd
Protection type for installation with seal ring in a device box:	IP44
Ambient temperature:	-15 °C to +50 °C

Notes

- For water-protected installation (IP44), the orientation light must be installed in a device box with a sealing ring (included in the scope of supply of the TX_44 frame).

More information

Technical information → ⓘ 610



System 55			
cream white glossy	0297 01	1	01
pure white glossy	0297 03	1	01
pure white matt	0297 27	1	01
anthracite	0297 28	1	11
colour aluminium	0297 26	1	11
N black matt	0297 005	1	11
N Black matt. New product.			

+ Optional accessories

Rocker sw. hotel room status displ. 1104 ..	→	59
--	---	----

Features

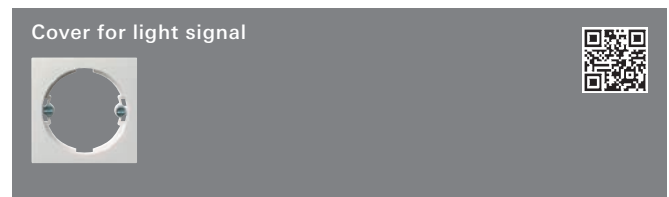
- With green and red 230 V LED, labelling, and pictogram.
- To display "Do not disturb" and "Make up room".

Technical data

Installation depth:	60 mm
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Notes

- Installation in a device box in accordance with DIN 49073 (using a deep device box is recommended).



System 55			
cream white glossy	0660 01	1	01
pure white glossy	0660 03	5	01
pure white matt	0660 27	1	01
anthracite	0660 28	1	11
colour aluminium	0660 26	1	11
N black matt	0660 005	1	11
N Black matt. New product.			

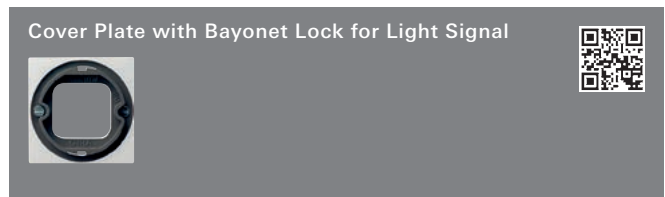
+ Necessary accessories

One of the following articles:			
Light sig. E10 0160 00	→	230	
Light sig. 0161 00	→	230	

+ Optional accessories

Plug-in cov.cap RD light sig. 0803 20	→	230
Plug-in cov.cap GN light sig. 0801 20	→	230
Plug-in cov.cap YE light sig. 0804 20	→	230
Plug-in cov.cap clear light sig. 0806 20	→	230
Plug-in cov.cap clear info.f. light sig. 0807 20	→	230

Specifications Order No. P. unit PS



System 55			
cream white glossy	0659 01	1	01
pure white glossy	0659 03	1	01
pure white matt	0659 27	1	01
anthracite	0659 28	1	11
colour aluminium	0659 26	1	11
N black matt	0659 005	1	11
N Black matt. New product.			

+ Necessary accessories
Light sig. 0161 00 → 230

+ Optional accessories
Cov.cap RD bayonet light sig. 0803 01 → 231
Cov.cap GN bayonet light sig. 0801 01 → 231
Cov.cap YE bayonet light sig. 0804 01 → 231
Cov.cap clear bayonet light sig. 0806 01 → 231

Light

Specifications Order No. P. unit PS

Gira energy profile and light profiles

The Gira energy profile and light profiles for outdoor use, with and without light elements. The profiles consist of powder-coated aluminium. For profiles of up to 1400 mm, the feet elements also consist of powder-coated aluminium. For profiles of more than 1400 mm, the feet elements consist of powder-coated steel. Also in the colour anthracite in accordance with the GSB standard. The surface is resistant to weather, UV rays, dirt and scratches.

Notes

- For profile heights **up to** 1400 mm, an optional ground anchor can be used to facilitate mounting on a stone or concrete base.
- For profile heights of **more than** 1400 mm, mounting on stone or concrete is only possible using 3 heavy-duty wall anchor.
- Recommendation: Mount an RCCB prior to the device.



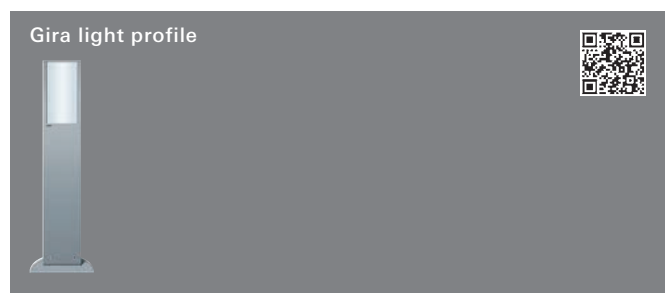
Light element, 3 empty units, height 769 mm

anthracite	1349 28	1	17
colour aluminium	1349 26	1	17

Light element, 3 empty units, height 1600 mm

anthracite	1353 28	1	17
colour aluminium	1353 26	1	17

Functional description



Height 491 mm

anthracite	1344 28	1	17
colour aluminium	1344 26	1	17

Height 769 mm

anthracite	1343 28	1	17
colour aluminium	1343 26	1	17

Functional description

Blind controller

Inserts	324
System 3000 inserts	325
Blind controller top units from the System 3000	326
eNet surface-mounted wireless blind button	327
KNX blind actuators	328
KNX shutter actuator	328
Sensors	329
Cut-off relay	329



Convenient automatic or manual blind control

There are various switches and buttons available from Gira for controlling blinds and shutters. Raising and lowering can be performed manually, or via an automated function. In combination with sensors, blinds and shutters can be intelligently controlled to prevent damage from strong winds, for example. Switches and buttons for controlling blinds are available for conventional electrical systems as well as for the Gira eNet system.



Manual blind control

Raising and lowering blinds is a breeze with the blind control button: a short press of the button adjusts the slats, pressing the button for longer raises and lowers the blinds. The directions of movements are interlocked to securely prevent damage.



Time-controlled blind control

Use the System 3000 blind timer and timer Display to raise and lower blinds and similar devices automatically. If the times are programmed, the blinds move all by themselves at the right times. This function is ideal for simulating a presence in the home, for example: home owners can go on holiday with the peace of mind of knowing that blinds, shutters or awnings are controlled by the system at set times.



Automatic blind controller

Blinds that react to wind, rain or sun – no problem with the automatic blind controller system from Gira. This is made possible by sensors that measure humidity, wind speed, brightness or temperature and issue corresponding commands to the blinds depending on the settings made.



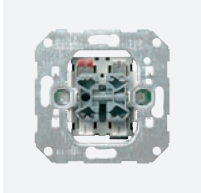
Group function

If several blinds are to be controlled simultaneously, a number of controllers can be grouped together. One device in the system serves as the master device and transmits the control commands to all the downstream devices. Each blind can, of course, also be locally controlled individually. Group control makes good sense, for example in a single-family house or in smaller office spaces.



Wireless control of blinds

Control blinds, shutters or awnings easily – no need to get up: use the wireless blind control button and the wireless hand-held transmitter from the Gira eNet system. This lets you control blinds in different rooms simultaneously, for example. Connected sun sensors automatically protect furniture and plants from too much sun. Even if no one is home.



Inserts
→ 324



System 3000 inserts
→ 325



System 3000 top
units
→ 326



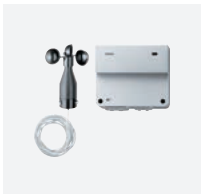
eNet surface-
mounted wireless
blind button
→ 327



KNX blind actuators
→ 328



KNX shutter
actuator
→ 328









Sensors
→ 329



Cut-off relay
→ 329

Blind controller

			Blind controller	
			 <p>Blind controller insert with auxiliary input 5414 00 → 259</p>	 <p>Blind controller insert w/o auxiliary input 5415 00 → 259</p>
 <p>Operating top unit and operating top unit arrow symbols → 260</p>	<p>5360.. 5361..</p>		Up/down Specific position	Up/down Specific position
 <p>Memory operating top unit → 261</p>	<p>5363..</p>		Up/down Specific position Memory	Up/down Specific position Memory
 <p>Blind timer and timer Display → 261</p>	<p>5366..</p>		Up/down, position Memory Blind timer	Up/down, position Memory Blind timer
 <p>Blind timer and timer BT → 262</p>	<p>5367..</p>		Up/down, position Blind timer App control	Up/down, position Blind timer App control

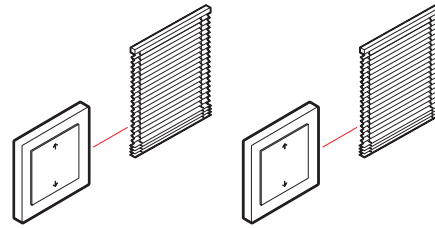
Blind controller

Operating options for blinds

The Gira blind controller provides three control options. The control pulses can be individually configured as needed. Combine inserts and operating top units from both blind controller systems in a single system using the auxiliary inputs.

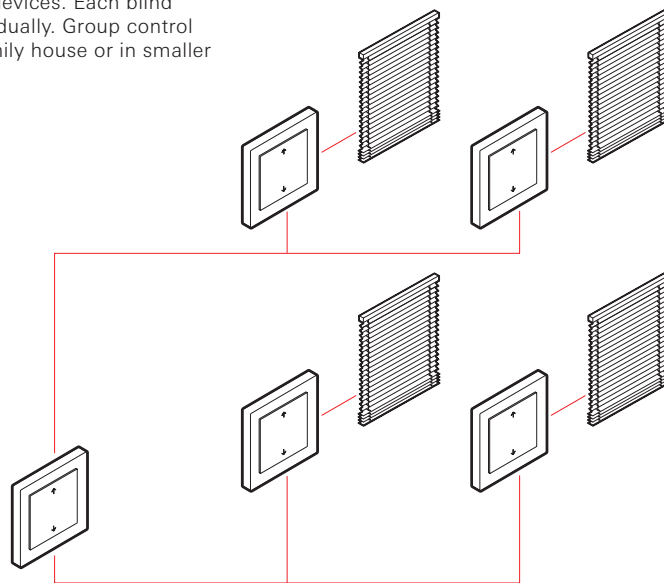
Individual control

When there are only a few blinds to control, for example in small flats, individual control on-site is a good solution. Of course this can be done with the press of a button, via remote control, or by using timers or sensors.



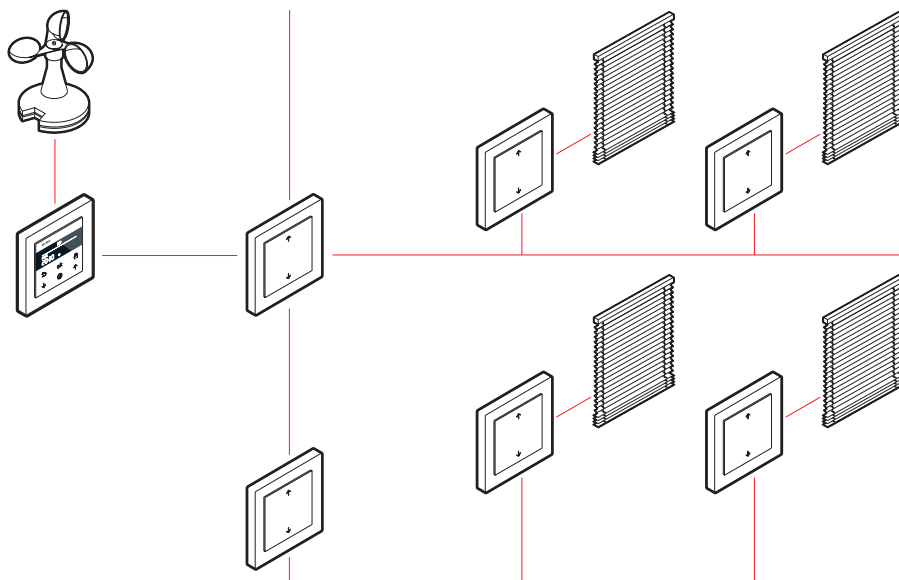
Group control

One device in the system serves as the master device and transmits the control commands to all the downstream devices. Each blind can, of course, also be locally controlled individually. Group control makes good sense, for example in a single-family house or in smaller office spaces.



Central control


In larger buildings, e. g. office buildings, all blinds can be controlled from a single point, for example to protect them against an approaching storm. This can even be automated using a wind sensor. To this end, the devices of each floor are grouped and an additional insert is installed as higher-level master. The blinds can then also be controlled for each floor separately, or individually on site.



Specifications Order No. P. unit PS

Inserts

Blind rocker switch insert 10 A 250 V~



0159 00 10/100 01

- + Necessary accessories**
 Rocker 2-g arrow sym. **0294 ..**
 - System 55 → 75
 - E22 aluminium → 172

- + Optional accessories**
Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

- Features**
 - With block to prevent both sides from being switched on.
 - Locked both electrically and mechanically.


Technical data

Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

- Notes**
 - Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.

More information
 Technical information → ⓘ631

Blind rocker button insert 10 A 250 V~



0158 00 10/100 01

- + Necessary accessories**
 Rocker 2-g arrow sym. **0294 ..**
 - System 55 → 75
 - E22 aluminium → 172

- + Optional accessories**
Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

- Features**
 - With block to prevent both sides from being switched on.
 - Locked both electrically and mechanically.

Technical data

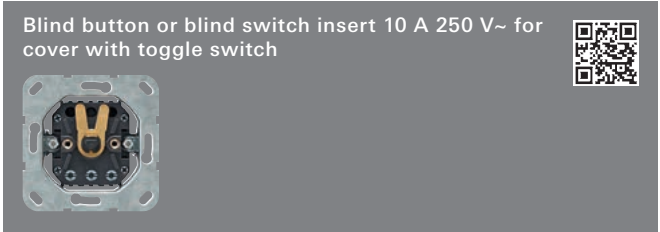
Installation depth:	28 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

- Notes**
 - Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.

More information
 Technical information → ⓘ631

Specifications Order No. P. unit PS

Blind button or blind switch insert 10 A 250 V~ for cover with toggle switch



Group button or switch			
1-pole	0154 00	1/5	01
Group button or switch, 2-pole	0157 00	1/5	01

- + Necessary accessories**
 Cov. toggle sw. time sw. + blind sw./btn **0666 ..**
 - System 55 → 75
 - E22 aluminium → 172

- + Optional accessories**
Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

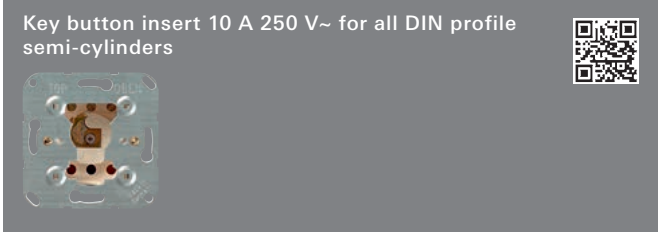
Technical data

Installation depth:	31 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

- Notes**
 - Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.
 - Button function upon rotation of the toggle switch. After removing the brass locking mechanism, button function upon slight rotation of the knob. When fully rotating the knob, the switch engages.

More information
 Technical information → ⓘ631

Key button insert 10 A 250 V~ for all DIN profile semi-cylinders



Button, 1-pole (also group button)	0163 00	1/5	02
------------------------------------	----------------	-----	----

- + Necessary accessories**
 Cov. key sw./btn **0664 ..**
 - System 55 → 75
 - E22 aluminium → 172

- + Optional accessories**
Profile semi-cylinder
 Profile semi-cyl. diff.lock **0001 00** → 233
 Profile semi-cyl. id.lock **0002 00** → 233
 Profile semi-cyl. VdS class B **0003 00** → 233
Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

Technical data

Installation depth:	40 mm
Connections	
- maximum:	2 x 2.5 mm ²
- minimum:	2 x 1.5 mm ²

- Notes**
 - Not suitable for installation in surface-mounted housings.
 - Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.
 - For screw mounting only.

Blind controller

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----



Scope of supply

- The cylinder lock is **not** included in the scope of supply.

More information

Technical information → ⓘ 631

Key switch insert 10 A 250 V~ for all DIN profile semi-cylinders

Switch, 2-pole (also group switch) **0144 00** 1/25 02

+ Necessary accessories

Cov. key sw./btn **0664 ..**
 - System 55 → 75
 - E22 aluminium → 172

+ Optional accessories

Profile semi-cylinder
 Profile semi-cyl. diff.lock **0001 00** → 233
 Profile semi-cyl. id.lock **0002 00** → 233
 Profile semi-cyl. VdS class B **0003 00** → 233
Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Blind cont. 230 V + aux.input **0398 00** → 556

Technical data

Installation depth: 40 mm
 Connections
 - maximum: 2 x 2.5 mm²
 - minimum: 2 x 1.5 mm²

Notes

- Not suitable for installation in surface-mounted housings.
 - Suitable for use as an auxiliary input for the blind controller insert with auxiliary input.
 - For screw mounting only.

Scope of supply

- The cylinder lock is **not** included in the scope of supply.



More information

Technical information → ⓘ 631

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

System 3000 inserts

N New product.
 System 3000 blind controller insert without auxiliary input

5415 00 1 02



+ Necessary accessories

One of the following articles:
 S3000 op.top **5360 ..** → 326
 S3000 op.top arrow symbols **5361 ..** → 326
 S3000 op.top Memory **5363 ..** → 326
 S3000 blind timer + timer Display **5366 ..** → 326

+ Optional accessories

Auxiliary unit for
 S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
 Functional description → 259

N New product.
 System 3000 blind controller insert with auxiliary input

5414 00 1 02

+ Necessary accessories

One of the following articles:
 S3000 op.top **5360 ..** → 326
 S3000 op.top arrow symbols **5361 ..** → 326
 S3000 op.top Memory **5363 ..** → 326
 S3000 blind timer + timer Display **5366 ..** → 326

+ Optional accessories

Auxiliary inserts
 Blind rocker sw. **0159 00** → 324
 Blind rocker btn **0158 00** → 324
 Blind btn/sw. group btn/sw. 1-p **0154 00** → 324
 Blind btn/sw. group btn/sw. 2-p **0157 00** → 324
 Key btn 1-p **0163 00** → 228
 Key sw. 2-p **0144 00** → 325
Water-protected surface-mounted IP44 auxiliary units
 Blind sw./btn 1-p in.sp. **0154 30** → 200
 Key btn 1-p **0163 30** → 200
 Key sw. 2-p **0144 30** → 200

Functional description → 259

Blind controller

Specifications Order No. P. unit PS

Blind controller top units from the System 3000

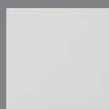
Features

- Operation with blind controller insert from System 3000.
- Operating blinds, shutters and awnings.
- With the blind controller insert, an individual intermediate position can be saved.
- Can also be used for light applications.

Technical data

Ambient temperature: -5 °C to +45 °C

N New product.
Replaces Standard blind control button top unit
0634 .., 2324 ..
System 3000 operating top unit



System 55

cream white glossy	5360 01	1	02
pure white glossy	5360 03	1	02
pure white matt	5360 27	1	02
anthracite	5360 28	1	02
colour aluminium	5360 26	1	02
black matt	5360 005	1	02
stainless steel	5360 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

aluminium	5360 203	1	02
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+ Necessary accessories

One of the following articles:

S3000 blind ctrl.ins. w/o aux.inputs	5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs	5414 00	→	325

Functional description	→	260
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N New product.
Replaces Standard blind control button top unit
0634 .., 2324 ..
System 3000 operating top unit arrow symbols



System 55

cream white glossy	5361 01	1	02
pure white glossy	5361 03	1	02
pure white matt	5361 27	1	02
anthracite	5361 28	1	02
colour aluminium	5361 26	1	02
black matt	5361 005	1	02
stainless steel	5361 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

aluminium	5361 203	1	02
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+ Necessary accessories

One of the following articles:

S3000 blind ctrl.ins. w/o aux.inputs	5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs	5414 00	→	325

Functional description	→	260
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Specifications Order No. P. unit PS

N New product.
Replaces Standard blind control button top unit with
memory function **0822 ..**
System 3000 operating top unit Memory



System 55

cream white glossy	5363 01	1	02
pure white glossy	5363 03	1	02
pure white matt	5363 27	1	02
anthracite	5363 28	1	02
colour aluminium	5363 26	1	02
black matt	5363 005	1	02
stainless steel	5363 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

aluminium	5363 203	1	02
-----------	-----------------	---	----

+ Necessary accessories

One of the following articles:

S3000 blind ctrl.ins. w/o aux.inputs	5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs	5414 00	→	325

+ Optional accessories

S3000 rocker 2-g blank	5369 ..	→	267
------------------------	----------------	---	-----

Functional description	→	261
------------------------	---	-----

N New product.
Replaces electronic blind controller top unit easy
0841 ..
System 3000 blind timer and timer Display



System 55

cream white glossy	5366 01	1	02
pure white glossy	5366 03	1	02
pure white matt	5366 27	1	02
anthracite	5366 28	1	02
colour aluminium	5366 26	1	02
black matt	5366 005	1	02
stainless steel (lacquered)	5366 600	1	02

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

Aluminium (lacquered)	5366 203	1	02
-----------------------	-----------------	---	----

+ Necessary accessories

One of the following articles:

S3000 blind ctrl.ins. w/o aux.inputs	5415 00	→	325
S3000 blind ctrl.ins. + aux.inputs	5414 00	→	325

Functional description	→	261
------------------------	---	-----

Specifications Order No. P. unit PS

N New product.
Replaces 1308 .., 1309 .., 0385 ...
System 3000 blind timer and timer BT




System 55			
cream white glossy	5367 01	1	02
pure white glossy	5367 03	1	02
pure white matt	5367 27	1	02
anthracite	5367 28	1	02
colour aluminium	5367 26	1	02
black matt	5367 005	1	02
stainless steel	5367 600	1	02

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
aluminium 5367 203 1 02

+ Necessary accessories
S3000 blind ctrl.ins. w/o aux.inputs 5415 00 → 325
S3000 blind ctrl.ins. + aux.inputs 5414 00 → 325



+ Optional accessories
S3000 brightn. + temp.sens. BT 5466 02 → 263
S3000 rocker 2-g blank 5369 .. → 267

Functional description → 262

Specifications Order No. P. unit PS

eNet surface-mounted wireless blind button

eNet wireless blind control button top unit, 1-gang

System 55			
cream white glossy	5491 01	1/5	42
pure white glossy	5491 03	1/5	42
pure white matt	5491 27	1/5	42
anthracite	5491 28	1/5	42
colour aluminium	5491 26	1/5	42
N black matt	5491 005	1	42
stainless steel	5491 600	1/5	42



N Black matt. New product.

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
aluminium 5491 203 1/5 42

+ Necessary accessories
One of the following articles:
Blind cont. 230 V w/o aux.input 0399 00 → 556
Blind cont. 230 V + aux.input 0398 00 → 556

Functional description → 556

Blind controller insert 230 V~ without auxiliary input






0399 00 1/5 22

+ Necessary accessories
Gira eNet WL top blind ctrl.btn 1-g 5491 .. → 556

Functional description → 556

Blind controller insert 230 V~ with auxiliary input

0398 00 1/5 02

+ Necessary accessories
Gira eNet WL top blind ctrl.btn 1-g 5491 .. → 556

+ Optional accessories
Auxiliary inserts
Blind rocker sw. 0159 00 → 324
Blind rocker btn 0158 00 → 324
Blind btn/sw. group btn/sw. 1-p 0154 00 → 324
Blind btn/sw. group btn/sw. 2-p 0157 00 → 324
Key btn 1-p 0163 00 → 228
Key sw. 2-p 0144 00 → 325
Water-protected surface-mounted IP44 auxiliary units
Blind sw./btn 1-p in.sp. 0154 30 → 200
Key btn 1-p 0163 30 → 200
Key sw. 2-p 0144 30 → 200



Functional description → 556

Blind controller

Specifications Order No. P. unit PS

KNX blind actuators



KNX blind actuator, 4-gang DC 24 V with manual actuation

DRA plus **2154 00** 1/100 26

Functional description → 520



KNX blind actuator, 2-gang AC 230 V with manual actuation

DRA plus **2152 00** 1 26

Functional description → 521



KNX blind actuator, 4-gang AC 230 V / DC 12 - 48 V with manual actuation

DRA plus **1039 00** 1/100 26

Functional description → 521

KNX blind actuator, 8-gang AC 230 V / DC 12 - 48 V with manual actuation



DRA plus **2161 00** 1/100 66

Functional description → 521

Specifications Order No. P. unit PS

KNX shutter actuator

KNX shutter actuator, 4-gang AC 230 V with manual actuation

DRA plus **2160 00** 1/100 26

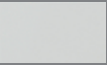

Functional description → 522

Blind controller

Specifications Order No. P. unit PS

Sensors

N New product.
Replaces **0930 00**.
System 3000 brightness and temperature sensor BT






5466 02 1 02

+ Necessary accessories
S3000 blind timer + timer BT **5367 ..** → 262

Functional description → 263

KNX weather station Standard

2150 04 1 06

+ Necessary accessories
One of the following articles:
Pow.supply AC 24 V 1 A DRA **1024 00** → 537
Pow.supply DC 24 V 700 mA DRA **2570 00** → 392
Pow.supply DC 24 V 300 mA DRA **1296 00** → 392
Pow.supply DC 24 V 700 mA DRA **2570 00** → 392

Functional description → 533

KNX weather station Plus




2074 00 1 06

+ Necessary accessories
One of the following articles:
Pow.supply AC 24 V 1 A DRA **1024 00** → 537
DC pow.supply unit 24 V 5 A DRA **0535 00** → 393

Functional description → 533

Specifications Order No. P. unit PS

Cut-off relay

Features

- Simultaneous control of more than one blind drive.
- In each case, two drives are electrically decoupled with one cut-off relay.
- With two auxiliary inputs for the individual operation of the blinds and a central input for a central function, e.g. of a timer or for implementing central controllers for distribution among several RCCBs.

Technical data
Rated voltage: AC 230 V, 50 Hz
Switching current: 4 A, $\cos \phi \geq 0.8$ ind.,
100 % switch-on duration 100 %

Connections

- Power supply: 2 x screw terminals
- Central: 2 x screw terminals
- Drive 1, 2: 2 screw terminals each
- Auxiliary unit 1, 2: 1 screw terminal each

Ambient temperature: -25 °C to +70 °C

2-gang cut-off relay




Flush-mounted **0382 00** 5/5 02

Technical data
Installation depth: 21.5 mm

Notes
- The flush-mounted cut-off relay is mounted in a device box (Using a deep device box is recommended.)

More information
Technical information → [i 656](#)

2-gang cut-off relay




Surface-Mounted **0387 00** 1 02

Technical data
Installation depth: 39 mm

Scope of supply
- The surface-mounted cut-off relay is delivered in a water-protected junction box for installation in the blind or shutter box.

More information
Technical information → [i 656](#)

Blind controller

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----



DRA	0861 00	1	02
-----	---------	---	----

Technical data

Dimensions

- Modular widths (MW): 2.5

Notes

- The DRA cut-off relay is mounted on a cap profile rail.

More information

Technical information → [i 656](#)

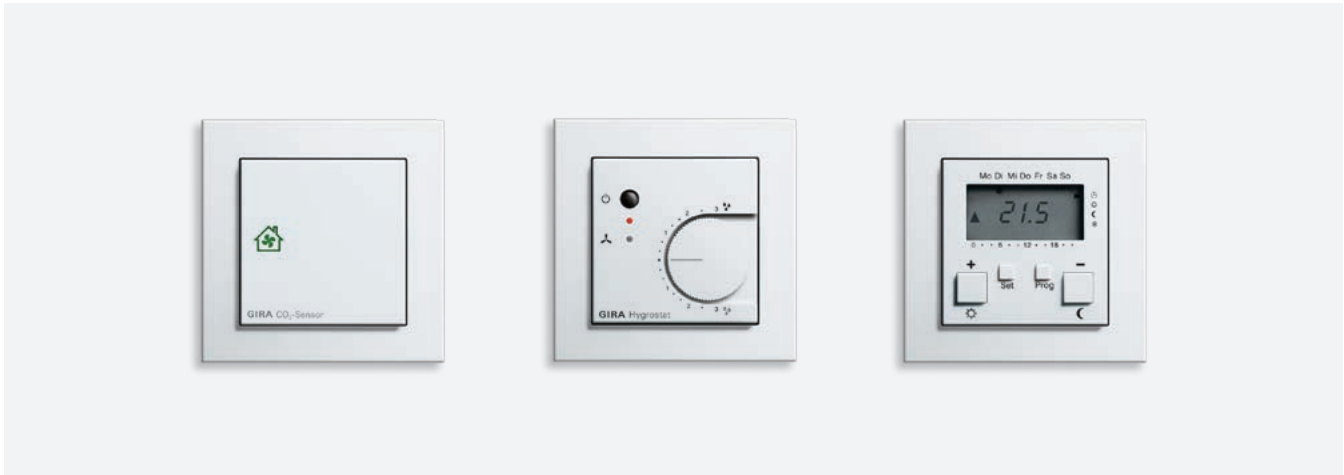
Room Temperature Controller	334
Ventilation, air conditioning	338
Heating	341
Accessories	342

Heating, ventilation, air conditioning



Heating, ventilation, air conditioning

Wellbeing means: the right temperature, a healthy degree of humidity and perfect air quality in the room at all times. Ideally this is automatically controlled as needed, but also with intuitive control options for individual adjustments. With the option of integrating the control of heating, ventilation and air conditioning into an intelligent building technology network, thereby opening up a new dimension with regard to convenience and energy efficiency. Gira products for climate and heating control can be combined with the various Gira design lines: for coherent design that matches the most diverse architectural styles.



Control in conventional installations

Gira offers a variety of products for controlling the room climate via heating and ventilation, including room temperature controllers, a hygrostat for regulating humidity and a CO₂ sensor for monitoring air quality in the room. This ensures comfort and wellbeing, but it also helps to preserve the building, for example by combating mould.

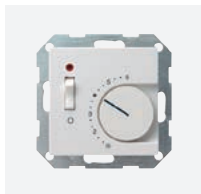
And last, but not least, automatic room climate control offers great potential for energy savings, especially when retrofitted in buildings with a conventional installation.



Controlling heating, ventilation and air conditioning with KNX

Networking heating, ventilation and air conditioning with other building technology systems via KNX opens up a new dimension of operating convenience, functionality and energy efficiency. Gira offers a wide range of KNX devices for this purpose, e. g. KNX continuous controllers for individual room temperature control, KNX heating actuators for controlling electrothermic servos, or the

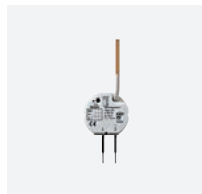
KNX CO₂ sensors. The design of the operating devices perfectly matches the various Gira design lines. Central control units like the Gira G1 enable convenient control of the KNX system; the Gira HomeServer and Gira FacilityServer add further connectivity and include the multi-award winning Gira Interface.



Room temperature controller
→ 334



Ventilation, air conditioning
→ 338



Heating
→ 341



Accessories
→ 342

Heating, ventilation,
air conditioning

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Room Temperature Controller

Room temperature controller 230/10 (4) A~ with NC contact, 1-way switch and control light



System 55			
cream white glossy	0392 01	1/5	22
pure white glossy	0392 03	1/5	22
pure white matt	0392 27	1/5	22
anthracite	0392 28	1/5	02
colour aluminium	0392 26	1/5	02
N black matt	0392 005	1	02
stainless steel	0392 600	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	0392 203	1	02

+ Optional accessories			
Therm.servo 230 V 2169 00			→ 341

Technical data	
Rated voltage:	AC 230 V, 50 Hz
Rated current:	10 (4) A
Connected load:	2200 W
Switching temperature differential:	approx. 0.5 K
Night-time reduction:	approx. 4 K
Energy class:	I = 1 %
Installation depth:	25 mm
Connections	
- maximum:	2.5 mm ²
- minimum:	1.0 mm ²
Ambient temperature:	+5 °C to +30 °C

Notes
 - For screw mounting only.
 - Flat design.

More information
 Technical information → i 627

Room temperature controller 230/10 (4) A~ with NC contact



System 55			
cream white glossy	0390 01	1/5	02
pure white glossy	0390 03	1/5	02
pure white matt	0390 27	1/5	02
anthracite	0390 28	1/5	02
colour aluminium	0390 26	1/5	02
N black matt	0390 005	1	02
stainless steel	0390 600	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	0390 203	1	02

+ Optional accessories			
Therm.servo 230 V 2169 00			→ 341

Specifications	Order No.	P. unit	PS
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Technical data

Rated voltage:	AC 230 V, 50 Hz
Rated current:	10 (4) A
Connected load:	2200 W
Switching temperature differential:	approx. 0.5 K
Night-time reduction:	approx. 4 K
Energy class:	I = 1 %
Installation depth:	25 mm
Ambient temperature:	+5 °C to +30 °C

Notes
 - For screw mounting only.
 - Flat design.

More information
 Technical information → i 627

Room temperature controller 230/5 (2) A~ with 2-way switch



System 55			
cream white glossy	0396 01	1/5	02
pure white glossy	0396 03	1/5	02
pure white matt	0396 27	1/5	02
anthracite	0396 28	1/5	02
colour aluminium	0396 26	1/5	02
N black matt	0396 005	1	02
stainless steel	0396 600	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	0396 203	1	02

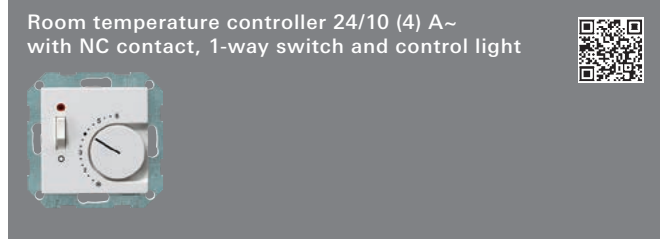
+ Optional accessories			
Therm.servo 230 V 2169 00			→ 341

Technical data	
Rated voltage:	AC 230 V, 50 Hz
Rated current	
- Heating (NC contact):	10 (4) A
- Cooling (NO contact):	5 (2) A
Connected load	
- Heating (NC contact):	2200 W
- Cooling (NO contact):	1100 W
Switching temperature differential:	approx. 0.5 K
Energy class:	I = 1 %
Installation depth:	25 mm
Ambient temperature:	+5 °C to +30 °C

Notes
 - For screw mounting only.
 - Flat design.

More information
 Technical information → i 627

Specifications Order No. P. unit PS



System 55			
cream white glossy	0393 01	1/5	02
pure white glossy	0393 03	1/5	02
pure white matt	0393 27	1/5	02
anthracite	0393 28	1/5	02
colour aluminium	0393 26	1/5	02
N black matt	0393 005	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium **0393 203** 1 02

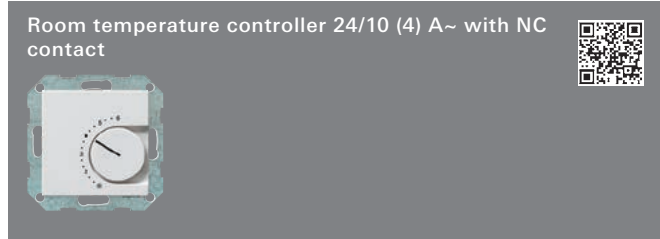
+ **Optional accessories**
 Therm.servo 24 V **2179 00** → 342

Technical data

Rated voltage:	AC 24 V
Rated current:	10 (4) A
Connected load:	approx. 240 W
Switching temperature differential:	approx. 0.5 K
Night-time reduction:	approx. 4 K
Energy class:	I = 1 %
Installation depth:	25 mm
Connections	
- maximum:	2.5 mm ²
- minimum:	1.0 mm ²
Ambient temperature:	+5 °C to +30 °C

Notes
 - For screw mounting only.
 - Flat design.

More information
 Technical information → [i 628](#)



System 55			
cream white glossy	0391 01	1/5	02
pure white glossy	0391 03	1/5	02
pure white matt	0391 27	1/5	02
anthracite	0391 28	1/5	02
colour aluminium	0391 26	1/5	02
N black matt	0391 005	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium **0391 203** 1 02

+ **Optional accessories**
 Therm.servo 24 V **2179 00** → 342

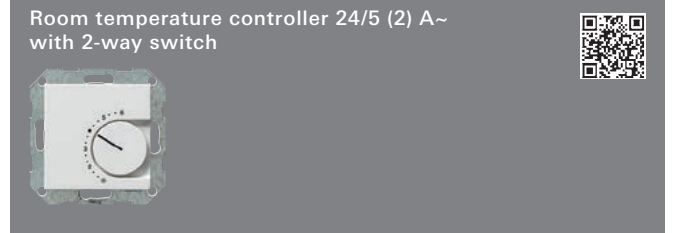
Specifications Order No. P. unit PS

Technical data

Rated voltage:	AC 24 V
Rated current:	10 (4) A
Connected load:	approx. 240 W
Switching temperature differential:	approx. 0.5 K
Night-time reduction:	approx. 4 K
Energy class:	I = 1 %
Installation depth:	25 mm
Ambient temperature:	+5 °C to +30 °C

Notes
 - For screw mounting only.
 - Flat design.

More information
 Technical information → [i 628](#)



System 55			
cream white glossy	0397 01	1/5	02
pure white glossy	0397 03	1/5	02
pure white matt	0397 27	1/5	02
anthracite	0397 28	1/5	02
colour aluminium	0397 26	1/5	02
N black matt	0397 005	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium **0397 203** 1 02

+ **Optional accessories**
 Therm.servo 24 V **2179 00** → 342

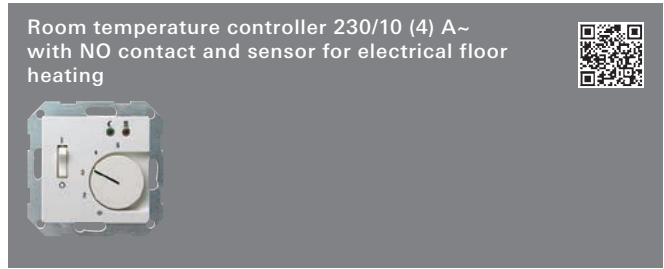
Technical data

Rated voltage:	AC 24 V
Rated current	
- Heating (NC contact):	10 (4) A
- Cooling (NO contact):	5 (2) A
Connected load	
- Heating (NC contact):	approx. 240 W
- Cooling (NO contact):	approx. 120 W
Switching temperature differential:	approx. 0.5 K
Energy class:	I = 1 %
Installation depth:	25 mm
Ambient temperature:	+5 °C to +30 °C

Notes
 - For screw mounting only.
 - Flat design.

More information
 Technical information → [i 628](#)

Specifications Order No. P. unit PS



System 55			
cream white glossy	0394 01	1	02
pure white glossy	0394 03	1/100	02
pure white matt	0394 27	1	02
anthracite	0394 28	1/100	02
colour aluminium	0394 26	1	02
N black matt	0394 005	1	02
stainless steel	0394 600	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 0394 203 1 02

Features
 - Within one hour of continuous heating, the room temperature controller automatically interrupts the heating process for 5 minutes (the heater is switched off. Requirement of EN 50559).

Technical data

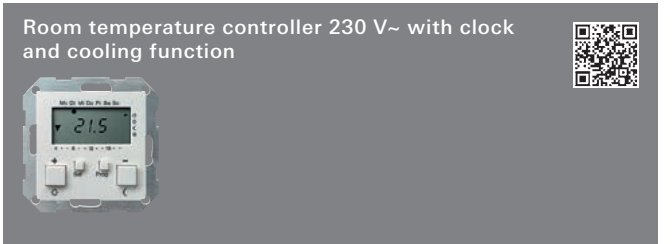
Rated voltage:	AC 230 V, 50 Hz
Rated current:	10 (4) A
Rated surge voltage:	4 kV
Connected load:	2200 W
Night-time reduction:	approx. 4 K
Energy class:	IV = 2 %
Ambient temperature:	0°C to +25°C
Solid conductor	
- Connections:	1 to 2.5 mm ²
Remote sensor	
- Connection cable:	4 m
- can be extended:	max. 50 m
- can be extended:	2 x 1.5 mm ²
Dimensions in mm	
- Sensor:	Ø 8,5 H 40

Notes
 - For screw mounting only.
 - Flat design.
 - Install remote sensor in empty tube in the floor.
 - The supply cable to the remote sensor can be extended to 50 m with a 2-wire cable (2 x 1.5 mm²).

Scope of supply
 - A sensor in the plastic cap is included in the scope of supply.

More information
 Technical information → ⓘ 627

Specifications Order No. P. unit PS



System 55			
cream white glossy	2370 01	1	02
pure white glossy	2370 03	1/100	02
pure white matt	2370 27	1/100	02
anthracite	2370 28	1/100	02
colour aluminium	2370 26	1/100	02
N black matt	2370 005	1	02
stainless steel	2370 600	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2370 203 1 02

+ Optional accessories
 Remote sens. RTC 1302 00 → 342
 Therm.servo 230 V 2169 00 → 341

Features
 - Electronic room temperature controller with integrated timer for temperature-based single-room control.
 - Heating units can be controlled directly using the switched output, for example.
 - Automatic changeover of "Heating" or "Cooling" operating modes using a separate input.
 - Room temperature control using an internal and/or external temperature sensor as a room temperature controller, as a floor temperature controller or as a floor temperature limiter.
 - Time program with up to 32 switching points (default settings pre-programmed at the factory).
 - Separate program for cooling function.
 - Party function for extending the comfort temperature by one, two, or three hours, or until the next switching point.
 - Energy-saving function for manual activation of the night-time reduction until the next switching point.
 - Automatic summer/winter switchover.
 - The hour display can be toggled between 12-hour and 24-hour mode.
 - Self-teaching heating optimisation.
 - Vacation reduction via date input.
 - Within one hour of continuous heating, the room temperature controller automatically interrupts the heating process for 5 minutes (the heater is switched off).









Technical data

Rated voltage:	AC 230 V, 50 Hz
Connection:	N conductor required
Switching current	
- cos φ = 1:	8 A
- cos φ = 0.6:	4 A
Relay contact:	1 x NO contact equipotential-bonding
Temperature range	
- Comfort/Night-time reduction:	+10 °C to +40 °C
Ambient temperature	
- Cooling temperature:	+10 °C to +40 °C
- Anti-freeze temperature:	+5 °C to +15 °C
- :	0 °C to +50 °C
Energy class:	I = 1 %
Installation depth:	33 mm.

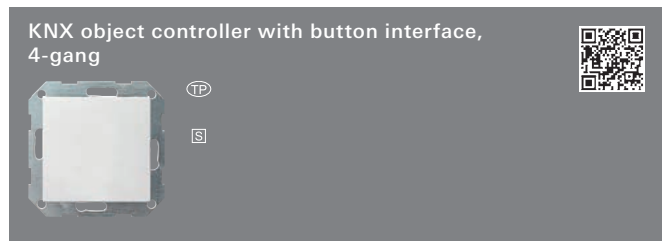
Notes
 - Remote sensor for measuring or controlling the floor temperature is optionally available.

More information
 Technical information → ⓘ 629

Heating, ventilation, air conditioning

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
<p>KNX pushbutton sensor 3 Komfort, 1-gang</p>  <p>System 55, Gira E22 Start-up rocker</p>	5131 00	1/5	46	<p>KNX pushbutton sensor 3 Komfort, 6-gang (3+3)</p>  <p>System 55, Gira E22 Start-up rocker</p>	5136 00	1/100	46
Functional description			→ 434	Functional description			→ 435
<p>KNX pushbutton sensor 3 Komfort 2-gang (1+1)</p>  <p>System 55, Gira E22 Start-up rocker</p>	5132 00	1/100	46	<p>KNX pushbutton sensor 3 Plus 2-gang</p>  <p>System 55, Gira E22 Start-up rocker</p>	5142 00	1/100	06
Functional description			→ 435	Functional description			→ 436
<p>KNX pushbutton sensor 3 Komfort, 3-gang</p>  <p>System 55, Gira E22 Start-up rocker</p>	5133 00	1/5	46	<p>KNX pushbutton sensor 3 Plus 5-gang (2+3)</p>  <p>System 55, Gira E22 Start-up rocker</p>	5145 00	1/100	06
Functional description			→ 435	Functional description			→ 436
<p>KNX pushbutton sensor 3 Komfort, 4-gang (1+3)</p>  <p>System 55, Gira E22 Start-up rocker</p>	5134 00	1/100	46	<p>KNX continuous controller with button interface, 4-gang</p>  <p>System 55</p>	2100 01	1	06
Functional description			→ 435	cream white glossy	2100 03	1/100	06
				pure white glossy	2100 27	1/100	06
				pure white matt	2100 28	1	06
				anthracite	2100 26	1/100	06
				colour aluminium	2100 005	1	06
				N black matt	2100 600	1	06
				stainless steel			
				N Black matt. New product.			
				D Discontinued item. Available until 12/2019.			
				Gira E22 aluminium	2100 203	1	06
				aluminium			
				Functional description			→ 448

Specifications Order No. P. unit PS



System 55	Order No.	P. unit	PS
cream white glossy	2101 01	1	06
pure white glossy	2101 03	1/100	06
pure white matt	2101 27	1	06
anthracite	2101 28	1	06
colour aluminium	2101 26	1	06
N black matt	2101 005	1	06
stainless steel	2101 600	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium	Order No.	P. unit	PS
aluminium	2101 203	1	06

Functional description → 448

Specifications Order No. P. unit PS

Ventilation, air conditioning

Electronic hygrostat 230 V~(AC)



System 55	Order No.	P. unit	PS
cream white glossy	2265 01	1	02
pure white glossy	2265 03	1	02
pure white matt	2265 27	1	02
anthracite	2265 28	1	02
colour aluminium	2265 26	1	02
N black matt	2265 005	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium	Order No.	P. unit	PS
aluminium	2265 203	1	02

Features

- The hygrostat detects the humidity and the room temperature using internal sensors and calculates the optimum air humidity for the respective measured temperature.
- For example, if the humidity exceeds the value set on the rotary knob, the hygrostat switches on a fan to dehumidify the room.
- A fixed setpoint control that can be activated by the installer (e.g. in public buildings) prevents unauthorised changing of the humidity setpoint value: In this case, 60% relative humidity is permanently set, regardless of the position of the rotary knob on the front of the device.
- The hygrostat monitors the switch-on time to prevent continuous operation of the fan in case of a generally high ambient humidity (e.g. when thunderstorms are possible).
- If the humidity does not drop below the set value after one hour, ventilation is interrupted for four hours.
- This interruption is indicated by an LED and can be manually affected with a button.

Technical data

Rated voltage:	AC 230 V, 50 Hz
Switching current	
- cos ϕ = 1:	8 A
- cos ϕ = 0.6:	4 A
Relay contact:	1 x NO contact equipotential-bonding
Control range:	20% to 95% rel. humidity
Measuring tolerance:	\pm 5% rel. humidity
Switching differential:	\pm 2%
Cable length to load:	max. 100 m
Installation depth:	33 mm.
Connections	
- maximum:	1.5 mm ²
Ambient temperature:	0 °C to +50 °C

Specifications Order No. P. unit PS



System 55	Order No.	P. unit	PS
cream white glossy	2381 01	1	02
pure white glossy	2381 03	1	02
pure white matt	2381 27	1	02
anthracite	2381 28	1	02
colour aluminium	2381 26	1	02
N black matt	2381 005	1	02
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium Aluminium (lacquered)	2381 203	1	02
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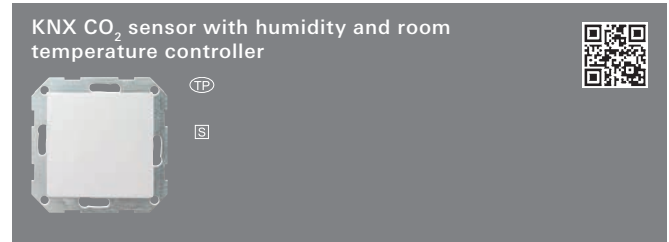
Features

- CO₂-sensor for monitoring CO₂ concentration in the ambient air.
- The air quality is indicated with a coloured (green or red) back-lit symbol (can be deactivated).
- Buzzer tone (deactivatable) when adjustable limit is exceeded.
- Relay 2-way switch for controlling functions (not suitable for direct switching).
- Operating elements (DIP switch, potentiometer) are located on the rear of the measuring module. Remove the measuring module from the supply module to access them.

Technical data

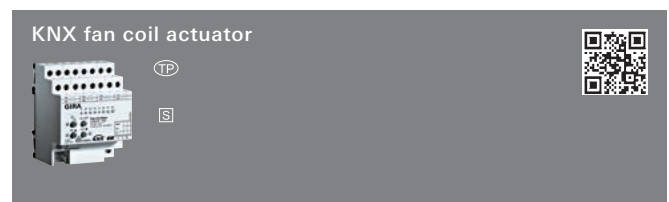
Rated voltage:	AC 230 to 240 V, 50 to 60 Hz
Limit value definition:	800 to 1500 ppm can be set
Power consumption:	≤ 3W
Switching current:	4 A
Relay contact:	1 x zero-voltage NO contact
Connections	
- maximum:	2.5 mm ²
Installation depth:	33 mm.
Ambient temperature:	-5 °C to +50 °C

Specifications Order No. P. unit PS



System 55	Order No.	P. unit	PS
cream white glossy	2104 01	1	06
pure white glossy	2104 03	1/100	06
pure white matt	2104 27	1	06
anthracite	2104 28	1	06
colour aluminium	2104 26	1	06
N black matt	2104 005	1	06
stainless steel	2104 600	1	06
N Black matt. New product.			

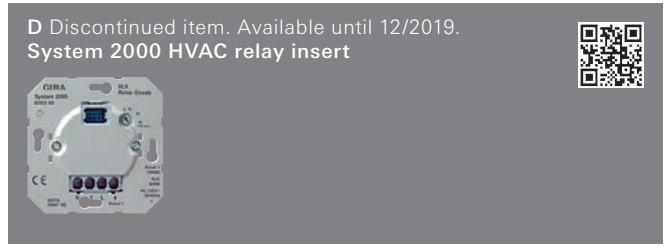
Functional description → 449



DRA plus	2163 00	1/100	26
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Functional description → 530

Specifications	Order No.	P. unit	PS
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	0303 00	1/100	02
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+ Necessary accessories
One of the following articles:

Top units for switching

System 2000 swit./dim. top 2316 ..			
- System 55	→	62	
- E22 aluminium	→	164	
System 2000 touch swit.top 2261 ..			
- System 55	→	53	
- E22 aluminium	→	160	
Gira eNet WL swit./dim. top 1-g 5490 ..	→	554	
Automatic light control top units			
Auto.ctrl.sw. Standard 1.10m 1300 ..	→	306	
Auto.ctrl.sw. 2 Standard 2.20m 2301 ..	→	307	
Auto.ctrl.sw. Komfort 1.10 m 0661 ..	→	306	
Auto.ctrl.sw. 2 Komfort 2.20 m 2302 ..	→	308	
Auto.ctrl.sw. 360° 2270 ..	→	308	
Pres.detec.Komfort top 0317 ..	→	309	

+ Optional accessories

Auxiliary inputs

S2000 aux.unit 2-wire 0333 00	→	280	
S2000 aux.unit 3-wire 0335 00	→	281	

Features

- The HVAC relay insert has a non-isolated 230 V switching channel (Channel 1) for switching the lighting and another switching channel (zero-voltage Channel 2) for switching a second mains phase (no SELV voltage), e.g. for a fan or a heater.
- Delay time of Channel 2 can be set to one of five levels.
- The functionality of the HVAC relay insert depends on the top unit used.

Function as a delay switch:

- This function is achieved e.g. with a System 2000 top unit for switching and dimming or with a radio top unit for switching and dimming.
- Channel 1 is switched on or off during operation without delay.
- Channel 2 is switched on or off time-delayed depending on Channel 1.

Function as a HVAC switch:

- This function is achieved with a System 2000 Comfort automatic control switch top unit or System 2000 Standard presence detector top unit.
- Channel 1 is switched on depending on the ambient brightness when motion is detected. When motion is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.
- Channel 2 is switched on immediately or time-delayed when there is motion in the detection field. The ambient brightness does not affect the switching of Channel 2. When motion is no longer detected, the channel is switched off when the delay time set in the insert expires.

Specifications	Order No.	P. unit	PS
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Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Connection:	N conductor required
Connected load of Channel 1	
- Light bulbs:	1000 W
- HV halogen lamps:	1000 W
- Wound transformer:	750 VA
- Gira Tronic transformer:	750 W
- Fluorescent lamps, uncompensated:	500 VA
Connected load of Channel 2	
- Light bulbs:	800 W
- HV halogen lamps:	750 W
- Motors:	450 VA
Channel 1	
- Ohmic switching current:	10 A
- Switch-on current max. 4 s for switch-on duration of 10 %:	15 A
- Minimum switching current AC:	100 mA
Channel 2	
- Switching voltage:	AC 230 V
- Minimum switching voltage:	AC 12 V
- Switching current for AC 230 V, ohmic:	6 A
- Switch-on current:	max. 2.1 A
- Minimum switching current AC:	100 mA
Delay time of Channel 2:	2, 10, 30, 60, 120 min
Auxiliary inputs	
- Non-illuminated mechanical buttons:	unlimited
- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	unlimited
Cable length of auxiliary unit:	max. 100 m
Installation depth:	32 mm
Connections	
- Channel 1:	max. 4 mm ²
- HVAC:	
Ambient temperature:	+5 °C to +45 °C

More information

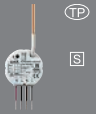

Technical information

→ i 643

Specifications Order No. P. unit PS

Heating



KNX combination actuator blind and heating

Flush-mounted **2164 00** 1 06

Functional description → 510



KNX heating actuator, 1-gang

Flush-mounted **2166 00** 1 06

Functional description → 511



KNX heating actuator, 6-gang with controller

DRA plus **2129 00** 1 66

Functional description → 528

KNX heating actuator Basic, 6-gang

DRA plus **2114 00** 1 26

Functional description → 529



KNX room actuator




DRA plus **2162 00** 1 26

Functional description → 531

KNX analogue actuator, 4-gang

DRA plus **1022 00** 1/100 26

Functional description → 532

Specifications Order No. P. unit PS

Thermal servo 230 V~




2169 00 1 06

- + Optional accessories**
- RTC 230 V NC con. 1-way + ctrl.l. **0392 ..** → 334
 - RTC 230/10 (4) A NC con. **0390 ..** → 334
 - RTC 230/5 (2) 2-way m-c **0396 ..** → 334
 - RTC 230 V clock + cool.fct **2370 ..** → 336
 - Valve adapter 1 **1124 00** → 342
 - Valve adapter 2 **1125 00** → 342
 - Valve adapter 3 **1126 00** → 342
 - Cab.branch 5-p **0400 00** → 233
 - Heat.act. 6-g cont. **2129 00** → 528

- Features**
- Thermal servo for actuating heating valves for single-room control.
 - Compatible with valve adapter system and the connection cable of the predecessor.
 - Status display for open or closed.
 - First-open function for easy installation and start-up.
 - Closed when de-energised.

Technical data

Operating voltage:	230 V AC, 50/60 Hz
Operating efficiency:	approx. 1 W
Valve stroke:	4 mm
Ambient temperature:	0 °C to 60 °C
Regulating power:	100 N
Protection type:	IP54
Connection cable	
- Cross section:	2 x 0.75 mm ²
- Length:	1 m
Dimensions in mm	
	W 58 H 58 D 45

- Scope of supply**
- Valve adapters VA 80 for the following corner valves are included in the scope of supply. Heimeier, MNG (from 1998), Oventrop M30x1.5 (from 1997), Oventrop Cocon Q, Onda, Schlösser (from 1993), Comap M30x1.5, Tour & Andersson (from 1999), IVAR, Strawa (new bracket from 2003), Taco (for Alpha drive from 2005), Emmeti, Caleffi distributor series 670, Bianchi 4-way valve, Nereus corner valve DN 10.

Heating, ventilation, air conditioning

Specifications	Order No.	P. unit	PS
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2179 00 1 06

+ Optional accessories

RTC 24/10 (4) A NC con. 1-way + ctrl.l. 0393 ..	→	335
RTC 24/10 (4) A NO con. 0391 ..	→	335
RTC 24/5 (2) A 2-way m-c 0397 ..	→	335
Valve adapter 1 1124 00	→	342
Valve adapter 2 1125 00	→	342
Valve adapter 3 1126 00	→	342
Cab.branch 5-p 0400 00	→	233
Heat.act. 6-g cont. 2129 00	→	528

Features

- Thermal servo for actuating heating valves for single-room control.
- Compatible with valve adapter system and the connection cable of the predecessor.
- Status display for open or closed.
- First-open function for easy installation and start-up.
- Closed when de-energised.

Technical data

Operating voltage:	AC/DC 24 V
Operating efficiency:	approx. 1 W
Valve stroke:	4 mm
Ambient temperature:	0 °C to 60 °C
Regulating power:	100 N
Protection type:	IP54
Connection cable	
- Cross section:	2 x 0.75 mm ²
- Length:	1 m
Dimensions in mm	
	W 58 H 58 D 45

Scope of supply

- Valve adapters VA 80 for the following corner valves are included in the scope of supply. Heimeier, MNG (from 1998), Oventrop M30x1.5 (from 1997), Oventrop Cocon Q, Onda, Schlösser (from 1993), Comap M30x1.5, Tour & Andersson (from 1999), IVAR, Strawa (new bracket from 2003), Taco (for Alpha drive from 2005), Emmeti, Caleffi distributor series 670, Bianchi 4-way valve, Nereus corner valve DN 10.



2176 00 1 06

Functional description → 530

Specifications	Order No.	P. unit	PS
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Accessories



black 1302 00 1 02

+ Necessary accessories

RTC 230 V clock + cool.fct **2370 ..** → 336

Technical data

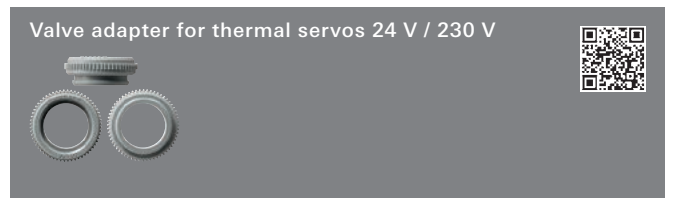
Connection cable:	4 m
Dimensions in mm	
- Sensor:	Ø 6 L 43

Notes

- Remote sensor for measuring the floor temperature in conjunction with the room temperature controller with clock.

More information

Technical information → i 598



Adapter for Dumser, Vescal, Simplex
1124 00 5 06

Adapter for MNG, Gazzaniga, Honeywell & Braukmann, Reich, Landis & Gyr
1125 00 5 06

Adapter for Danfoss RA
1126 00 5 06

+ Optional accessories

Therm.servo 230 V 2169 00	→	341
Therm.servo 24 V 2179 00	→	342

Features

- Valve adapter for the thermal servo 24 V or 230 V for adaptation to the various valve bases.

Heating, ventilation, air conditioning

Door communication

Gira door stations	345
Gira Home Stations	369
Gira system devices	383
Gira Keyless In	399

Training courses

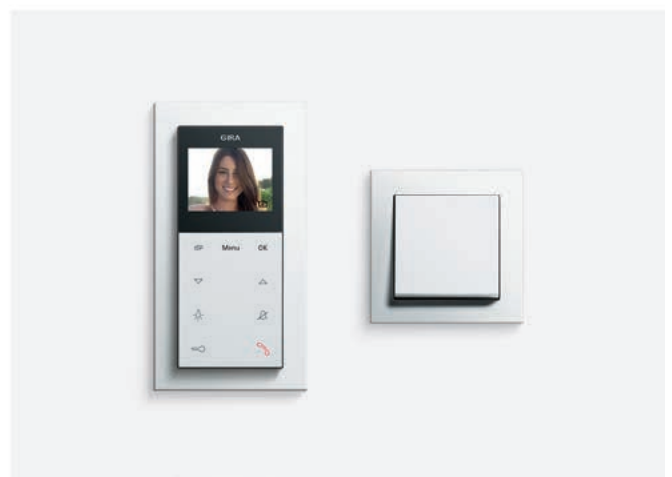
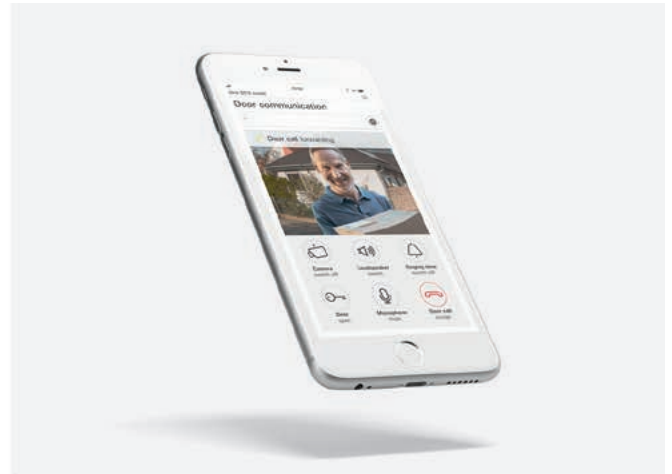
The "Door communication" and "DCS IP gateway" online distance learning courses are available free of charge at www.academy.gira.com alongside other training opportunities.

System Basics

"System basics of the Gira door communication system", available at www.download.gira.com

Gira Door Communication Configurator

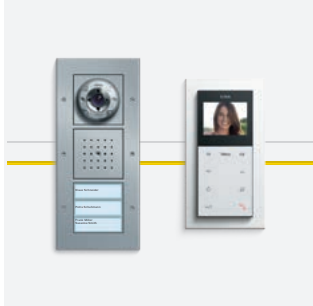
www.dcsconfigurator.gira.com



Door communication

Flexible solutions for indoor and outdoor use – including mobile access

Seeing who is at the door, conducting conversations in optimum voice quality and conveniently opening the door: the Gira door communication system provides solutions for all indoor and outdoor requirements. Access not only on your home WLAN but also when on the move: Gira presents DCS mobile, a new highlight in mobile door communications access. The range includes door intercoms to match the Gira design lines, video function, keyless access control, flexible operating options by connecting to IP networks, and much more.



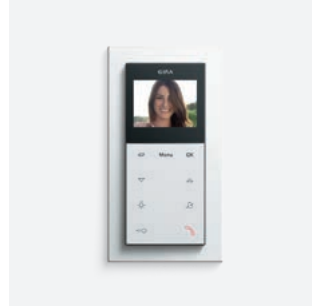
Easy installation and start-up

The Gira door communication system is based on the 2-wire bus. This means that only two lines are required for the transmission of all audio and video signals.



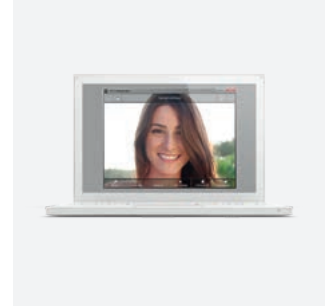
Matching the style of the design line

The door intercoms of the Gira door communication system are integrated in the Gira design lines. This means both unity of design for the entire electrical installation in the building and a large degree of freedom in selecting colour and design options.



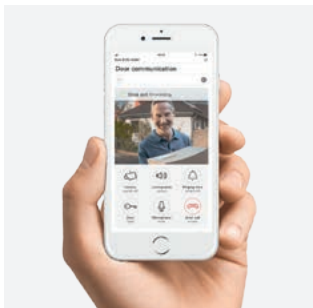
Home stations

Gira home stations are intercom and operating units at the apartment door. Gira offers devices for surface-mounted and flush-mounted installation that have a modular design and can be combined to match the Gira design lines. Additional solutions enable further functionality.



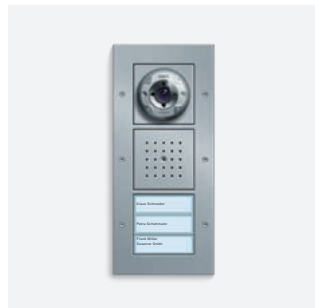
Network-enabled door communication

The Gira DCS IP gateway makes operating door communication even more convenient and flexible, as it integrates the Gira door and home stations into IP networks. This means that the Gira Control Clients, computers, and also IP-capable phones can be used for door communication all over the building.



DCS mobile: with high encryption and new features

Gira's DCS mobile sets a new standard for mobile door communications access. Also available as a function in the familiar DCS IP gateway for iOS and Android smartphones and now also through Gira's proprietary portal solution. Highly encrypted via Secure Data Access, which is also used in the Gira S1. New features include Early Media and conference calls. Implemented using the award-winning Gira interface design.



Door intercoms for outdoor use

Gira door stations serve as intercom and operating units for outdoor areas and are the counterparts to the home stations inside the building. They can be used to equip a wide range of properties, from single-family homes to large buildings with up to 136 residential units.



Easy start-up via GPA

With the new versions 3 and 4 in 2018, Gira is launching two major GPA releases, which incorporate the Gira door communication system start-up and can use the DCS interface to read out and service existing systems. There's no simpler or faster way to configure building technology. The standardised programming also means that master electricians who are already using GPA will need very little training. Once you've "learned" the GPA, you know all you need to know to place all the additional functions and devices into operation and link up the systems.



Keyless access to rooms and buildings

The Gira Keyless In provides secure access control without keys. Just scan your fingerprint or enter a numeric code to conveniently gain access to rooms and buildings according to your access authorisation.

Gira door stations

Door communication

System 106 Module	348
System 106 call buttons	352
System 106 call-button cover plate	352
System 106 surface-mounted housing	353
TX_44 flush-mounted door stations	354
TX_44 flush-mounted add-on modules	356
Stainless steel door stations	358
Stainless steel video door stations	360
TX_44 surface-mounted door stations	362
Built-in speaker	364
Installation profile	365
Gira energy profile and light profiles	366
Accessories	366

Training courses

The "Door communication" and "DCS IP gateway" online distance learning courses are available free of charge at www.academy.gira.com alongside other training opportunities.

System Basics

"System basics of the Gira door communication system", available at www.download.gira.com

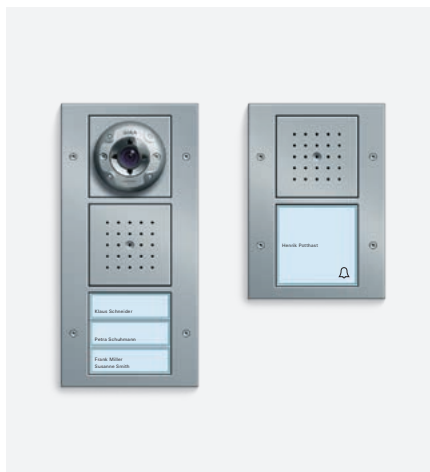
Gira Door Communication Configurator

www.dcsconfigurator.gira.com



See everything. Hear everything.

The Gira door stations serve as voice and operating units for outdoor areas and are thus the counterparts to the home stations inside the building. They can be used to equip a wide range of properties, from single-family homes to large buildings with up to 136 residential units. The range includes surface-mounted and flush-mounted versions, solutions for integration into existing systems and for installation in systems of various manufacturers.



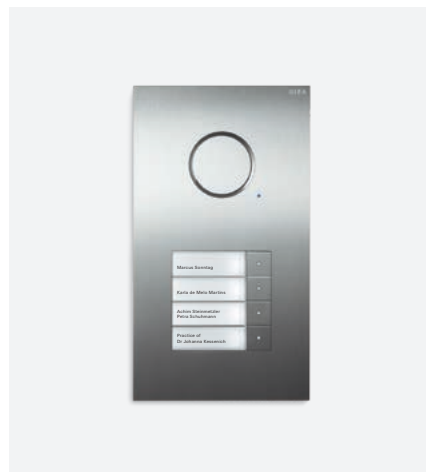
Gira door station TX_44

Gira door stations for flush-mounted installation are installed in combination with the cover frames from the Gira TX_44 design line. The basic variant is equipped with a door speaker, a microphone and a 1-gang or 3-gang call button. The door stations can be optionally extended to include additional flush-mounted components such as a colour camera, info module or Gira Keyless In Keypad.



Gira door communication profiles

Gira door stations can be integrated in the Gira energy profile. The Gira energy profile has empty units that can be outfitted with call buttons, door speakers, an info module or a colour camera. Other functions from the Gira TX_44 design line can also be used, e. g. an automatic control switch that automatically switches the light element of the Gira energy profile on and off when motion is detected.



Door station in stainless steel

The door station in stainless steel is beautiful and extremely robust. The front plate is made of high-quality stainless steel and is vandal-proof and weather-resistant. Everything from single-family houses to apartment buildings can be equipped with the Gira stainless steel door station. The range includes numerous variants. Versions for up to twelve residential units can be created. The Gira stainless steel door station is also available with a colour camera.



Integration into existing systems

Gira also offers door communication solutions for individual areas of application, from single-family homes to larger properties with up to 136 residential units. Gira door stations can be integrated in letterbox systems or in individually-produced front panels from other manufacturers, e. g. RENZ (www.briefkasten.de). This also applies to existing systems and door-side installations.



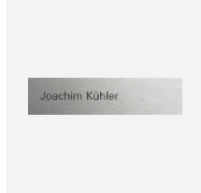
Gira System 106

Gira System 106 is a modular door communication system with metal front panels in an elegant, minimalist design. Options available are the new V4A stainless steel surface with smoother polish, V2A stainless steel and white (lacquered) aluminium and metal. From call-button module, intercom module and camera

module to info module, all functions are consistently and clearly designed. Integrated into the Renz letterbox module, the V4A stainless steel surfaces blend together well. Slight variations, caused in part by how light and shadows fall, cannot be ruled out entirely.



System 106 Module
→ 348



System 106 call buttons
→ 352



System 106 call-button cover plate
→ 352



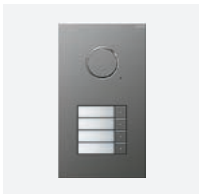
System 106 surface-mounted housing
→ 353



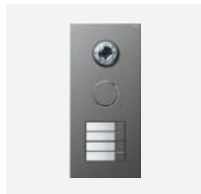
TX_44 flush-mounted door stations
→ 354



TX_44 flush-mounted add-on modules
→ 356



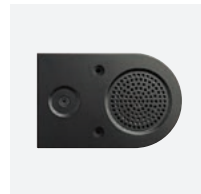
Stainless steel door stations
→ 358



Stainless steel video door stations
→ 360



TX_44 surface-mounted door stations
→ 362



Built-in speaker
→ 364



Installation profile
→ 365



Energy profile light profiles
→ 366



Accessories
→ 366

Door stations

Specifications Order No. P. unit PS

System 106 Module

The Gira System 106 is an installation system made of metal in a puristic and elegant frameless design, based on basic measurements of 106.5 × 106.5 mm. With the modular door intercom in Gira System 106, hospitality begins even before you reach the front door. All the functions are presented in a harmonious overall appearance, from the call button module, intercom module, and camera module, up to the info and blank module. In the dark, backlit call buttons with inscription space ensure good legibility and an attractive appearance.

Individually adaptable modular system

The System 106 can be used in family homes or apartment buildings, as well as in office buildings, industrial properties, and hotels. The modular design enables the system's size, design, and functionality to be individually adapted to the respective requirements. Expansions and changes are possible at any time by easily exchanging the modules.

With this system, it is also possible to exchange the fronts only. This means that the appearance of the system can be changed from e.g. traffic white to a stainless steel surface at a later stage, without having to exchange the electronic units.

High-quality materials

The modules are frameless with design fronts made of genuine materials, available in two brushed stainless steel versions (V2A and V4A), anodised aluminium C-0, and a metal alloy lacquered in traffic white (RAL 9016): all robust materials which ensure durability. The camera and DIN 18040 display module feature a black glass cover.

Easy and phased installation

The system can be installed in phases, in parallel to the progress of building work. In this way, it is possible to initially install only the lower part of a surface-mounted housing during construction of the shell; cables and modules can then be added when they are needed.

Individual inscription options

Call button modules and info modules can be labelled individually via the Gira inscription service.

Technical data

Dimensions in mm

W 106,5 H 106,5

Specifications Order No. P. unit PS

System 106 door station module



stainless steel	5565 920	1	20
aluminium	5565 926	1	20
Traffic white (lacquered)	5565 902	1	20
Stainless steel V4A	5565 924	1	20

+ Necessary accessories

One of the following articles:

Control Devices

Audio ctrl.dev. DRA 1287 00	→	389
Video ctrl.dev. DRA 1288 00	→	390

One of the following articles:

Surface-mounted housing, 1-gang to 5-gang

System 106 surface-mounted housing	→	353
------------------------------------	---	-----

+ Optional accessories

Add-on-modules System 106

Call-btn mod.1-g 5531 ..	→	350
Call-btn mod.2-g 5532 ..	→	350
Call btn mod.3-g 5533 ..	→	350
Call btn mod.4-g 5534 ..	→	350
Camera mod. 5561 000	→	351
Display mod. (DIN 18040) 5567 000	→	350
Info module 5560 ..	→	351
Blank mod. 5568 ..	→	351

Necessary from the 3rd camera

Pow.supply DC 24 V 300 mA DRA 1296 00	→	392
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Features

- Compact intercom module with integrated call button for communication between indoors and outdoors.
- A high-quality microphone and weather-resistant speaker ensure clear communication.
- Power supply via 2-wire bus. Additional connector for AS (e.g. required for three or more camera modules).
- All other System 106 modules (except intercom module) are supplied with power via the door station module.

Technical data

Power supply	
- System:	Flat ribbon cable, 10-pole via control device or via AS (DC 24 V 300 mA)
- 2-wire bus:	
Power consumption	
- Maximum:	1 W
- Stand-by mode:	240 mW
Connections	
- 2-wire bus:	1 x plug terminal
- AS:	1 x plug terminal
- System:	2 x connector strip
- Video (analogue):	1 x connector strip
Ambient temperature:	-25 °C to +70 °C
Protection class:	IP54

Notes

- Professional labelling with the Gira Inscription Service www.marking.gira.com.

Specifications Order No. P. unit PS



stainless steel / start-up button	5569 920	1	20
aluminium / start-up button	5569 926	1	20
traffic white (lacquered) / start-up button	5569 902	1	20
Stainless steel V4A	5569 924	1	20

+ Necessary accessories

One of the following articles:

Call button

Call btn inscr. 5549 ..	→	352
Call btn in.sp. 5547 ..	→	352

One of the following articles:

Control Devices

Audio ctrl.dev. DRA 1287 00	→	389
Video ctrl.dev. DRA 1288 00	→	390

One of the following articles:

Surface-mounted housing, 1-gang to 5-gang

System 106 surface-mounted housing	→	353
------------------------------------	---	-----

+ Optional accessories

Add-on modules

Call-btn mod.4-g start-up btns 5539 000	→	350
Camera mod. 5561 000	→	351
Display mod. (DIN 18040) 5567 000	→	350
Info module 5560 ..	→	351
Blank mod. 5568 ..	→	351

Necessary from the 3rd camera

Pow.supply DC 24 V 300 mA DRA 1296 00	→	392
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Functionality like door station module, but with start-up buttons.

Specifications Order No. P. unit PS



stainless steel	5563 920	1	20
aluminium	5563 926	1	20
Traffic white (lacquered)	5563 902	1	20
Stainless steel V4A	5563 924	1	20

+ Necessary accessories

One of the following articles:

Call-button module

Call-btn mod.1-g 5531 ..	→	350
Call-btn mod.2-g 5532 ..	→	350
Call btn mod.3-g 5533 ..	→	350
Call btn mod.4-g 5534 ..	→	350
Call-btn mod.4-g start-up btns 5539 000	→	350

One of the following articles:

Control Devices

Audio ctrl.dev. DRA 1287 00	→	389
Video ctrl.dev. DRA 1288 00	→	390

One of the following articles:

Surface-mounted housing, 1-gang to 5-gang

System 106 surface-mounted housing	→	353
------------------------------------	---	-----

+ Optional accessories

Camera mod. 5561 000	→	351
Display mod. (DIN 18040) 5567 000	→	350
Info module 5560 ..	→	351
Blank mod. 5568 ..	→	351

Necessary from the 3rd camera

Pow.supply DC 24 V 300 mA DRA 1296 00	→	392
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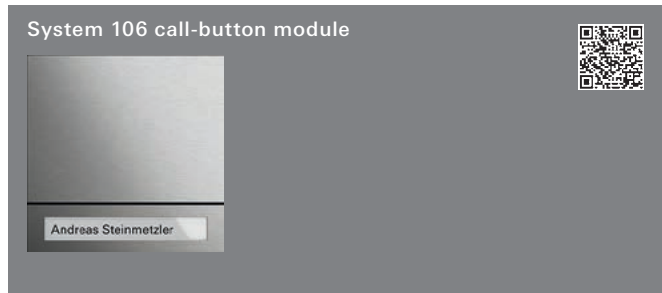
Features

- The speakerphone function enables communication between indoors and outdoors.
- A high-quality microphone and weather-resistant speaker ensure clear communication.
- Power supply via 2-wire bus. Additional connector for AS (e.g. required for three or more camera modules).
- All other Systems 106 modules (except door station module) are supplied with power via the intercom module.

Technical data

Power supply	
- System:	Flat ribbon cable, 10-pole
- 2-wire bus:	via control device or via AS (DC 24 V 300 mA)
Power consumption	
- Maximum:	1 W
- Stand-by mode:	200 mW
Connections	
- 2-wire bus:	1 x plug terminal
- AS:	1 x plug terminal
- System:	2 x connector strip
- Video (analogue):	1 x connector strip
Ambient temperature:	-25 °C to +70 °C
Protection class:	IP54

Specifications Order No. P. unit PS



Specifications	Order No.	P. unit	PS
1-gang			
stainless steel	5531 920	1	20
aluminium	5531 926	1	20
Traffic white (lacquered)	5531 902	1	20
Stainless steel V4A	5531 924	1	20
2-gang			
stainless steel	5532 920	1	20
aluminium	5532 926	1	20
Traffic white (lacquered)	5532 902	1	20
Stainless steel V4A	5532 924	1	20
3-gang			
stainless steel	5533 920	1	20
aluminium	5533 926	1	20
Traffic white (lacquered)	5533 902	1	20
Stainless steel V4A	5533 924	1	20
4-gang			
stainless steel	5534 920	1	20
aluminium	5534 926	1	20
Traffic white (lacquered)	5534 902	1	20
Stainless steel V4A	5534 924	1	20

+ Necessary accessories
 One of the following articles:
 Door st.mod. **5565 ..** → 348
 Intercom mod. **5563 ..** → 349
 One of the following articles:
Surface-mounted housing, 1-gang to 5-gang
 System 106 surface-mounted housing → 353

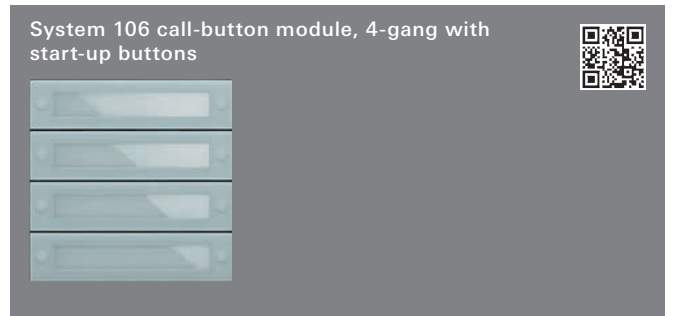
+ Optional accessories
Function change by replacing the buttons:
 Call btn inscr. **5549 ..** → 352
 Call btn in.sp. **5547 ..** → 352
 Call-btn cov.pl. call-btn mod.1-g **5541 ..** → 352
 Call-btn cov.pl. call-btn mod.2-g **5542 ..** → 352
 Call-btn cov.pl. call-btn.mod.3-g **5543 ..** → 352

Features
 - Easy-to-use, vandal-proof, and scratch-resistant call buttons.
 - Function changes, e.g. from 2-gang to 4-gang, can be easily realised by replacing the buttons.
 - Various inscription options possible.

Technical data
 Power supply
 - System: via flat ribbon cable, 10-pole
 Power consumption
 - Maximum: 160 mW
 - Stand-by mode: 14 mW
 Connections
 - System: 2 x connector strip
 Ambient temperature: -25 °C to +70 °C
 Protection type: IP54

Notes
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.

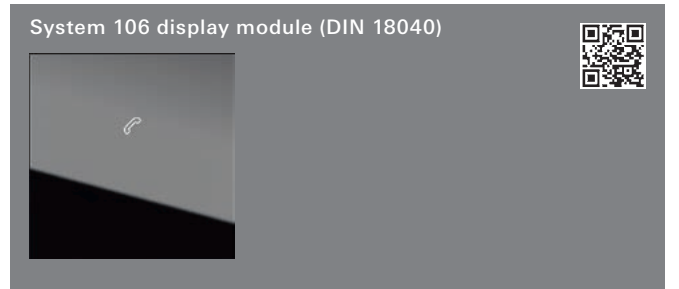
Specifications Order No. P. unit PS



Start-up buttons	5539 000	1	20
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+ Necessary accessories
 Call btn inscr. **5549 ..** → 352
 Call btn in.sp. **5547 ..** → 352
 Call-btn cov.pl. call-btn mod.1-g **5541 ..** → 352
 Call-btn cov.pl. call-btn mod.2-g **5542 ..** → 352
 Call-btn cov.pl. call-btn.mod.3-g **5543 ..** → 352
 One of the following articles:
 Door st.mod. start-up btn **5569 ..** → 349
 Intercom mod. **5563 ..** → 349
 One of the following articles:
Surface-mounted housing, 1-gang to 5-gang
 System 106 surface-mounted housing → 353

Functionality like call-button module, but with start-up buttons.



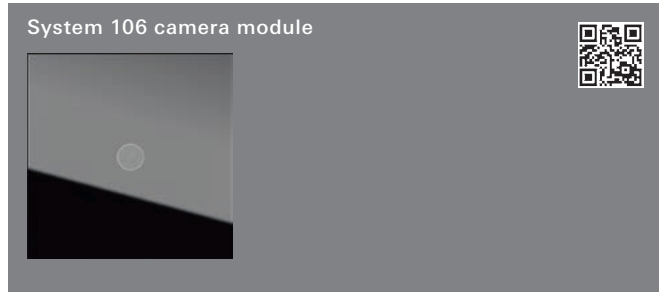
black glass	5567 000	1	20
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+ Necessary accessories
 One of the following articles:
 Door st.mod. **5565 ..** → 348
 Door st.mod. start-up btn **5569 ..** → 349
 Intercom mod. **5563 ..** → 349
 One of the following articles:
Surface-mounted housing, 1-gang to 5-gang
 System 106 surface-mounted housing → 353

Features
 - Optical display indicating when a visitor is being requested to speak and when the door is opened.
 - The module meets the DIN 18040 standard for barrier-free construction.

Technical data
 Power supply
 - System: via flat ribbon cable, 10-pole
 Power consumption
 - Maximum: 250 mW
 - Stand-by mode: 14 mW
 Connections
 - System: 2 x connector strip
 Ambient temperature: -25 °C to +70 °C
 Protection type: IP54

Specifications Order No. P. unit PS



black glass **5561 000** 1 10

+ Necessary accessories

One of the following articles:

- Door st.mod. **5565** .. → 348
- Door st.mod. start-up btn **5569** .. → 349
- Intercom mod. **5563** .. → 349

One of the following articles:

Surface-mounted housing, 1-gang to 5-gang
System 106 surface-mounted housing → 353

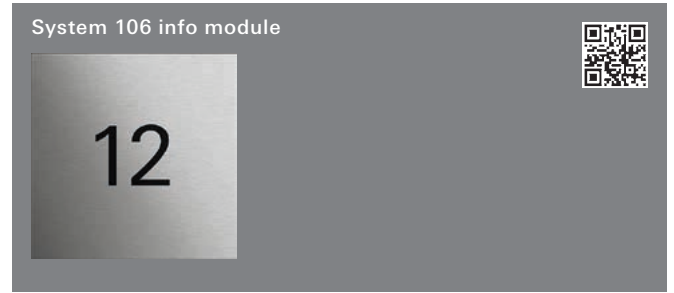
Features

- A high-quality camera with high light sensitivity is concealed behind the exchangeable black glass plate. Thanks to a detection angle of 100°, the user is always aware of what is happening at the front door.

Technical data

Power supply	
- System:	via flat ribbon cable, 10-pole
- up to 2 camera modules:	via video control device
- 3 or more camera modules:	additionally via power supply for door communication DC 24 V 300 mA
Power consumption	
- Maximum:	2.7 W (camera active in night mode)
- Stand-by mode:	80 mW
Connections	
- System (flat ribbon cable, 10-pole):	2 x connector strip
- Video (analogue):	1 x connector strip
Camera sensor	
- Type:	CMOS 1/3"
- Resolution:	2 MP
Visible detection range: 100°	
Pictured detection range (on screen)	
- Rotary knob on position 9:	100°
- at normal 4:3 output:	85°
Colour system: PAL	
Video signal resolution: Analogue CVBS, 50Hz/625 lines	
Day mode to night mode switchover threshold: 1 lux	
Light sensitivity in B/W operation: 0.1 lux	
Electronic shutter speed:: up to 1/60 000 s	
Recommended installation height: 1.50 m	
Ambient temperature: -25 °C to +70 °C	
Protection type: IP54	

Specifications Order No. P. unit PS



stainless steel	5560 920	1	20
aluminium	5560 926	1	20
Traffic white (lacquered)	5560 902	1	20
Stainless steel V4A	5560 924	1	20

+ Necessary accessories

Surface-mounted housing, 1-gang to 5-gang
System 106 surface-mounted housing → 353

Features

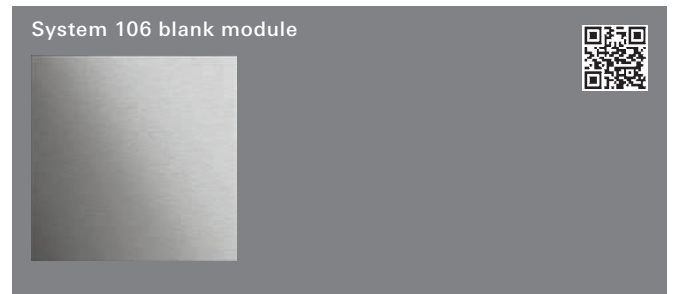
- e.g. for house numbers that should be visibly highlighted.

Technical data

Connections	
- System:	2 x connector strip
Ambient temperature: -25 °C to +70 °C	
Protection type: IP54	

Notes

- This product can **only** be ordered via the Gira Inscription Service.
- Professional labelling with the Gira Inscription Service www.marking.gira.com.



stainless steel	5568 920	1	20
aluminium	5568 926	1	20
Traffic white (lacquered)	5568 902	1	20
Stainless steel V4A	5568 924	1	20

+ Necessary accessories

Surface-mounted housing, 1-gang to 5-gang
System 106 surface-mounted housing → 353

Features

- Leaves a space for future applications and serves as a design element for realising large door stations in the system style.

Technical data

Connections	
- System:	2 x connector strip
Ambient temperature: -25 °C to +70 °C	
Protection type: IP54	

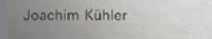
Notes

- The info module must be selected for an inscribable variant.

Specifications Order No. P. unit PS

System 106 call buttons

System 106 call button, inscribable



stainless steel	5549 920	1	20
aluminium	5549 926	1	20
Traffic white (lacquered)	5549 902	1	20
Stainless steel V4A	5549 924	1	20

+ Necessary accessories

One of the following articles:

Door st.mod. start-up btn 5569 ..	→	349
Call-btn mod.4-g start-up btns 5539 000	→	350

Technical data

Dimensions in mm
H 25,3 W 105,5

Notes

- This product can **only** be ordered via the Gira Inscription Service.
- Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Scope of supply

- Incl. customised laser inscription.

System 106 call button w. inscription space



stainless steel	5547 920	1	20
aluminium	5547 926	1	20
Traffic white (lacquered)	5547 902	1	20
Stainless steel V4A	5547 924	1	20

+ Necessary accessories

One of the following articles:

Door st.mod. start-up btn 5569 ..	→	349
Call-btn mod.4-g start-up btns 5539 000	→	350

Technical data

Dimensions in mm
H 25,3 W 105,5

Notes

- Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Specifications Order No. P. unit PS

System 106 call-button cover plate

System 106 call-button cover plate for call-button module



1-gang

stainless steel	5541 920	1	20
aluminium	5541 926	1	20
Traffic white (lacquered)	5541 902	1	20
Stainless steel V4A	5541 924	1	20

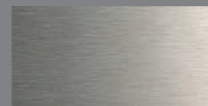
+ Necessary accessories

Call-btn mod.4-g start-up btns 5539 000	→	350
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Technical data

Dimensions in mm
- 1-gang: H 25,3 W 105,5

System 106 call-button cover plate for call-button module



2-gang

stainless steel	5542 920	1	20
aluminium	5542 926	1	20
Traffic white (lacquered)	5542 902	1	20
Stainless steel V4A	5542 924	1	20

+ Necessary accessories

Call-btn mod.4-g start-up btns 5539 000	→	350
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Technical data

Dimensions in mm
- 2-gang: H 52,0 W 105,5

System 106 call-button cover plate for call-button module



3-gang

stainless steel	5543 920	1	20
aluminium	5543 926	1	20
Traffic white (lacquered)	5543 902	1	20
Stainless steel V4A	5543 924	1	20

+ Necessary accessories

Call-btn mod.4-g start-up btns 5539 000	→	350
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Technical data

Dimensions in mm
- 3-gang: H 78,6 W 105,5

Specifications Order No. P. unit PS

System 106 surface-mounted housing

Independent of the construction progress, the housings can already be installed in the building shell. Cables and modules can then be added when they are needed.

Housings available in metal alloy laquered in traffic white (RAL 9016) or anthracite: all robust materials which ensure durability.

Features

- Very low profile height of just 28.4 mm.
- Vertical and horizontal installation (only for surface-mounted housings, 2-gang, 3-gang, 4-gang and 5-gang) enables optimal adaptation to the installation site.
- Suitable for use on façades with a thermal insulation composite system.

Technical data

Dimensions in mm

- 1-gang:	W 106,5	H 106,5	D 23,35
- 2-gang:	W 106,5	H 213,0	D 25,35
- 3-gang:	W 106,5	H 319,5	D 25,35
- 4-gang:	W 106,5	H 426,0	D 25,35
- 2 x 2-gang:	W 213,0	H 213,0	D 25,35
- 5-gang:	W 106,5	H 532,5	D 25,35

Specifications Order No. P. unit PS

System 106 surface-mounted housing



1-gang			
Traffic white (lacquered)	5501 902	1	20
anthracite	5501 910	1	20
2-gang			
Traffic white (lacquered)	5502 902	1	20
anthracite	5502 910	1	20
3-gang			
Traffic white (lacquered)	5503 902	1	20
anthracite	5503 910	1	20
4-gang			
Traffic white (lacquered)	5504 902	1	20
anthracite	5504 910	1	20
2 x 2-gang			
Traffic white (lacquered)	5508 902	1	20
anthracite	5508 910	1	20
5-gang			
Traffic white (lacquered)	5505 902	1	20
anthracite	5505 910	1	20

+ Necessary accessories

For surface-mounted 1-gang housings, one of the following products:

Door st.mod. 5565 ..	→	348
Door st.mod. start-up btn 5569 ..	→	349

For 2-gang to 5-gang surface-mounted housings, select from the following products:

Intercom mod. 5563 ..	→	349
Call-btn mod.1-g 5531 ..	→	350
Call-btn mod.2-g 5532 ..	→	350
Call btn mod.3-g 5533 ..	→	350
Call btn mod.4-g 5534 ..	→	350
Call-btn mod.4-g start-up btns 5539 000	→	350
Camera mod. 5561 000	→	351
Display mod. (DIN 18040) 5567 000	→	350
Info module 5560 ..	→	351
Blank mod. 5568 ..	→	351

Notes

- 1-gang surface mounted housing only for use with door station module.

Scope of supply

- 10-pole flat ribbon cable and terminating resistances are included in scope of supply (exception: 1-gang surface-mounted housing).

Specifications Order No. P. unit PS

TX_44 flush-mounted door stations

Features

- Installation in a conventional flush-mounted device box.
- Fits in the cover frames of the Gira TX_44 switch range.
- Modular design, therefore easy installation and expandability with further components such as call buttons, info module, colour camera, Keyless In.
- Signal transmission and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- One-man start-up with easy start-up procedure.
- Weather-resistant speaker.
- High-quality electret microphone.
- Speakerphone function (voice-controlled talk-back with echo and background noise suppression).
- Call button LED lamps, white light. Even, clearly visible call-button illumination is achieved via maintenance-free, energy-saving LED technology.
- Audible acknowledgement signal when a call button is pressed.
- Adjustable voice volume.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and without frame disassembly.
- Professional labelling is available from the Gira Inscription Service www.marking.gira.com or using the Gira inscription software.
- Binary input for connecting a zero-voltage push button (NO contact) as a call button.

Technical data

Power supply:	via the 2-wire bus
Bus coupler connections	
- 2-wire bus:	2x screw terminals
- Additional power supply:	2x screw terminals
- Binary input:	2x screw terminals
- Connection cable:	2 x connector strip
- Video:	1 x connector strip
Speech insert connections	
- Connection cable:	2 x connector strip
Ambient temperature:	-25 °C to +70 °C
Protection type:	IP44

Specifications Order No. P. unit PS

Door station, 1-gang



TX_44

pure white	1260 66	1/100	18
anthracite	1260 67	1/100	18
colour aluminium	1260 65	1/100	18

+ Necessary accessories

One of the following articles:

Audio ctrl.dev. DRA 1287 00	→	389
Video ctrl.dev. DRA 1288 00	→	390

+ Optional accessories

Add-on modules

Call btn 1-g door st. 1262 00	→	356
Call btn 3-g door st. 1263 00	→	356
Info mod. door st. 1264 00	→	357
Colour camera door st. 1265 ..	→	357

Keyless In

Gira Keyless In keypad 2605 ..	→	401
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Gira energy profile and light profiles

En.prof. 4x empty u. 1400 mm 1354 ..	→	218
En.prof. 4x empty u. 1600 mm 1356 ..	→	218
En.prof. light 3x empty u. 1600 mm 1353 ..	→	219

Inscription

In.sheets 62 x 62 mm 1458 00	→	231
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Accessories

Door communication system installation profile	→	365
Mounting plates for door stations	→	366
Tri-Wing screws 30 pcs. 1407 00	→	367

Features

- Call button, 1-gang

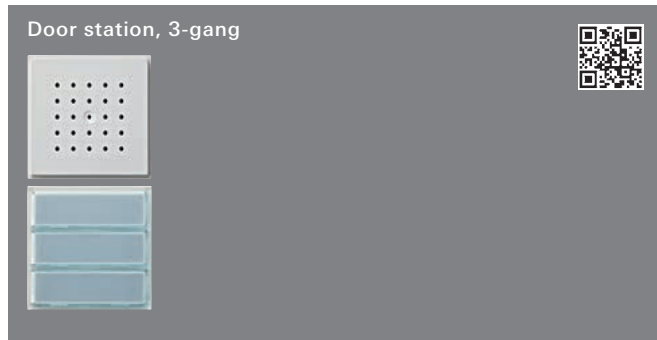
Technical data

Installation depth:	30 mm
Dimensions in mm	
- Name plate:	W 62 H 62

More information

Technical information	→	î 612
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Specifications	Order No.	P. unit	PS
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TX_44			
pure white	1261 66	1/100	18
anthracite	1261 67	1/100	18
colour aluminium	1261 65	1/100	18

+ Necessary accessories

One of the following articles:

Audio ctrl.dev. DRA 1287 00	→	389
Video ctrl.dev. DRA 1288 00	→	390

+ Optional accessories

Add-on modules

Call btn 1-g door st. 1262 00	→	356
Call btn 3-g door st. 1263 00	→	356
Info mod. door st. 1264 00	→	357
Colour camera door st. 1265 ..	→	357

Keyless In

Gira Keyless In keypad 2605 ..	→	401
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Energy and light profiles

En.prof. 4x empty u. 1400 mm 1354 ..	→	218
En.prof. 4x empty u. 1600 mm 1356 ..	→	218
En.prof. light 3x empty u. 1600 mm 1353 ..	→	219

Inscription

In.sheets 62 x 18 mm 1459 00	→	231
Call-btn cov.pl.3-g 1255 ..	→	366

Accessories

Door communication system installation profile	→	365
Mounting plates for door stations	→	366
Tri-Wing screws 30 pcs. 1407 00	→	367

Features

- Call button, 3-gang

Technical data

Installation depth:	30 mm	
Dimensions in mm		
- Name plates:	W 62	H 18

Notes

- If only two call buttons are required, please use the call-button cover plate for 3-gang buttons.

More information

Technical information	→	î 612
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Specifications Order No. P. unit PS

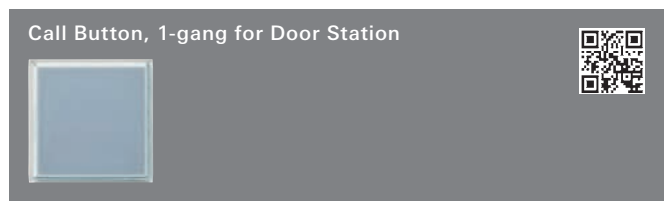
TX_44 flush-mounted add-on modules

Features

- Installation in a conventional flush-mounted device box.
- Fits in the cover frames of the Gira TX_44 switch range.
- Modular design, allowing easy installation and expandability.
- Signal transmission and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.

Technical data

Power supply: via connection cable
 Connecting the connection cable: 2 x connector strip
 Protection type: IP44



TX_44
 Program-neutral 1262 00 1 18

+ Necessary accessories
 One of the following articles:

Door st. 1-g FM 1260 .. → 354
 Door st. 3-g FM 1261 .. → 355

+ Optional accessories

Inscription
 In.sheets 62 x 62 mm 1458 00 → 231
Accessories
 Door communication system installation profile → 365
 Mounting plates for door stations → 366

Features

- The door station can be extended with an additional call button (up to 14 call button inserts, 1- or 3-gang can be connected to one door station).
- Call button LED lamps, white light. Even, clearly visible call-button illumination is achieved via maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate can be exchanged without tools and without frame disassembly.
- Professional labelling is available from the Gira Inscription Service www.marking.gira.com or using the Gira inscription software.

Technical data

Ambient temperature: -25 °C to +70 °C
 Installation depth: 30 mm
 Dimensions in mm
 - Name plate: W 62 H 62

Specifications Order No. P. unit PS

Call Button, 3-gang for Door Station



TX_44
 Program-neutral 1263 00 1/100 18

+ Necessary accessories
 One of the following articles:

Door st. 1-g FM 1260 .. → 354
 Door st. 3-g FM 1261 .. → 355

+ Optional accessories

Inscription
 In.sheets 62 x 18 mm 1459 00 → 231
Accessories
 Call-btn cov.pl.3-g 1255 .. → 366
 Door communication system installation profile → 365
 Mounting plates for door stations → 366

Features

- The door station can be extended with additional call buttons (up to 14 call button inserts, 1- or 3-gang can be connected to one door station).
- Call button LED lamps, white light. Even, clearly visible call-button illumination is achieved via maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate can be exchanged without tools and without frame disassembly.
- Professional labelling is available from the Gira Inscription Service www.marking.gira.com or using the Gira inscription software.

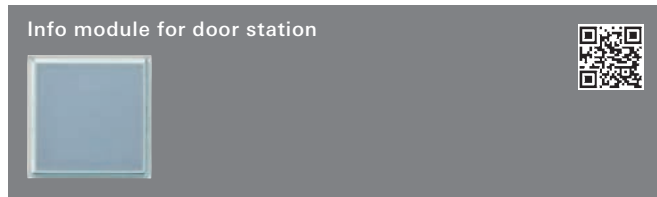
Technical data

Ambient temperature: -25 °C to +70 °C
 Installation depth: 30 mm
 Dimensions in mm
 - Name plates: W 62 H 18

Notes

- Call buttons which are not required can be covered with the call-button cover plate for call button, 3-gang.

Specifications	Order No.	P. unit	PS
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TX_44			
Program-neutral	1264 00	1/100	18

+ Necessary accessories

One of the following articles:

Door st. 1-g FM 1260 ..	→	354
Door st. 3-g FM 1261 ..	→	355

+ Optional accessories**Inscription**

In.sheets 62 x 62 mm 1458 00	→	231
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Accessories

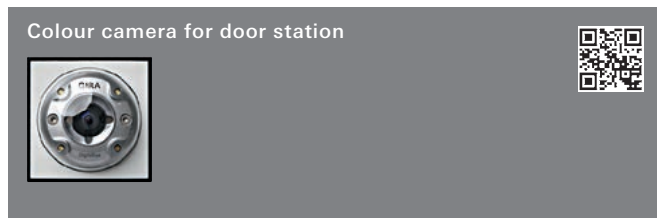
Door communication system installation profile	→	365
Mounting plates for door stations	→	366

Features

- Extension of the door station by an info module for display of the house number, name, or other information.
- Backlighting with LED technology, white light. Steady, clearly visible illumination is achieved using maintenance-free, energy-saving LED technology.
- Sprayed-water proof cover plate made of shock-resistant plastic.
- Inscription space can be exchanged without tools and without frame disassembly.
- Professional labelling is available from the Gira Inscription Service www.marking.gira.com or using the Gira inscription software.

Technical data

Ambient temperature:	-25 °C to +70 °C
Installation depth:	30 mm
Dimensions in mm	
- Information label:	W 62 H 62



TX_44			
pure white	1265 66	1	10
anthracite	1265 67	1	10
colour aluminium	1265 65	1	10

+ Necessary accessories

One of the following articles:

Door st. 1-g FM 1260 ..	→	354
Door st. 3-g FM 1261 ..	→	355

+ Optional accessories**Energy and light profiles**

En.prof. 4x empty u. 1400 mm 1354 ..	→	218
En.prof. 4x empty u. 1600 mm 1356 ..	→	218
Set conn.cab.audio/video 1273 00	→	367

Accessories

Door communication system installation profile	→	365
Mounting plates for door stations	→	366

Video accessories

Video amplifier 1222 00	→	395
Video distributor 1226 00	→	395
Video multiplexer 1224 00	→	396

Specifications	Order No.	P. unit	PS
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Features

- Extension of door stations by a colour camera with automatic day or night switching.
- LEDs ensure steady illumination of the field of view at close proximity in night mode.
- Camera can be manually swivelled 20° horizontally and vertically. In combination with the wide-angle lens, a very wide field of view of the door entry area results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated temperature-dependent camera heating.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace if damaged, e.g. due to vandalism.

Technical data**Power supply**

- up to 2 cameras:	via connection cable
- from the 3rd camera:	via power supply for door communication

Connections

- Connection cable:	2 x connector strip
- Video:	1 x connector strip
Image recording element:	CCD sensor 0.85 cm (1/3")
Aperture of the wide-angle lens:	150°
Visible detection range of the camera:	100°
Area of detection (for 20° swivelling):	140°
Colour system:	PAL
Pixels:	500 (H) x 582 (V)
Horizontal resolution:	380 TV lines
Switchover threshold for colour to B/W operation:	1 lux
Light sensitivity in B/W operation:	0.1 lux
Electronic shutter speed::	up to 1/100000 s
IR filter:	integrated
Recommended mounting height for camera:	1.50 m
Installation depth:	39 mm
Ambient temperature:	-20 °C to +50 °C

Notes

- The colour camera may not be positioned directly beneath a light.
- Suitable for use in a Gira energy profile.
- **Not** suitable for use in a Gira energy profile with light.

Specifications	Order No.	P. unit	PS
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Stainless steel door stations

Features

- 3 mm thick, ground stainless steel front plate of high-quality V2A stainless steel. This makes it especially resistant to environmental influences and vandalism.
- Screwless installation system. A special opening tool included with the product is used for unlocking.
- Flush-mounted box with wall anchors and openings for cable entry.
- Special construction design of the speaker and microphone prevents vandalism and moisture penetration. Due to the design used, it is not possible to puncture the loudspeaker or microphone with a sharp object.
- Speakerphone function (voice-controlled talk-back with echo and background noise suppression)
- Adjustable voice volume.
- Vandalism-protected stainless steel call buttons. These are recessed flush in the front plate and have a precise switching behaviour when a call button is pressed.
- Acoustic acknowledgement signal when call button is pressed (deactivatable if necessary).
- Night design of stainless steel call buttons. Illuminated with white LEDs.
- The inscription space or the name plates are evenly illuminated with maintenance-free, energy-saving white LED technology.
- The cover windows for the name plates are recessed flush in the front plate and consist of shatter-proof, scratch-resistant, 5 mm thick security glass. They are therefore especially impervious to vandalism in the form of impact, fire, scratching, etc. The cover windows are easy to clean.
- The name plates can be removed from the front without disassembling the stainless steel door station. The unlocking device of the name plates is concealed.
- The name plates are protected against sprayed water.
- A catch strap and supporting surface in the flush-mounted box serve as mounting aids during installation.
- One-man start-up with easy start-up procedure.
- Circumferential sponge rubber seal for wall sealing on the underside of the front plate.
- Large coverage between flush-mounted box and brickwork.
- For larger system set-ups, the front plate is secured with screws.
- Professional labelling is available from the Gira Inscription Service www.marking.gira.com or using the Gira inscription software.

Technical data

Power supply:	via the 2-wire bus
Connections	
- 2-wire bus:	2x screw terminals
- Additional power supply:	2x screw terminals
- Connection cable:	2 x connector strip
- Video:	1 x connector strip
Ambient temperature:	-25 °C to +70 °C
Protection type:	IP44

Notes

- The stainless steel door station is supplied ready for connection including built-in speaker. This eliminates time-consuming cabling of the call buttons. Only a Gira 2-wire bus is required to connect the door station stainless steel.

Specifications	Order No.	P. unit	PS
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Stainless steel door station



1-gang stainless steel	2501 20	1/100	20
2-gang stainless steel	2502 20	1/100	20
3-gang stainless steel	2503 20	1/100	20
4-gang stainless steel	2504 20	1/100	20
6-gang stainless steel	2506 20	1/100	20
8-gang stainless steel	2508 20	1	20
9-gang stainless steel	2509 20	1	20

+ Necessary accessories

Audio ctrl.dev. DRA 1287 00	→	389
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+ Optional accessories

In.sheets 62 x 18 mm 1459 00	→	231
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Technical data

Dimensions in mm

- Front plate, 1-gang:	W 160	H 218	D -
- Front plate, 2-gang:	W 160	H 218	D -
- Front plate, 3-gang:	W 160	H 218	D -
- Front plate, 4-gang:	W 160	H 285	D -
- Front plate, 6-gang:	W 160	H 285	D -
- Front plate, 8-gang:	W 160	H 352	D -
- Front plate, 9-gang:	W 160	H 352	D -
- Flush-mounted box, 1-gang:	W 140	H 198	D 40
- Flush-mounted box, 2-gang:	W 140	H 198	D 40
- Flush-mounted box, 3-gang:	W 140	H 198	D 40
- Flush-mounted box, 4-gang:	W 140	H 265	D 40
- Flush-mounted box, 6-gang:	W 140	H 265	D 40
- Flush-mounted box, 8-gang:	W 140	H 332	D 40
- Flush-mounted box, 9-gang:	W 140	H 332	D 40
- Name plate:	W 62	H 18	D -

Specifications	Order No.	P. unit	PS
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10-gang stainless steel	2510 20	1	20
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12-gang stainless steel	2512 20	1	20
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+ Necessary accessories			
Audio ctrl.dev. DRA 1287 00		→	389

+ Optional accessories			
In.sheets 62 x 18 mm 1459 00		→	231

Technical data			
Dimensions in mm			
- Front plate, 10-gang:	W 270	H 285	D -
- Front plate, 12-gang:	W 270	H 285	D -
- Flush-mounted box, 10-gang:	W 250	H 265	D 40
- Flush-mounted box, 12-gang:	W 250	H 265	D 40
- Name plate:	W 62	H 18	D -

Specifications Order No. P. unit PS

Stainless steel video door stations

Features

- Extension of the stainless steel door station with a video camera.

Camera

- Automatic day or night switching; the camera switches from day mode (colour display) to night mode (black and white display) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even in poor lighting conditions.
- LEDs ensure steady illumination of the field of view at close proximity in night mode.
- Camera can be manually swivelled 20° horizontally and vertically. In combination with the wide-angle lens, a very wide field of view results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated camera heating with temperature detection.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace if damaged, e.g. due to vandalism.

Technical data

Image recording element:	CCD sensor 0.85 cm (1/3")
Wide-angle lens:	150°
Visible detection range:	100°
Area of detection (for 20° swivelling):	140°
Colour system:	PAL
Pixels:	500 (H) x 582 (V)
Horizontal resolution:	380 TV lines
Switchover threshold for colour to B/W operation:	1 lux
Light sensitivity in B/W operation:	0.1 lux
Electronic shutter speed :	up to 1/100000 s
IR filter:	integrated
Recommended mounting height for camera:	1.50 m

Notes

- The stainless steel video door station is supplied ready for connection including built-in speaker and, for larger buildings, including an add-on module. This eliminates time-consuming cabling of the call buttons. Only a Gira 2-wire bus is required to connect the door station stainless steel.

Specifications Order No. P. unit PS

Stainless steel video door station



1-gang stainless steel	2551 20	1/100	20
2-gang stainless steel	2552 20	1/100	20
3-gang stainless steel	2553 20	1/100	20
4-gang stainless steel	2554 20	1/100	20
6-gang stainless steel	2556 20	1	20
8-gang stainless steel	2558 20	1	20
9-gang stainless steel	2559 20	1	20

+ Necessary accessories

Video ctrl.dev. DRA 1288 00	→	390
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+ Optional accessories

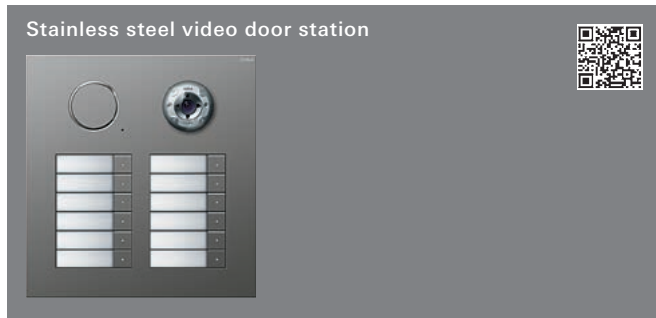
Necessary from the 3rd camera

Pow.supply DC 24 V 300 mA DRA 1296 00	→	392
In.sheets 62 x 18 mm 1459 00	→	231

Technical data

Dimensions in mm			
- Front plate, 1-gang:	W 160	H 285	D -
- Front plate, 2-gang:	W 160	H 285	D -
- Front plate, 3-gang:	W 160	H 352	D -
- Front plate, 4-gang:	W 160	H 352	D -
- Front plate, 6-gang:	W 160	H 437	D -
- Front plate, 8-gang:	W 160	H 437	D -
- Front plate, 9-gang:	W 160	H 437	D -
- Flush-mounted box, 1-gang:	W 140	H 265	D 60
- Flush-mounted box, 2-gang:	W 140	H 265	D 60
- Flush-mounted box, 3-gang:	W 140	H 332	D 60
- Flush-mounted box, 4-gang:	W 140	H 332	D 60
- Flush-mounted box, 6-gang:	W 140	H 417	D 60
- Flush-mounted box, 8-gang:	W 140	H 417	D 60
- Flush-mounted box, 9-gang:	W 140	H 417	D 60
- Name plate:	W 62	H 18	D -

Specifications	Order No.	P. unit	PS
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10-gang stainless steel	2560 20	1	20
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12-gang stainless steel	2562 20	1	20
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+ Necessary accessories

Video ctrl.dev. DRA 1288 00	→	390
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+ Optional accessories

Necessary from the 3rd camera

Pow.supply DC 24 V 300 mA DRA 1296 00	→	392
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In.sheets 62 x 18 mm 1459 00	→	231
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Technical data

Dimensions in mm

- Front plate, 10-gang:	W 270	H 285	D -
- Front plate, 12-gang:	W 270	H 285	D -
- Flush-mounted box, 10-gang:	W 250	H 265	D 60
- Flush-mounted box, 12-gang:	W 250	H 265	D 60
- Name plate:	W 62	H 18	D -

Specifications	Order No.	P. unit	PS
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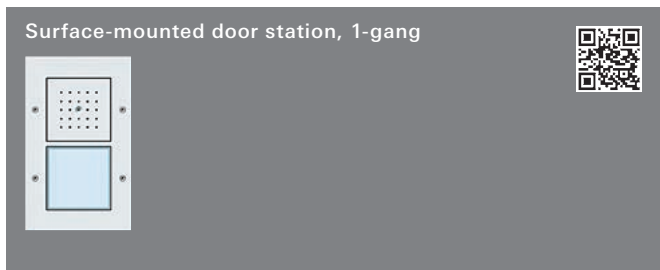
TX_44 surface-mounted door stations

Features

- Fully pre-assembled surface-mounted door station for vertical surface-mounted installation. This allows quick and clean installation.
- In the design of the design line Gira TX_44.
- Torsionally rigid surface-mounted housing thanks to aluminium profile.
- Frame made of shatter-proof thermoplastic with high resistance to ultraviolet light as well as a scratch-resistant, care-free surface.
- Theft protection by means of Torx screws.
- Signal transmission and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- One-man start-up with easy start-up procedure.
- Weather-resistant speaker.
- High-quality electret microphone.
- Speakerphone function (voice-controlled talk-back with echo and background noise suppression).
- Audible acknowledgement signal when a call button is pressed.
- Adjustable voice volume.
- White call-button illumination in LED technology. Even, clearly visible call button illumination is achieved via maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and without frame disassembly.
- Professional labelling is available from the Gira Inscription Service www.marking.gira.com or using the Gira inscription software.

Technical data

Power supply:	via the 2-wire bus
Connections	
- 2-wire bus:	2x screw terminals
- Additional power supply:	2x screw terminals
Protection type:	IP44
Ambient temperature:	-25 °C to +70 °C



pure white	1266 66	1/100	18
anthracite	1266 67	1/100	18
colour aluminium	1266 65	1/100	18

+ Necessary accessories

Audio ctrl.dev. DRA 1287 00	→	389
------------------------------------	---	-----

+ Optional accessories

In.sheets 62 x 62 mm 1458 00	→	231
Tri-Wing screws 30 pcs. 1407 00	→	367

Features

- Low profile height of just 19 mm.

Technical data

Dimensions in mm			
- Door station, 1-gang:	W 110	H 181	D 19
- Name plate:	W 62	H 62	D -

More information

Technical information	→	617
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Specifications	Order No.	P. unit	PS
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Surface-mounted door station, 3-gang



pure white	1267 66	1/100	18
anthracite	1267 67	1	18
colour aluminium	1267 65	1/100	18

+ Necessary accessories

Audio ctrl.dev. DRA 1287 00	→	389
------------------------------------	---	-----

+ Optional accessories

In.sheets 62 x 18 mm 1459 00	→	231
Call-btn cov.pl.3-g 1255 ..	→	366
Tri-Wing screws 30 pcs. 1407 00	→	367

Features

- Low profile height of just 19 mm.

Technical data

Dimensions in mm			
- Name plates:	W 110	H 181	D 19
	W 62	H 18	D -

Notes

- Call buttons which are not required can be covered with the call-button cover plate for call button, 3-gang.

More information

Technical information	→	617
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Surface-mounted door station, 6-gang



pure white	1268 66	1/100	18
anthracite	1268 67	1	18
colour aluminium	1268 65	1/100	18

+ Necessary accessories

Audio ctrl.dev. DRA 1287 00	→	389
------------------------------------	---	-----

+ Optional accessories

In.sheets 62 x 18 mm 1459 00	→	231
Call-btn cov.pl.3-g 1255 ..	→	366
Tri-Wing screws 30 pcs. 1407 00	→	367

Features

- Low profile height of just 19 mm.

Technical data

Dimensions in mm			
- Name plates:	W 110	H 253	D 19
	W 62	H 18	D -

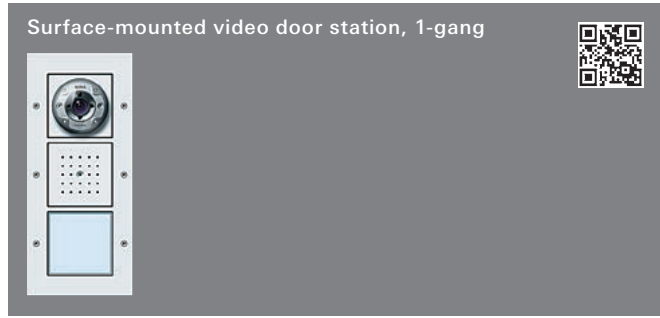
Notes

- Call buttons which are not required can be covered with the call-button cover plate for call button, 3-gang.

More information

Technical information	→	617
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Specifications Order No. P. unit PS



pure white	1269 66	1/100	10
anthracite	1269 67	1/100	10
colour aluminium	1269 65	1/100	10

+ Necessary accessories
Video ctrl.dev. DRA **1288 00** → 390

+ Optional accessories
In.sheets 62 x 62 mm **1458 00** → 231
Tri-Wing screws 30 pcs. **1407 00** → 367

Features

- Door station with colour camera, door speaker, and call button.
- Automatic day or night switching: the camera switches from day mode (colour display) to night mode (black and white display) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even in poor lighting conditions.
- LEDs ensure steady illumination of the field of view at close proximity in night mode.
- Camera can be manually swivelled 20° horizontally and vertically. In combination with the wide-angle lens, a very wide field of view results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated camera heating with temperature detection.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace if damaged, e.g. due to vandalism.

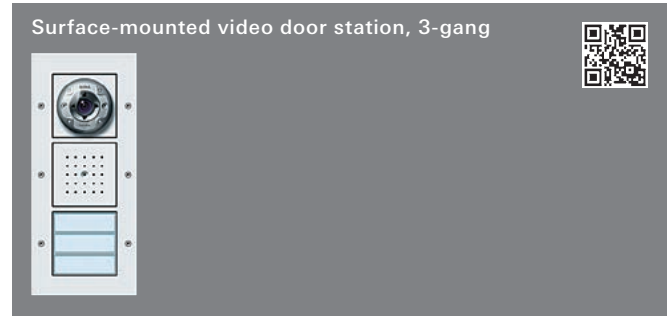
Technical data

Image recording element:	CCD sensor 0.85 cm (1/3")		
Wide-angle lens:	150°		
Visible detection range:	100°		
Area of detection (for 20° swivelling):	140°		
Colour system:	PAL		
Pixels:	500 (H) x 582 (V)		
Horizontal resolution:	380 TV lines		
Switchover threshold for colour to B/W operation:	1 lux		
Light sensitivity in B/W operation:	0.1 lux		
Electronic shutter speed::	up to 1/100000 s		
IR filter:	integrated		
Recommended mounting height for camera:	1.50 m		
Dimensions in mm			
- without camera:	W 110	H 253	D 19
- with camera:	W 110	H 253	D 40
- Name plate:	W 62	H 62	D -

More information

Technical information → ⓘ 617

Specifications Order No. P. unit PS



pure white	1270 66	1/100	10
anthracite	1270 67	1	10
colour aluminium	1270 65	1/100	10

+ Necessary accessories
Video ctrl.dev. DRA **1288 00** → 390

+ Optional accessories
In.sheets 62 x 18 mm **1459 00** → 231
Call-btn cov.pl.3-g **1255 ..** → 366
Tri-Wing screws 30 pcs. **1407 00** → 367

Features

- Automatic day or night switching: the camera switches from day mode (colour display) to night mode (black and white display) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even in poor lighting conditions.
- LEDs ensure steady illumination of the field of view at close proximity in night mode.
- Camera can be manually swivelled 20° horizontally and vertically. In combination with the wide-angle lens, a very wide field of view results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated camera heating with temperature detection.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace if damaged, e.g. due to vandalism.

Technical data

Image recording element:	CCD sensor 0.85 cm (1/3")		
Wide-angle lens:	150°		
Visible detection range:	100°		
Area of detection (for 20° swivelling):	140°		
Colour system:	PAL		
Pixels:	500 (H) x 582 (V)		
Horizontal resolution:	380 TV lines		
Switchover threshold for colour to B/W operation:	1 lux		
Light sensitivity in B/W operation:	0.1 lux		
Electronic shutter speed::	up to 1/100000 s		
IR filter:	integrated		
Recommended mounting height for camera:	1.50 m		
Dimensions in mm			
- without camera:	W 110	H 253	D 19
- with camera:	W 110	H 253	D 40
- Name plates:	W 62	H 18	D -

Notes

- Call buttons which are not required can be covered with the call-button cover plate for call button, 3-gang.

More information

Technical information → ⓘ 617

Specifications Order No. P. unit PS

Built-in speaker

Built-in speaker

1258 00	1	18
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- + Necessary accessories**
 One of the following articles:
- Audio ctrl.dev. DRA **1287 00** → 389
 - Video ctrl.dev. DRA **1288 00** → 390

- + Optional accessories**
- Add-on mod. built-in speaker **1259 00** → 364
 - Camera**
 - Colour camera door st. **1265 ..** → 357
 - Keyless In**
 - Gira Keyless In keypad **2605 ..** → 401

- Features**
- Built-in speaker for mounting in letterbox systems, voice compartments, door-side installations or front plates.
 - Up to eight mechanical bell buttons can be connected to the screw terminals provided.
 - Signal transmission and power supply of speaker via reverse-polarity-protected and short-circuit-proof 2-wire bus.
 - Compact size.
 - Weather-resistant speaker.
 - High-quality electret microphone.
 - Alternating current polling of the bell button connections to prevent oxidation on the button contacts.
 - Securing of connection terminals against incorrect connection.
 - Up to eight mechanical bell buttons can be connected.
 - Colour camera for door station can be connected.
 - Speakerphone function (voice-controlled talk-back with echo and background noise suppression).
 - Adjustable voice volume.
 - One-man start-up with easy start-up procedure.
 - Audible acknowledgement signal when a call button is pressed.

Technical data

Power supply:	DC 26 V ± 2 V (via 2-wire bus)
Connections	
- 2-wire bus:	2x screw terminals
- Additional power supply:	2x screw terminals
- Mechanical bell button:	8 x screw terminal
- Common earth of bell buttons:	1 x screw terminal
- Connection cable:	2 x connector strip
- Video:	1 x connector strip
Protection type:	IP44
Ambient temperature:	-25 °C to +70 °C
Dimensions in mm	
	W 101 H 67 D 27

- Notes**
- This component enables door communication systems with up to 140 audio devices to be set up (e.g. 1 x built-in speaker, 11 x add-on modules for built-in speakers, 136 x surface-mounted home stations).
 - The video control device is required if the system is extended with a colour camera.

More information
 Technical information → 620

Specifications Order No. P. unit PS

Add-on module for built-in speaker

1259 00	1	18
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+ Necessary accessories
 Built-in speaker **1258 00** → 364

- Features**
- Up to twelve mechanical bell buttons can be connected.
 - Additional bell buttons can be connected via additional add-on modules.
 - Up to eleven add-on modules can be connected to one built-in speaker.
 - Alternating current polling of the bell button connections to prevent oxidation on the button contacts.
 - Compact size.
 - Securing of connection terminals against incorrect connection.
 - Attachment of the add-on module with screws or gluing.

Technical data

Connections

- Mechanical bell button:	12 x screw terminal
- Common earth of bell buttons:	1 x screw terminal
- Connection cable:	2 x connector strip
Protection type:	IP44
Ambient temperature:	-25 °C to +70 °C
Dimensions in mm	
- incl. mounting lug:	W 67 H 66,4 D 27
- without mounting lug:	W 67 H 56 D 27

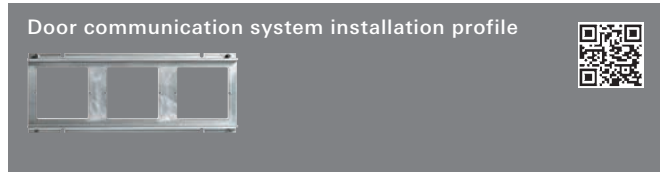
- Notes**
- Module for extending the built-in speaker when more than eight mechanical bell buttons are to be connected.
 - This component enables door communication systems with up to 140 audio devices to be set up (e.g. 1 x built-in speaker, 11 x add-on modules for built-in speakers, 136 x surface-mounted home stations).

Scope of supply
 - The mounting materials are included in the scope of supply.

Door stations

Specifications Order No. P. unit PS

Installation profile



1-gang	1274 00	1	18
2-gang	1275 00	1	18
3-gang	1276 00	1	18
4-gang	1277 00	1	18

+ Optional accessories
Mount.kit install.profile **1257 00** → 365

Door stations
Door st. 1-g FM **1260 ..** → 354
Door st. 3-g FM **1261 ..** → 355

Add-on modules
Call btn 1-g door st. **1262 00** → 356
Call btn 3-g door st. **1263 00** → 356
Info mod. door st. **1264 00** → 357
Colour camera door st. **1265 ..** → 357

Keyless In
Gira Keyless In keypad **2605 ..** → 401

Features
- Aluminium mounting profile for the customer-specific integration of flush-mounted components of the Gira door communication system in letterbox systems, front plates, or door-side installations, e.g. from the manufacturers JU-Metallwaren, Normbau.

The installation profile is mounted by
- The installation profile is mounted by
- Screwing through the front plate
- Screwing onto fixing bolts
- Mounting kit for installation profile
- Screwing onto mounting bolts.
- Mounting kit for installation profile.

Notes
- Using this profile, door stations, call buttons, info modules, and colour cameras can be integrated flush without frames. The height compensation ensures that the components can also be installed flush even if the material thicknesses are different.
- Wall thickness of front plate: 1.25 to 4 mm.

More information
Technical information → 620

Specifications Order No. P. unit PS



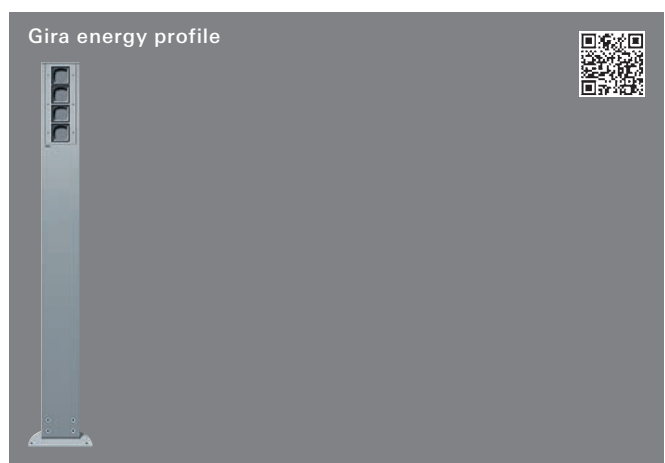
1257 00 1/5 18

+ Necessary accessories
One of the following articles:
DCS install.profile 1-g **1274 00** → 365
DCS install.profile 2-g **1275 00** → 365
DCS install.profile 3-g **1276 00** → 365
DCS install.profile 4-g **1277 00** → 365

Scope of supply
- Four each of mounting rails (aluminium), adhesive strips, and screws are included in the scope of supply.

Specifications Order No. P. unit PS

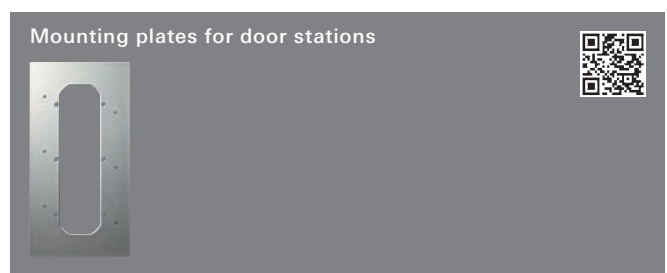
Gira energy profile and light profiles



4 empty units, height 1400 mm			
anthracite	1354 28	1	17
colour aluminium	1354 26	1	17
4 empty units, height 1600 mm			
anthracite	1356 28	1	17
colour aluminium	1356 26	1	17
Light element, 3 empty units, height 1600 mm			
anthracite	1353 28	1	17
colour aluminium	1353 26	1	17
Functional description		→	218

Specifications Order No. P. unit PS

Accessories



2-gang	1297 00	1	18
3-gang	1298 00	1	18
4-gang	1299 00	1	18

+ Necessary accessories
 One of the following articles:

Door stations
 Door st. 1-g FM 1260 .. → 354
 Door st. 3-g FM 1261 .. → 355

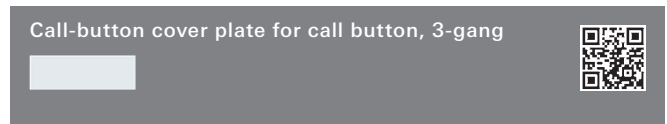
Add-on modules
 Call btn 1-g door st. 1262 00 → 356
 Call btn 3-g door st. 1263 00 → 356
 Info mod. door st. 1264 00 → 357
 Colour camera door st. 1265 .. → 357

Features

- Mounting plate for covering the installation openings of door intercom systems already present in the building when retrofitting the Gira door communication system.
- Holes are provided in the mounting plate for wall installation, and there are openings for installing the Gira door station.
- Material: Anodised aluminium.

Technical data
 Dimensions in mm

- 2-gang:	W 130	H 253
- 3-gang:	W 130	H 253
- 4-gang:	W 130	H 346



TX_44			
pure white	1255 66	5/25	18
anthracite	1255 67	5/25	18
colour aluminium	1255 65	5/25	18

+ Necessary accessories
 One of the following articles:



Door st. 3-g FM 1261 .. → 355
 Call btn 3-g door st. 1263 00 → 356
 SM door st. 3-g 1267 .. → 362
 SM door st. 6-g 1268 .. → 362
 SM video door st. 3-g 1270 .. → 363

Features

- For covering the unneeded call buttons of the flush-mounted door station 3-gang, the call button 3-gang for door stations, and the surface-mounted door station 3-gang and 6-gang.

Specifications	Order No.	P. unit	PS
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Set of audio/video connection cables 50 cm

	1273 00	1/5	18
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- + Necessary accessories**
 One of the following articles:
- Colour camera door st. **1265 ..** → 357
 - Built-in speaker **1258 00** → 364
 - Add-on mod. built-in speaker **1259 00** → 364

Features
 - Set of 6-pole audio connection cable and 2-pole video connection cable for remote operation of the colour camera.

Technical data
 Length: 50 cm

Notes
 - The cable set is required when the colour camera is to be mounted offset from the door station or the built-in speaker, or when several empty units must be bridged between the colour camera and the door station (bus coupler) during installation in the Gira energy profile.

Tri-Wing screw set






30 pieces	1407 00	1	09
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- + Necessary accessories**
 One of the following articles:
- Gira TX_44 cover frame → 192
 - SM door st. 1-g **1266 ..** → 362
 - SM door st. 3-g **1267 ..** → 362
 - SM door st. 6-g **1268 ..** → 362
 - SM door st. video 1-g **1269 ..** → 363
 - SM video door st. 3-g **1270 ..** → 363

+ Optional accessories
 Tri-Wing screwdriver **1408 00** → 367

Features
 - Tri-Wing screw set for increased theft protection.

Tri-Wing screwdriver

	1408 00	1	09
--	---------	---	----

+ Optional accessories
 Tri-Wing screws 30 pcs. **1407 00** → 367

Door stations

Gira Home Stations

Door communication

Surface-mounted home stations	372
Surface-mounted video home station Plus	373
Surface-mounted video home station 7	374
Home Stations	374
Call Button for home station	376
Add-on modules for home stations	377
Gira G1	378
Surface-mounted gong	380
Installation with Profile 55	381

Training courses

The "Door communication" and "DCS IP gateway" online distance learning courses are available free of charge at www.academy.gira.com alongside other training opportunities.

System Basics

"System basics of the Gira door communication system", available at www.download.gira.com

Gira Door Communication Configurator

www.dcsconfigurator.gira.com



Home stations

See who is at the door

Gira home stations are intercom and operating units at the apartment door. You can operate them through the Gira G1. And they are network-enabled: use the Gira DCS gateway to fully integrate Gira home stations into IP networks. Access: on your home WLAN and, thanks to DCS mobile, now even when on the move. Gira home stations come as wall-mounted and flush-mounted models to match the Gira design lines.



Home stations in the style of the design line

Home stations as surface-mounted or flush-mounted versions always match the Gira design lines. Due to their modular character, different functions can be integrated into the home stations.



Door communication with an all-rounder

The new Gira G1 is a true all-rounder for operating building technology. Combined with the Gira DCS IP gateway and, for example, the surface-mounted video Plus door station, it turns into a full home station. A camera image appears in the display when the doorbell rings. Communication is started or the door is opened with the tap of a finger. Other building technology functions can also be integrated in the Gira G1.



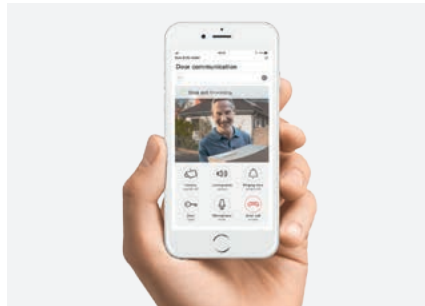
Door communication on the phone

The Gira DCS TC gateway integrates the door communication system into the telephone system. This enables call acceptance and control of the door opener via wired or mobile telephone. Respective telephone numbers are programmed in advance in the DCS TC gateway. Incoming calls, for example, then ring simultaneously in the garden, holiday home or at work, and the visitor at the front door can be spoken to.



Network-enabled door communication

The Gira door communication system offers the option of completely integrating Gira door and home stations into IP networks via the Gira DCS IP gateway. This allows the easy use of a wide variety of operating devices such as the Gira Control Clients, computers or IP-enabled phones to communicate with visitors in the entrance area.



DCS mobile: with high encryption and new features

Gira's DCS mobile sets a new standard for mobile door communications access. Also available as a function in the familiar DCS IP gateway for iOS and Android smartphones and now also through Gira's proprietary portal solution. Highly encrypted via Secure Data Access, which is also used in the Gira S1. New features include Early Media and conference calls. Implemented using the award-winning Gira interface design.



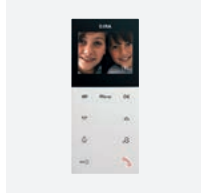
Faster start-up – Gira Project Assistant (GPA)

Gira door communication systems are unprecedented when it comes to simple, quick and error-free installation. New: the DCS IP data interface which enables a simple start-up using the GPA and the DCS IP data interface even if the items to be installed are not yet physically to hand. The transfer of data points to building automation is also enabled. Thus, for example, "Leaving Home" or "Coming Home" scenes can be started using Gira X1 for an incoming call at the door. The tried-and-tested push-button start-up can also still be used.

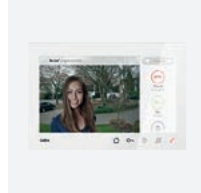




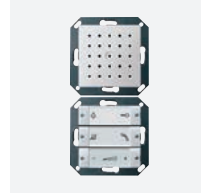
Surface-mounted home stations
→ 372



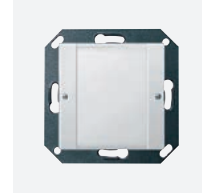
Surface-mounted video home station Plus
→ 373



Surface-mounted video home station 7
→ 374



Home Stations
→ 374



Call Button for home station
→ 376



Expansion modules for home stations
→ 377



Gira G1
→ 378



Surface-mounted gong
→ 380



Profile 55
→ 381

Specifications	Order No.	P. unit	PS
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Surface-mounted home stations

Features

- Completely pre-assembled surface-mounted home station This facilitates fast and clean installation.
- Design diversity thanks to integration into the design line, allowing uniform appearance of door communication and electrical installation.
- Installation possible with or without frame.
- Easy installation with plug-in screw terminals on the mounting plate. Contact to the home station is established when the home station is attached to the mounting plate.
- Easy disassembly of the home station during renovation work.
- Mounting holes for installation.
- Signal transmission and power supply of home station via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Parallel connection of up to three home stations is possible (with power supply via the 2-wire bus).
- One-man start-up with easy start-up procedure.
- Ringtone differentiation for door call, internal call and floor call.
- Choice of five different ringtone melodies for separate assignment to specific call buttons.
- Speakerphone function (voice-controlled talk-back with echo and background noise suppression).
- Enforcement function for loud background noises during the voice connection.
- Eavesdropping prevention.

Technical data

Power supply: DC 26 V ± 2 V (via 2-wire bus)
Ambient temperature: 0 °C to +50 °C

Notes

- Installation without frame is possible.
- A 2-gang cover frame without crossbar is required for installation with System 55 or the Gira F100 and Gira E22 design lines.
- A frame is required for installation in a device box

Specifications	Order No.	P. unit	PS
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Surface-mounted home station



System 55

cream white glossy	1250 01	1	18
pure white glossy	1250 03	1/52	18
pure white matt	1250 27	1	18
anthracite	1250 28	1	18
colour aluminium	1250 26	1	18
N black matt	1250 005	1	18
stainless steel	1250 600	1	18
bronze	1250 603	1	18
brass	1250 604	1	18
chrome	1250 605	1	18
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

aluminium	1250 203	1	18
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+ Necessary accessories

Audio ctrl.dev. DRA	1287 00	→	389
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+ Optional accessories

DCS btn I/F 2-g	1210 00	→	396
Mount.adapter pl. SM home st.	1256 00	→	397
Cov.fr. 2-g w/o cb	1002 ..		
- Standard 55		→	96
- E2		→	103
- E3		→	112
- Event		→	118
- Esprit		→	132
- ClassiX		→	146

Features

- Operating buttons with integrated LEDs for status display.
- The operating buttons of the surface-mounted home station control the following functions in connection with the switching actuator or the flush-mounted switching actuator:**
- Switching of lights and other functions.
- Control of the door opener.
- Setting the ringtone melody.
- Switching the ringtone on and off.
- Call acceptance.
- Activation of the enforcement function.
- Adjustment of ring tone and voice volume.

Technical data

Connections	
- 2-wire bus:	2x screw terminals
- Floor-call button:	2x screw terminals
Dimensions in mm	
- System 55, Gira E22:	W 55 H 127 D 20
- Gira F100:	W 70 H 142 D 20

Notes

- This component enables door communication systems with up to 70 devices to be set up (e.g. 1 x built-in speaker, 5 x add-on modules for built-in speakers, 68 x surface-mounted home stations).

More information

Technical information → 612

Specifications Order No. P. unit PS

Surface-mounted video home station Plus

Features

- When using an additional power supply for door communication, up to 28 surface-mounted home stations video can be used in parallel.
- The Video AP Plus home station video automatically detects whether a power supply for door communication is connected. A jumper between the additional power supply and bus is not required.
- Colour display with LED backlighting.
- OSD function, i.e. text presentation in display for status display and menu guidance.
- Capacitive operating buttons with integrated LEDs for status display: the buttons are operated with a light touch.
- Connectable automatic door opener: when this function is activated, the door opener is automatically operated after pressing the door station call button.
- Automatic call acceptance: direct speaking or listening into a room following an internal call.
- Toll-free in-house intercom communication with up to ten other home stations.

The operating buttons of the Video AP Plus control the following functions:

- Manual switching on/off of TFT colour display.
- Camera changeover – specific selection of connected colour cameras. Text in the display indicates which camera is currently being controlled.
- Switching light and other functions in conjunction with the switching actuator or the flush-mounted switching actuator.
- Control of the door opener.
- Switching the ringtone on and off.
- Call acceptance.
- Activation of the enforcement function.
- Adjustment of ring tone and voice volume.

Functions in the end customer menu:

- Internal call, switching action, ringtone melody, brightness, colour intensity, contrast, switch-on time of the display, language (21 languages can be selected), button tones, automatic door opener (when enabled by the installer), automatic call acceptance (when enabled by the installer).

Additional functions in the installer menu:

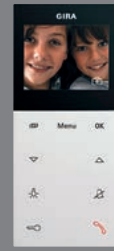
- Selection of main/secondary display, frequency setting, termination of the cable, version indication, factory setting, switching display on/off, switching LED illumination on/off, call button assignment, internal call assignment, enabling of automatic door opener and automatic call acceptance.

Technical data

Power supply:	DC 26 V ± 2 V (via 2-wire bus)		
Connections			
- 2-wire bus:	2x screw terminals		
- Floor-call button:	2x screw terminals		
- Additional power supply:	2x screw terminals		
Display size:	5.59 cm (2.2")		
Dimensions in mm			
- System 55, Gira E22:	W 55	H 127	D 20
- Gira F100:	W 70	H 142	D 20

Specifications Order No. P. unit PS

Surface-mounted video home station Plus



System 55

cream white glossy	1239 01	1	10
pure white glossy	1239 03	1	10
pure white matt	1239 27	1	10
anthracite	1239 28	1	10
colour aluminium	1239 26	1	10
N black matt	1239 005	1	10
stainless steel (lacquered)	1239 600	1	10
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

Aluminium (lacquered)	1239 203	1	10
-----------------------	-----------------	---	----

+ Necessary accessories

Video ctrl.dev. DRA 1288 00	→	390
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+ Optional accessories

Pow.supply DC 24 V 300 mA DRA 1296 00	→	392
DCS btn I/F 2-g 1210 00	→	396
Mount.adapter pl. SM home st. 1256 00	→	397
Cov.fr. 2-g w/o cb 1002 ..		
- Standard 55	→	96
- E2	→	103
- E3	→	112
- Event	→	118
- Esprit	→	132
- ClassiX	→	146

Features

- Card slot for SD memory card.
- SD memory card.

New additional functions in the end customer menu:

- Internal image memory (when enabled by the installer) for up to 48 images. Manual transfer from internal to external image memory (SD memory card). Manual deletion of image memory. Manual triggering of snapshot. Rename switching actions and internal calls. Change date/time.

New additional functions in the installer menu:

- Release of the internal image memory. Set the image interval and recording speed. Set date/time.

Properties of the SD memory card:

- Directory for ten ringing tones, five of which can be configured freely in WAVE format. Folder for external image memory (max. 200 images).

Technical data

SD memory card	
- Format:	FAT32
- Image memory:	max. 200 images
- Ringtone melodies:	10, 5 of which can be selected freely (WAVE format)

Notes

- Installation is possible either without a frame or with a 2-gang frame without crossbar from the System 55, Gira F100, or Gira E22 design lines.

Scope of supply

- An SD memory card is included in the scope of supply.

More information

Technical information → **1613**

Specifications Order No. P. unit PS

Surface-mounted video home station 7

N New. Available from 05/2019.

Surface-mounted home station video 7



pure white glossy	1209 03	1	10
black matt	1209 005	1	10

+ Necessary accessoriesVideo ctrl.dev. DRA **1288 00** → 390**+ Optional accessories**Pow.supply DC 24 V 300 mA DRA **1296 00** → 392Pow.supply DC 24 V 700 mA DRA **2570 00** → 392DCS btn I/F 2-g **1210 00** → 396Base foot SM video home st. 7 **1282 ..** → 374Mount.adapter pl. SM home st. **1256 00** → 397**Features**

- Fully pre-assembled unit with 17.78-cm (7") TFT colour display and convenient hands-free feature.
- Front panel made entirely of glass with touch functionality and tactile feedback.
- Direct wall-mounting or wall-mounted in flush-mounted device box or cavity box.
- Add pedestal for set-up on items of furniture.

Technical data

Power supply: DC 26 V ± 2 V

Connections

- 2-wire bus: 2 x plug terminals
- Additional power supply: 2 x plug terminals
- Floor-call button: 2 x plug terminals

Display

- Diagonal: 17.78 cm (7")
- Colour system: PAL
- Resolution: 1024 x 600 pixels

microSD card

- Type: SDHC
- SDHC memory capacity: 32 GB
- File system: FAT 32

Ambient temperature: -5°C to +50°C

Dimensions in mm

W 181 H 123 D 21

Specifications Order No. P. unit PS

Home Stations

Features

- Uniform installation of door communication and electrical installation in a device box.
- Design diversity thanks to integration in the design line. This facilitates the uniform appearance of the door communication and electrical installation.
- Signal transmission and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular design, therefore easy installation and expandability with further components such as call buttons for home stations, TFT colour display, etc.
- Parallel connection of up to three home stations is possible.
- One-man start-up with easy start-up procedure.
- Ringing tone differentiation for door call, floor call and internal call.
- Toll-free in-house intercom communication in combination with the call button for home stations.
- Eavesdropping prevention.
- Integration possible in Profile 55.

Technical data

Power supply: DC 26 V ± 2 V (via 2-wire bus)

Bus coupler connections

- 2-wire bus: 2x screw terminals
- Floor-call button: 2x screw terminals
- Connection cable: 2x screw terminals
- Video: 1 x connector strip

Ambient temperature: -5 °C to +50 °C

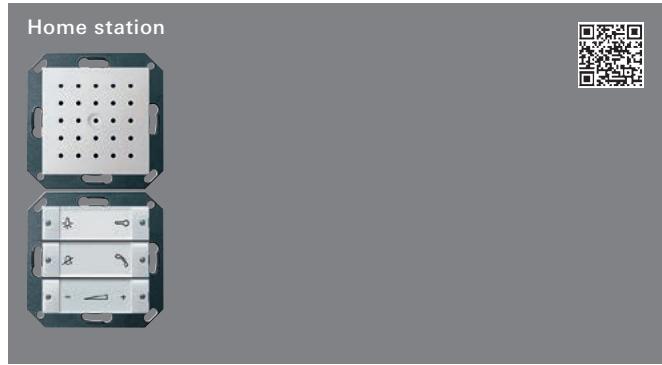
Surface-mounted home station video 7 pedestal



pure white glossy	1282 03	1	10
black matt	1282 005	1	10

+ Necessary accessoriesSM video home st. 7 **1209 ..** → 374

Specifications Order No. P. unit PS



System 55

Cream white glossy + clear / pure white glossy	1280 101	1	18
Pure white glossy + clear / pure white glossy	1280 103	1/100	18
Pure white matt / clear pure white glossy	1280 127	1/100	18
Anthracite + clear / pure white glossy	1280 128	1	18
Colour aluminium + clear / pure white glossy	1280 126	1	18
N black matt + clear / pure white glossy	1280 005	1	18
stainless steel	1280 600	1	18
bronze	1280 603	1	18
brass	1280 604	1	18
chrome	1280 605	1	18
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 1280 203 1 18

+ Necessary accessories
 One of the following articles:
 Audio ctrl.dev. DRA 1287 00 → 389
 Video ctrl.dev. DRA 1288 00 → 390

+ Optional accessories
Add-on modules
 Call btn 1-g home st. 1283 .. → 376
 Call btn 3-g home st. 1285 .. → 376
 TFT colour display 1286 .. → 377
 DCS btn I/F 2-g 1210 00 → 396
Integration in Profile 55
 Gira Profile 55 → 209

Features
 - Operating button with integrated LEDs for status display.
 - Speakerphone function (voice-controlled talk-back with echo and background noise suppression).
 - Enforcement function for loud background noises during the voice connection.

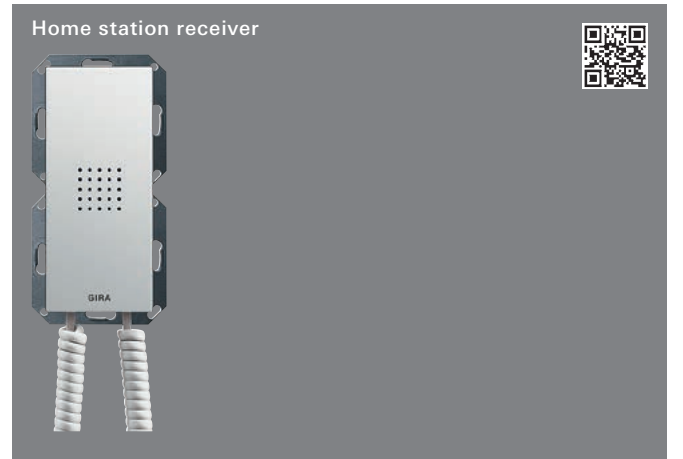
The operating buttons of the home station control the following functions
 - Switching light and other functions in conjunction with the switching actuator or the flush-mounted switching actuator.
 - Control of the door opener.
 - Switching the ringtone on and off.
 - Call acceptance.
 - Activation of the enforcement function.
 - Adjustment of ring tone and voice volume.
 - Choice of five different ringtone melodies for separate assignment to specific call buttons.
 - Connectable automatic door opener: when this function is activated, the door opener is automatically operated after pressing the door station call button.

Technical data
 Speech insert connection
 - Connection cable: 2 x connector strip
 Installation depth: 30 mm

Specifications Order No. P. unit PS

Notes
 - This component enables door communication systems with more than 30 devices to be set up.
 - The video control device DRA is required if the system is extended with a TFT display.

More information
 Technical information → ⓘ 612



System 55			
pure white glossy	1281 03	1	18

+ Necessary accessories
 One of the following articles:
 Audio ctrl.dev. DRA 1287 00 → 389
 Video ctrl.dev. DRA 1288 00 → 390

+ Optional accessories
Add-on modules
 Call btn 1-g home st. 1283 .. → 376
 Call btn 3-g home st. 1285 .. → 376
 TFT colour display 1286 .. → 377
 DCS btn I/F 2-g 1210 00 → 396
Integration in Profile 55
 Gira Profile 55 → 209

Features
 - Call acceptance by picking up receiver.
 - Magnetic receiver hook with integrated cradle.
 - Plug-in receiver cable for greater ease of installation.
The operating buttons of the home station control the following functions
 - Switching light and other functions in conjunction with the switching actuator or the flush-mounted switching actuator.
 - Control of the door opener.
 - Adjustment of ringtone volume.

Technical data
 Receiver insert connections
 - Connection cable: 1 x connector strip
 - Receiver: RJ11 jack
 Installation depth: 30 mm

Notes
 - This component enables door communication systems with more than 30 devices to be set up.
 - The video control device DRA is required if the system is extended with a TFT display.
 - Installation with cover frame, 2-gang.

More information
 Technical information → ⓘ 612

Home stations

Specifications	Order No.	P. unit	PS
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Call Button for home station

Features

- Installation in a device box.
- Design diversity thanks to integration in the design line. This facilitates the uniform appearance of the door communication and electrical installation.
- Signal transmission and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular design, allowing easy installation and expandability.
- Inscription space can be exchanged without tools and without frame disassembly.
- Professional labelling is available from the Gira Inscription Service www.marking.gira.com or using the Gira inscription software.

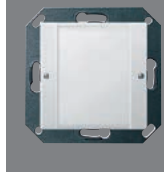
Technical data

Power supply:	via connection cable
Connecting the connection cable:	2 x connector strip
Ambient temperature:	-5 °C to +50 °C
Dimensions in mm	
- 1-gang:	W 38 H 55
- 3-gang:	W 38 H 55

Notes

- Integration possible in Profile 55.

Call Button, 1-gang for home station



System 55			
clear + pure white glossy	1283 100	1	18

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
Aluminium (lacquered)	1283 203	1	18

+ Necessary accessories

One of the following articles:

Home st. 1280 ..	→	375
Home st. receiver 1281 ..	→	375

+ Optional accessories

Inscription			
In.sheets 38 x 54 mm 1090 00	→	232	
Integration in Profile 55			
Gira Profile 55	→	209	

Features

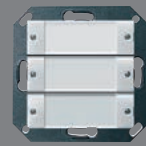
- Extension of the home station with an additional call button for implementation of the free in-house intercom communication between two home stations or for switching in conjunction with the switching actuator or flush-mounted switching actuator.

Technical data

Installation depth:	30 mm
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Specifications	Order No.	P. unit	PS
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Call Button, 3-gang for home station



System 55			
clear + pure white glossy	1285 100	1	18

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
Aluminium (lacquered)	1285 203	1	18

+ Necessary accessories

One of the following articles:

Home st. 1280 ..	→	375
Home st. receiver 1281 ..	→	375

+ Optional accessories

Inscription			
In.sheets 38 x 54 mm 1090 00	→	232	
Integration in Profile 55			
Gira Profile 55	→	209	

Features

- Extension of the home station with three additional call buttons for implementation of the free in-house intercom communication between two home stations or for switching in conjunction with the switching actuator or flush-mounted switching actuator.

Technical data

Installation depth:	30 mm
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Specifications	Order No.	P. unit	PS
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Add-on modules for home stations



System 55	Order No.	P. unit	PS
cream white glossy	1286 01	1	10
pure white glossy	1286 03	1	10
pure white matt	1286 27	1	10
anthracite	1286 28	1	10
colour aluminium	1286 26	1	10
N black matt	1286 005	1	10
stainless steel	1286 600	1	10
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 1286 203 1 10

+ Necessary accessories
 One of the following articles:
 Home st. 1280 .. → 375
 Home st. receiver 1281 .. → 375

+ Optional accessories
Integration in Profile 55
 Gira Profile 55 → 209

- Features**
- High-resolution, active TFT colour display for extension of the home stations.
 - Uniform installation of door communication and electrical installation in a device box.
 - Design diversity thanks to integration in the design line. This facilitates the uniform appearance of the door communication and electrical installation.
 - Signal transmission and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
 - Because of modularity, simple extension of the home stations with the TFT colour display.
 - Colour display with LED backlighting.
 - OSD function, i.e. text presentation in display for status display and menu guidance.
- 1-way switch with the following functions**
- Manual switching on/off of TFT colour display.
 - Camera changeover – targeted selection of up to 15 camera sources. Text in the display indicates which camera is currently being controlled.
- Cursor buttons with 5-way-navigation for parameter setting**
- As end customer: brightness, colour intensity, contrast, switch-on time of the display.
 - As installer: selection of the language (German or English), frequency setting, termination of the cable, display of version, factory setting, switching display on or off, switching LED illumination on or off, brightness, colour intensity, contrast, and switch-on time of the display.

Technical data

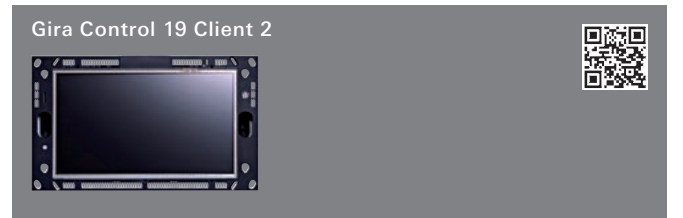
Power supply:	via connection cable
Display insert connections	
- Connection cable:	2 x connector strip
- Video:	1 x connector strip
Colour system:	PAL
Display size	
- System 55, Gira E22:	4.57 cm (1.8")
- Gira F100:	6.35 cm (2.5")
Number of pixels	
- System 55, Gira E22:	557 x 234
- Gira F100:	960 x 240
Installation depth:	33 mm.
Ambient temperature:	-5 °C to +50 °C

Specifications	Order No.	P. unit	PS
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Notes

- Cannot be used in combination with the surface-mounted home station.
- Integration possible in Profile 55.

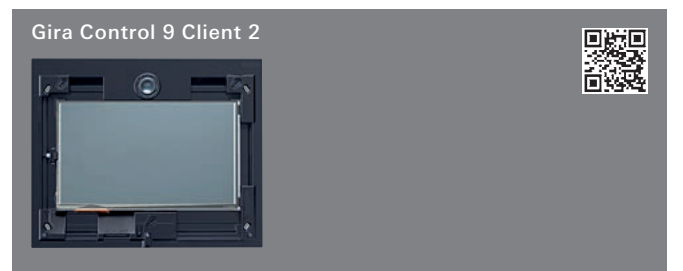
More information
 Technical information → i613



	2068 00	1	05
+ Necessary accessories			
FM DB Gira Control 19 Client 2	2076 00		→ 475
Des.fr. Gira Control 19 Client 2	2065 ..		→ 475

+ Optional accessories
One of the following articles:
 DCS-IP gateway 5 licences 2620 97 → 387
 DCS-IP gateway 10 licences 2620 98 → 387
 DCS-IP gateway 20 licences 2620 99 → 387

Can be used with DCS-IP-gateway as home station.
 Functional description → 472



	2097 00	1	05
+ Necessary accessories			
One of the following articles:			
FM DB Gira Control 9	2082 00		→ 476
and			
Des.fr. Gira Control 9 Client 2	2057 ..		→ 475

+ Optional accessories
One of the following articles:
 DCS-IP gateway 5 licences 2620 97 → 387
 DCS-IP gateway 10 licences 2620 98 → 387
 DCS-IP gateway 20 licences 2620 99 → 387
 Adapter fr. Gira Control 9 2081 00 → 476

Can be used with DCS-IP-gateway as home station.
 Functional description → 473

Specifications	Order No.	P. unit	PS
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Gira G1

The Gira G1 is a multi-functional room operating device for visualising and operating a variety of building functions. For use in the KNX system and Gira door communication system, or as client. The respective range of functions depends on the firmware used.

When used as a client, the KNX room operating device features are not available. **For details on the exact scope of functions, please refer to the Gira online catalogue and the device's technical documentation.**

Features

- Operation is via a gesture-capable multi-touch display.
- Connection and communication are via LAN or WLAN, depending on the variant.
- Integrated speaker.
- Integrated microphone with echo compensation.

Potential applications and combinations

- As a multi-functional room operating device, the Gira G1 offers the following functions and function combinations:
- KNX room operating device
- Home station video
- Integrates Internet services or as client for the following systems/ servers – HomeServer – eNet – X1 – Alarm Connect security system

Properties as a KNX room operating device

- Intuitive user interface that can be adapted by the end user.
- Switching and dimming (relative and absolute), dimming (incl. Dimming RGB, RGBW, and Tunable White), blind and roller shutter control, value transmitter, and scene auxiliary unit.
- Status display, display of date and time, display of indoor and outdoor temperature.
- Up to 150 functions (six function folders or rooms with up to 25 functions each).
- Up to 125 seven-day timer with 10 switching times each.
- Room temperature controller in combination with the temperature sensor module (available as an optional extra), or KNX devices for room temperature measurement, e.g. touch sensor 3 Komfort.
- Operating modes: Comfort, standby, night, and frost or heat protection with their own temperature setpoint values (for heating and/or cooling).
- Operating modes can be adapted individually.
- A heating clock as seven-day timer with 28 switching times.
- Room temperature controller auxiliary unit for controlling air conditioning systems (fan coil) in conjunction with a KNX gateway for air conditioning systems.

Properties as video home station

- Camera changeover: specific selection of connected colour cameras.
- Control of the door opener.
- Switching the ringtone on and off.
- Ring tone can be selected from a choice of 10 melodies.
- Internal calls.

Integration of Internet services

- Gira weather service: display of the weather forecast for up to five cities (internet connection required).

Gira G1 can also be used as a client for the following systems/ servers (requires firmware update):

- HomeServer Client
- eNet Client
- X1 Client

Specifications	Order No.	P. unit	PS
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Technical data

Power consumption

- Maximum: 7 W
- Typical: 4 W
- Minimum: 2 W

Display

- Type: TFT
- Size: 15.3 cm (6")
- Number of colours: 16.7 M
- Resolution: 480 x 800 px (WVGA), 155 ppi
- Brightness: 350 cd/m²
- Contrast ratio: 1:500
- Viewing angle: > 80° all around

Proximity sensor

- Range: max. 50 cm
- Detection range: 30° horizontal, 30° vertical

KNX medium:

KNX standards

- DPTs value transmitter: 5.010, 6.010, 5.001, 5.004, 7.001, 8.001, 9.xxx, 12.001, 13.001, 14.xxx

Protection type:

IP21
Ambient temperature: 0 °C to +45 °C

Dimensions in mm

- | | | | |
|--|------|--------|------|
| - Gira G1 (incl. flush-mounted power supply unit): | W 97 | H 168 | D 47 |
| - Gira G1 (without flush-mounted power supply unit): | W 97 | H 168 | D 15 |
| - Mounting height: | W - | H 1500 | D - |

Notes

- Suitable for indoor use only.
- Recommended mounting height: 150 cm above floor.
- Installation is performed on a deep device box (an electronics box is recommended for a LAN connection).
- Communication with the KNX installation is exclusively via the KNXnet/IP standard.
- A KNX IP router must be used to connect the Gira G1 PoE to the KNX installation. Several Gira G1 units can be operated on one KNX IP router.
- In order to ensure reliable communication via WLAN, a Gira KNX IP router (firmware version 3 and later) is required to connect the Gira G1 230 V or G1 24 V to the KNX installation. For this purpose the Gira KNX IP router (firmware version 3 and later) is specially equipped with the additional function "Reliable data communication". Several Gira G1 units can be operated on one Gira KNX IP router (firmware version 3 and later).
- Hardware from index status I08 prepared for KNX Secure (additional firmware update required).
- Commissioning in the KNX system from ETS 5.5 or higher.
- Can be used as a home station in connection with the DCS-IP gateway.
- When planning the system, please observe the technical information on network planning in the device documentation.
- The Gira Project Assistant (GPA) is required for firmware updates. The GPA is available free of charge in the Gira download area.
- Using the timers requires either an internet connection to a NTP time server or a KNX clock (e.g. Gira weather station Plus **2074 00**).
- When used as a Gira HomeServer client, the Gira G1's temperature sensor module is not supported.

Specifications Order No. P. unit PS



black glass	2069 05	1	36
white glass	2069 12	1	36

+ Necessary accessories

For integration into a Gira door communication system
DCS-IP gateway 5 licences **2620 97** → 387
For integration as KNX room operating device
KNX IP router **2167 00** → 514

+ Optional accessories

Temperature sensor module for Gira G1 (only when used as KNX room operating device)
Temperature sensor mod. Gira G1 **2091 00** → 464

Features

- Gira G1 with flush-mounted connection module PoE LAN. Power is supplied via the network cable (Power over Ethernet).
- Data communication via LAN.

Technical data

Power supply
- PoE performance class 0: DC 48 V PoE
LAN standard: IEEE 802.3af
Connection cable
- Ethernet specifications: Cat.5_e, Cat.6, Cat.6_a, Cat.7
Installation depth: 32 mm

Notes

- We recommend using an electronics box to install the flush-mounted connection module PoE.
- A PoE-capable switch is required.

Scope of supply

- Display module, holding frame, flush-mounted connection module PoE LAN



black glass	2067 05	1	36
white glass	2067 12	1	36

+ Necessary accessories

For integration into a Gira door communication system
DCS-IP gateway 5 licences **2620 97** → 387
For integration as KNX room operating device
KNX IP router **2167 00** → 514

+ Optional accessories

Temperature sensor module for Gira G1 (only when used as KNX room operating device)
Temperature sensor mod. Gira G1 **2091 00** → 464

Features

- Gira G1 with flush-mounted connection module 230 V WLAN.
- Data communication via WLAN.

Specifications Order No. P. unit PS

Technical data

Power supply: AC 230 V, 50/60 Hz
WLAN standard: IEEE 802.11b/g/n - 2.4 GHz
Installation depth: 32 mm

Scope of supply

- Display module, holding frame, flush-mounted connection module 230 V WLAN



black glass	2077 05	1	36
white glass	2077 12	1	36

+ Necessary accessories

For integration into a Gira door communication system
DCS-IP gateway 5 licences **2620 97** → 387
For integration as KNX room operating device
KNX IP router **2167 00** → 514

+ Optional accessories

Temperature sensor module for Gira G1 (only when used as KNX room operating device)
Temperature sensor mod. Gira G1 **2091 00** → 464
24 V power supplies
Pow.supply DC 24 V 300 mA DRA **1296 00** → 392
Pow.supply DC 24 V 700 mA DRA **2570 00** → 392
Pow.supply AC 24 V 1 A DRA **1024 00** → 537
DC pow.supply unit 24 V 5 A DRA **0535 00** → 393

Features

- Gira G1 with flush-mounted connection module 24 V WLAN for connecting to a suitable cable (e.g. to the second wire pair of the KNX bus line).
- Data communication via WLAN.

Technical data

Power supply: AC/DC 10 to 31 V
WLAN standard: IEEE 802.11b/g/n - 2.4 GHz
Connection cable
- Wire diameter: 0.6 - 0.8 mm
Installation depth: 32 mm

Notes

- For dimensioning the power supply, the total power consumption of all connected devices as well as the voltage drop in the supply network must always be considered.

Scope of supply

- Display module, holding frame, flush-mounted connection module 24 V WLAN

Specifications	Order No.	P. unit	PS
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Specifications	Order No.	P. unit	PS
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Surface-mounted gong



Notes

- A frame is required for installation in a device box.
- A 2-gang frame without crossbar is required for installation with a frame.

System 55

cream white glossy	1200 01	1	18
pure white glossy	1200 03	1	18
pure white matt	1200 27	1	18
anthracite	1200 28	1	18
colour aluminium	1200 26	1	18
N black matt	1200 005	1	18

N Black matt. New product.

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	1200 203	1	18

+ Necessary accessories

One of the following articles:

Audio ctrl.dev. DRA	1287 00	→	389
Video ctrl.dev. DRA	1288 00	→	390

+ Optional accessories

Cov.fr. 2-g w/o cb	1002 ..		
- Standard 55		→	96
- E2		→	103
- E3		→	112
- Event		→	118
- Esprit		→	132
- ClassiX		→	146

Features

- The surface-mounted gong in the Gira door communication system is for additional signalling.
- Fully pre-assembled surface-mounted gong, which allows quick and clean mounting.
- Design diversity thanks to integration, allowing uniform appearance of door communication and electrical installation.
- Installation possible with or without frame.
- Easy installation using pull-off screw terminals.
- Easy disassembly of device during renovation work.
- Mounting holes for installation.
- Signal transmission and power supply of the surface-mounted gong via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Parallel connection of up to three gongs or home stations possible.
- One-man start-up with easy start-up procedure.
- Operating buttons with integrated LEDs for status display.
- LED display for an incoming call.
- Ringtone deactivation is possible.
- Ringtone differentiation for door call, internal call and floor call.
- Selection of ringtone melody – up to five different ringing tone melodies can be selected.

The operating buttons of the gong control the following functions

- Setting the ringtone melody.
- Switching the ringtone on and off.
- Adjustment of ringtone volume.

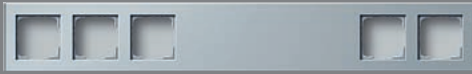
Technical data

Power supply:	via the 2-wire bus
Connections	
- 2-wire bus:	2x screw terminals
- Floor-call button:	2x screw terminals
Ambient temperature:	-5 °C to +50 °C
Dimensions in mm	
- Device:	W 55 H 127 D 20

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Installation with Profile 55

Profile 55 for vertical and horizontal installation



1-gang

Pure white (lacquered)	1361 27	1	17
aluminium	1361 26	1	17

2-gang

Pure white (lacquered)	1362 27	1	17
aluminium	1362 26	1	17

3-gang

Pure white (lacquered)	1363 27	1	17
aluminium	1363 26	1	17

5-gang

Pure white (lacquered)	1364 27	1	17
aluminium	1364 26	1	17

5-gang 600mm

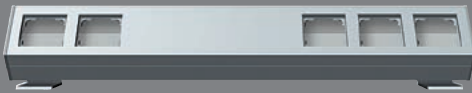
Pure white (lacquered)	1365 27	1	17
aluminium	1365 26	1	17

8-gang

Pure white (lacquered)	1366 27	1	17
aluminium	1366 26	1	17

Functional description → 212

Profile 55 with angled mounting bracket



2-gang

Pure white (lacquered)	1192 27	1	17
aluminium	1192 26	1	17

3-gang

Pure white (lacquered)	1193 27	1	17
aluminium	1193 26	1	17

5-gang 600mm

Pure white (lacquered)	1195 27	1	17
aluminium	1195 26	1	17

8-gang

Pure white (lacquered)	1198 27	1	17
aluminium	1198 26	1	17

Functional description → 213

Gira system devices

Door communication

DCS-IP gateway	387
DCS-TC gateway	388
Control Devices	389
Switching actuators	393
Video accessories	394
Accessories	396

Training courses

The "Door communication" and "DCS IP gateway" online distance learning courses are available free of charge at www.academy.gira.com alongside other training opportunities.

System Basics

"System basics of the Gira door communication system", available at www.download.gira.com

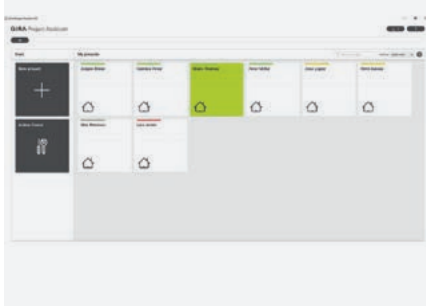
Gira Door Communication Configurator

www.dcsconfigurator.gira.com



Door communication system using drag & drop – fast and intuitive

Gira door communication systems are unprecedented when it comes to simple, quick and error-free installation. New: the DCS IP data interface which enables a simple start-up using the Gira Project Assistant (GPA) even if the items to be installed are not yet physically to hand. The transfer of data points to building automation is also enabled. Thus, for example, "Leaving Home" or "Coming Home" scenes can be started using Gira X1 for an incoming call at the door. The tried-and-tested push-button start-up can also still be used.



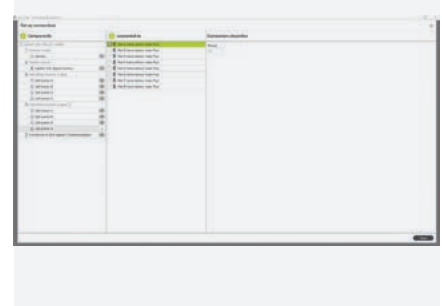
Managing projects

The GPA also displays projects in a clearly-arranged order. Project progress can be indicated by colours.



Create building, position device

Create the desired building quickly and easily by dragging and dropping. Position devices and functions the same way. Yellow input screens indicate a required input.



Assigning call buttons to home stations

Two mouse-button clicks and you've assigned a call button to a home station. It couldn't be faster.



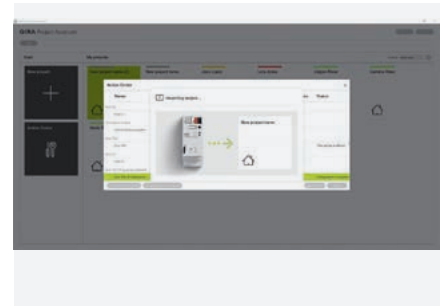
Can be upgraded with Gira X1/Gira L1

Adding the Gira X1/Gira L1 to the project allows you to use the powerful logic module for further processing of the information from the door communication system in the KNX.



System documentation at the touch of a button

Simply press a button to create documentation of the door communication system. No complicated subsequent work necessary.



Reading out existing systems

Existing systems (going back to 2016) can be read out through the DCS IP data interface. The GPA will create a project including bus addresses, assignments and settings.



DCS-IP gateway
→ 387



DCS-TC gateway
→ 388



Control Devices
→ 389



Switching actuators
→ 393

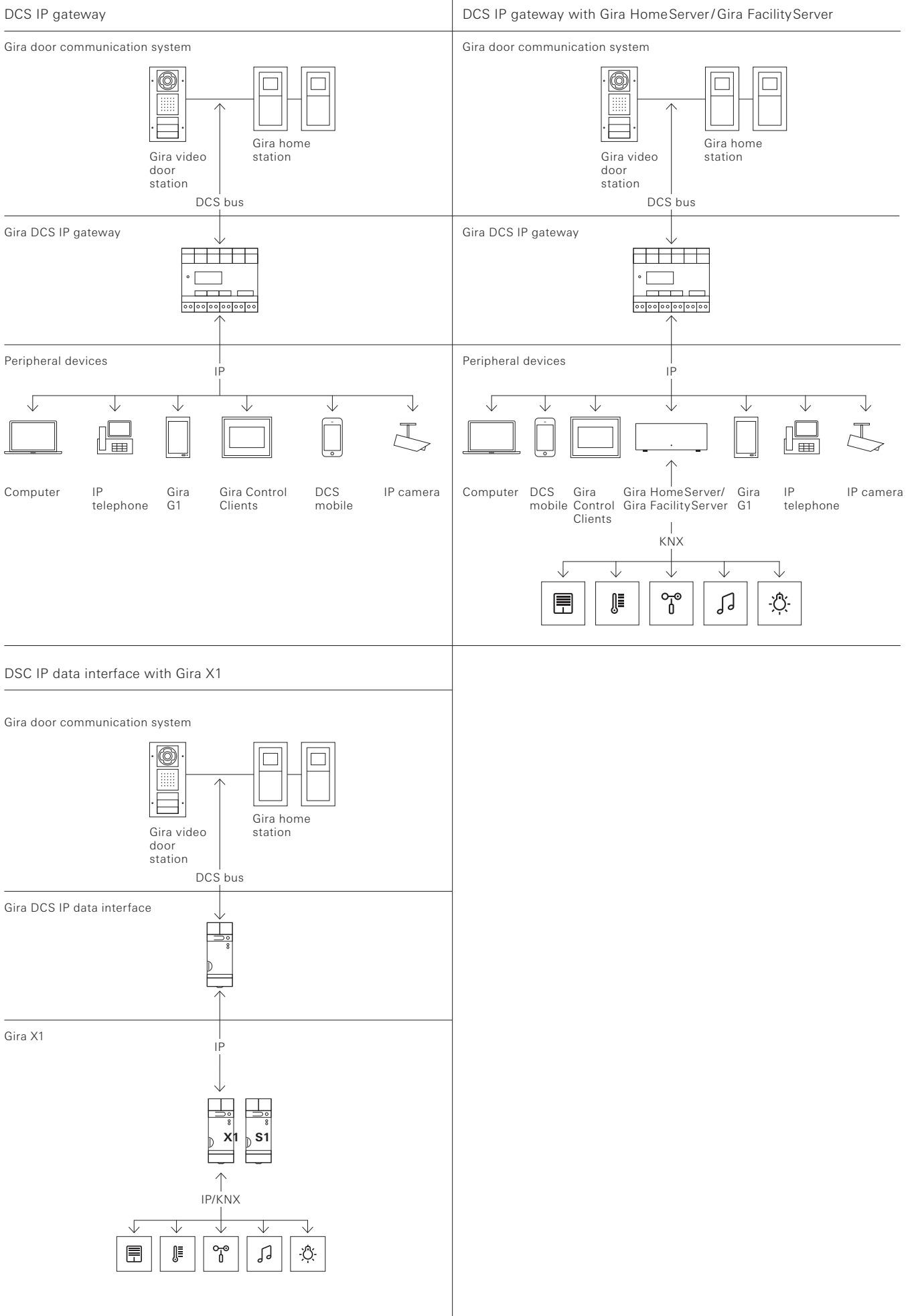


Video accessories
→ 394



Accessories
→ 396

DCS IP gateway/DCS IP data interface function diagram



Door communication system devices

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

DCS-IP gateway



5 licences	2620 97	1/100	10
10 licences	2620 98	1/100	10
20 licences	2620 99	1	10

+ Necessary accessories

Video ctrl.dev. DRA 1288 00	→	390
Pow.supply DC 24 V 300 mA DRA 1296 00	→	392

+ Optional accessories

Operating devices as a home station

Gira G1 PoE 2069 ..		
Gira G1 230 V 2067 ..		
Gira G1 24 V 2077 ..		
Gira Control 19 Client 2 2068 00	→	472
Gira Control 9 Client 2 2097 00	→	473

- Features**
- Expanded range of functions after firmware update**
- **The functions described below are not included in delivery.** The functions are made available with a free firmware update of the DCS IP gateway, they are not included in the purchase price. To use the expanded functions, a microSDHC card (recommended 2 GB / max. 32 GB SDHC) must be installed in the DCS IP gateway.
 - With the firmware update, the DCS-IP gateway is expanded by the "Individualised message" function.
 - In connection with the Gira HomeServer or FacilityServer, audio files can be specifically played back. In this way, e. g. status messages from the KNX system can be output via defined recorded messages at the door stations.

- DCS communicator**
- With the "DCS communicator" software, common computers and PC-based operating devices such as the Gira Control 9 Client or Gira Control 19 Client can be used as home stations via the network connection.
 - With the "DCS communicator" software, common computers and PC-based operating devices such as the Gira Control 9 Client or Gira Control 19 Client can be used as home stations via the network connection.
 - The DCS Communicator offers all the functions of a video home station such as accepting conversations, switching lights (in conjunction with a switching actuator), and opening doors.
 - The connection to the gira HomeServer or Gira FacilityServer via a plug-in enables display in the Gira Interface.
 - The Logic Modules enable the realisation of new application possibilities, such as access control via the Gira Keyless In products.

- Start-up**
- The start-up computer must have a current browser (e. g. Mozilla Firefox, Microsoft Internet Explorer, Opera, Safari, Chrome).
 - The start-up computer must have a current browser (e. g. Mozilla Firefox, Microsoft Internet Explorer, Opera, Safari, Chrome).

- DCS mobile**
- Integration of mobile devices with Android or iOS operating system into the Gira door communication system.
 - "Gira DCS mobile app" is available for download from Gira or in the App Store für iOS and Android.
 - Very high data security via "Secure Data Access" of the Gira S1.
 - A proprietary portal by Gira can be created via the Gira device portal.

Specifications	Order No.	P. unit	PS
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Technical data

Rated voltage:	DC 24 V
Power consumption	
- Conversation mode:	5.0 W
- Standby:	1.6 W
Connections	
- Power supply:	2x screw terminals
- 2-wire bus OUT:	2x screw terminals
- 2-wire bus IN:	2x screw terminals
- Network connection:	1 x RJ45, 10/100 Mbit
Supported resolution:	CIF with standard image resolution
Ambient temperature:	-5 °C to +50 °C
Dimensions	
- Modular widths (MW):	6

- Notes**
- The following license models are available:
 - 2627 97: 5 simultaneously active DCS Communicators
 - 2627 98: 10 simultaneously active DCS Communicators
 - 2627 99: 20 simultaneously active DCS Communicators
 - With license models, please note that the DCS Communicator may be installed on any number of end devices. The number specified in the license model only specifies the number of simultaneously registered DCS Communicators.
 - The additional power supply for door communication is required to supply power to the DCS-IP gateway.
 - The DCS IP gateway is started up via a web interface. For start-up via a web interface, the start-up computer must have a current browser (e. g. Mozilla Firefox, Microsoft Internet Explorer, Opera, Safari, Chrome).

- Scope of supply**
- 2 GB microSDHC card is included in the scope of supply.



Cross reference

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

DCS-TC gateway



DRA	1290 00	1	18
-----	---------	---	----

+ Necessary accessories

Audio control device			
Audio ctrl.dev. DRA 1287 00		→	389
or			
Video control device and 1 power supply			
Video ctrl.dev. DRA 1288 00		→	390
Pow.supply DC 24 V 300 mA DRA 1296 00		→	392
Pow.supply DC 12 V 2 A DRA 5319 00		→	393
+ Optional accessories			
Program.set DCS-TC gateway 1291 00		→	388
Power supply			
Pow.supply DC 24 V 300 mA DRA 1296 00		→	392
Pow.supply DC 12 V 2 A DRA 5319 00		→	393
Switching actuators			
DCS swit.act. DRA 1289 00		→	393
DCS FM swit.act. 1211 00		→	394

- Features**
- DCS-TC gateway for connecting the Gira door communication system to the existing telephone system.
 - For an analogue telephone connection, the DCS-TC gateway is simply connected between the telephone connection and the analogue telephone. Telephone calls can be conducted on the existing telephone as usual.
 - In addition, door calls are forwarded by the Gira door communication system to the telephone. It is then possible to speak to the person at the front door, and the door opener can be activated with the telephone keypad.
 - In addition, door calls can be forwarded to an answering machine or a mobile phone.
 - Acceptance of door calls via the existing telephone.
 - Direct exchange connection, eliminating the need for a telephone system for analogue operation.
 - Can be connected to the a/b connection of existing telephone systems.
 - Call forwarding to a local, landline, or mobile telephone.
 - Call forwarding to up to 50 programmed devices.
 - Call differentiation between outside call and door call.
 - Allows changeover between day and night mode.
 - Supports call waiting function during an existing outside call and an incoming door call.
 - Can be configured with a telephone keypad (DTMF-capable) or the programming set.
 - Call and conversation duration can be set.
 - Eavesdropping prevention.
 - Operation of several DCS-TC gateways on the Gira door communication bus is possible.
 - Carrying out of switching functions via the existing telephone (DTMF-capable) in combination with the switching actuator or the flush-mounted switching actuator.
 - LED status displays for fast analysis of whether mains voltage is connected and the telephone connection has been assigned.
 - Reverse-polarity-protected connections.
 - Programming interface and integrated flash processor for updating DCS-TC gateway software.
 - This component enables door communication systems with more than 30 devices to be set up.
- Power is supplied to the DCS-TC gateway via**
- The 12 V output of the audio control device.
 - A common AC 12 V bell transformer (when using the video control device).
 - The DC 24 V power supply for door communication (when using the video control device).

Specifications	Order No.	P. unit	PS
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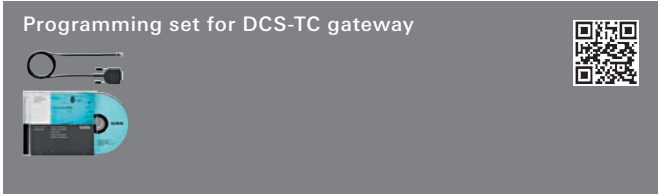
Technical data

Rated voltage			
- either:	AC 12 V		
- either:	DC 12 to 24 V, 0.3 A		
Connections			
- 2-wire bus:	2x screw terminals		
- Exchange connection a/b:	2x screw terminals		
- Device a/b':	2x screw terminals		
- Power supply AC 12 V / DC 24 V:	2x screw terminals		
- Programming interface:	RJ11		
Ambient temperature:	-5 °C to +45 °C		
Dimensions			
- Modular widths (MW):	6		

- Notes**
- For security reasons, configuration changes via a telephone require the entry of a 4-digit PIN code.
 - When operating several DCS-TC gateways in one system, each DCS-TC gateway must have its own power supply. Supplying power to several DCS-TC gateways from one control device or from one bell transformer is not permissible.
 - The DCS-TC gateway is intended to be installed in the sub-distribution. If this is not possible, use a common surface-mounted distributor.

More information

Technical information	→	i 619
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german	1291 00	1	18
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+ Necessary accessories

DCS-TC gateway DRA 1290 00		→	388
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- Features**
- For programming the DCS-TC gateway with a PC or notebook, consisting of a programming cable (RS 232 to RJ11) for connecting the DCS-TC gateway.
 - Settings of the basic configurations.
 - Phone book function with the ability to enter up to 50 devices with names and 2 telephone numbers.
 - Log function for logging bus activities.
 - Save and load settings.
 - Perform software update.

Door communication system devices

Specifications	Order No.	P. unit	PS
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Control Devices

Audio control device



DRA	1287 00	1/100	18
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+ Optional accessories

Gira door stations	→	345
Gira Home Stations	→	369
Gira Keyless In	→	399

Features

- Control device to supply power to the audio components of the Gira door communication bus.
- Power supply of the reverse-polarity protected and short-circuit-proof 2-wire bus.
- Self-resetting electronic short-circuit and overload recognition of the operating voltage and the bus connection.
- Buttons for system and door opener programming.
- LED status indicators for operation, overload, system programming, and door opener programming.
- AC 12 V output to supply power to a common door opener.
- Permanent AC 12 V output to supply power to a DCS-TC gateway.
- Relay output for switching a door opener with its own power supply.
- Door opener time continuously adjustable from 1 to 10 seconds.

Technical data

Rated voltage	
- Primary:	AC 230 V, 50 Hz
- Secondary:	SELV 26 DC V ± 2 V
Secondary rated current	
- Continuous load:	160 mA
- Peak load:	550 mA (max. 5 s)
- Overload deactivation:	from 350 mA
Connections:	0.6 mm to 2.5 mm ²
Door opener output:	AC 12 V, max. 1.6 A / 25 % switch-on duration
Relay output:	AC/DC 30 V, 2 A
Total cable length:	max. 700 m
Cable length from control device to most distant device	
- for cable diameter 0.8 mm:	max. 300 m
- for cable diameter 0.6 mm:	max. 170 m
Ambient temperature:	-5 °C to +45 °C
Dimensions	
- Modular widths (MW):	6

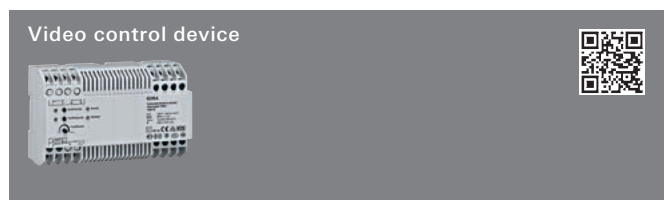
Notes

- The audio control device is intended to be installed in the sub-distribution. If this is not possible, use a common surface-mounted distributor.
- This component enables door communication systems with up to 70 devices to be established (e.g. 1 x built-in loudspeaker, 5 x add-on modules for built-in loudspeakers, 68 x surface-mounted home stations).

More information

Technical information	→	i 618
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Specifications Order No. P. unit PS



DRA 1288 00 1 10

+ Optional accessories

- Gira door stations → 345
- Gira Home Stations → 369
- Gira Keyless In → 399
- Pow.supply DC 24 V 300 mA DRA 1296 00 → 392
- Video amplifier 1222 00 → 395
- Video distributor 1226 00 → 395
- Video multiplexer 1224 00 → 396

Features

- Control device for supplying power to the audio and video components of the Gira door communication bus.
- Supply of the reverse-polarity protected, short-circuit-proof 2-wire bus when using video components such as a colour camera and/or TFT colour display.
- The video control device can supply power to up to 2 door stations with a colour camera and 28 home stations with TFT colour display.
- A total of up to 15 colour cameras can be activated by the video control device (5 door stations video and 10 DCS-camera gateways), of which two door stations with colour camera can be supplied with power by the video control device. The other colour cameras must each be operated with their own power supply for door communication.
- Self-resetting electronic short-circuit and overload recognition of the operating voltage and the bus connection.
- Buttons for system and door opener programming.
- LED status indicators for operation, overload, system programming, and door opener programming.
- AC 12 V output to supply power to a common door opener.
- Relay output for switching a door opener with its own power supply.
- Door opener time continuously adjustable from 1 to 10 seconds.

Technical data

Rated voltage
 - Primary: AC 230 V, 50 Hz
 - Secondary: SELV 26 DC V ± 2 V
 Secondary rated current
 - Continuous load: 700 mA continuous load
 - Peak load: 1.15 A peak load (max. 5 seconds)
 - Overload deactivation: Overload deactivation from 900 mA
 Connections: 0.6 mm to 2.5 mm²
 Door opener output: AC 12 V, max. 1.1 A / 25 % switch-on duration
 Relay output: AC 250 V, 2 A
 Cable length from camera to most distant TFT display:
 - without video amplifier: max. 150 m
 - with video amplifier: max. 300 m
 Total cable length for pure audio operation: max. 700 m
 Ambient temperature: -5 °C to +45 °C
 Dimensions
 - Modular widths (MW): 8

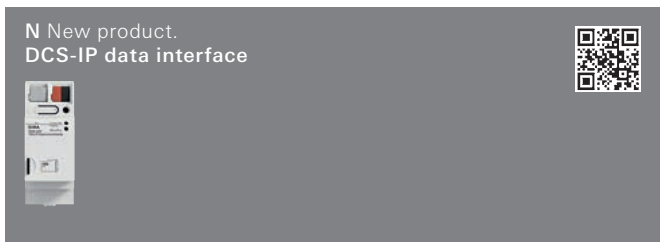
Notes

- The video control device is intended to be installed in the sub-distribution, not for common surface-mounted distributors.
- When the topology of the video cabling is designed as a branch line, the video distributor is also required.
- In combination with the DCS-TC gateway, the power supply for door communication is required.
- This video control device enables door communication systems with up to 70 audio devices to be established (e.g. 1 x built-in speaker, 5 x add-on modules for built-in speakers, 68 x surface-mounted home stations).

Specifications Order No. P. unit PS

More information

Technical information → i 618



5500 000 1 10

+ Optional accessories



- Pow.supply DC 24 V 300 mA DRA 1296 00 → 392
- Pow.supply DC 24 V 700 mA DRA 2570 00 → 392
- Gira S1 2089 00 → 480

Features

- The data interface is used to expand the current push-button start-up procedure by adding convenient start-up via PC/laptop and to connect the 2-wire bus to IP.
- Configuration via Gira Project Assistant (GPA).
- Commissioning of large projects.
- Reading out of the configuration data of existing systems.
- Connection of Gira 2-wire bus to IP.
- Only suitable for indoor use.

Technical data

Power supply
 - 2-wire bus: DC 24 V ±10 %
 - Additional power supply: DC 12 V to 26 V
 - Current consumption: max. 5 mA
 Connections
 - 2-wire bus: 2 x plug terminals
 - 2-wire bus AS: 2 x plug terminals
 Optical display
 - Mode: orange
 - Fct./Prog.: green
 IP communication: Ethernet 10/100 BaseT (10/100 Mbit/s)
 Ambient temperature: -5 °C to +45 °C
 Storage temperature: -25 °C to +70 °C
 Humidity: 93 % rel. humidity
 Protection class: III (in accordance with IEC 61140)
 Dimensions
 - Modular widths (MW): 2

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
<p>N New product. Available from 01/2019. Tool box for DCS-IP data interface</p>  				<p>Technical data Power supply: via the 2-wire bus Connections - 2-wire bus IN: 2 x plug terminals - 2-wire bus OUT: 2 x plug terminals Memory card: microSD card (SDHC) up to max. 32 GB Ambient temperature: -5 °C to +45 °C Dimensions - Modular widths (MW): 2</p>			
	5599 99	1	20				

Features

- Utility for efficient and hassle-free startup of door communication systems.
- For parametrisation of Gira door communication systems together with the GPA (**Gira Project Assistant**). The GPA is available for free from the Gira download section.
- Door communication systems can be parametrised before arrival at the building site and even before the products have been delivered. On site, startup is simple and efficient by uploading the project data to the system using a network cable.
- The startup box comes in a convenient, sturdy case which includes all connections and supplies the DCS IP data interface with power.

Technical data



Power supply:	AC 230 V~
Connections	
- Mains voltage:	1 x
- Network:	1 x RJ45
- DC bus:	1 x

Notes

- Parametrisation requires the **Gira Project Assistant (GPA)**, which you can download for free from the website.

Scope of supply

- The DCS IP data interface (**order no.: 5500 000**), the power supply (**order no.: 5319 00**) and the connection cables are all included.

Specifications	Order No.	P. unit	PS
<p>DCS repeater</p>  			
DRA	2572 00	1	10

+ Necessary accessories

One of the following articles:

Audio ctrl.dev. DRA 1287 00	→	389
Video ctrl.dev. DRA 1288 00	→	390

Features

- Active component for extending a Gira door communication system with audio and video function.
- Range extension and increase of the number of devices when using additional control devices.
- Amplification of the audio and data signals of the door communication system in both directions.

Repeater mode

- Interconnects two line segments, to double both the number of devices in a video or audio door communication system and the cable range.
- Important: An additional control device is required to supply power to the second line segment.

Multi-conversation mode

- In multi-conversation mode, the complete system is subdivided into several lines (one main line, up to five ancillary lines) interconnected via the DCS repeater.
- Power is supplied to each line by its own control device.
- Up to five DCS repeaters can be used in one system in multi-conversation mode.

Notes

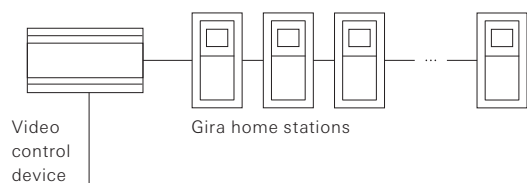
- **Data backup**
The configuration of the DCS repeater can be backed up to a microSD card.
- **Commissioning**
The DCS repeater can also be commissioned without a microSD card.

Scope of supply

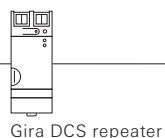
- The microSD card is **not** included in the scope of supply.

Gira DCS repeater

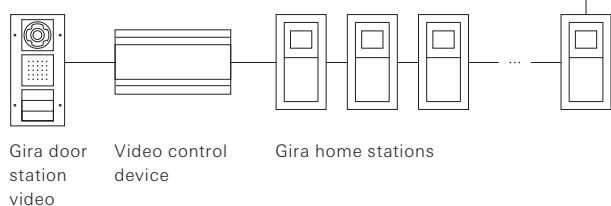
Line segment 2



Repeater mode



Line segment 1



In repeater mode, two line segments are interconnected so that the number of devices and cable range of a video or audio door communication system can be doubled. The DCS repeater counts as one device in each of the two line segments.

Specifications Order No. P. unit PS

Power supply for door communication DC 24 V 300 mA



DRA 1296 00 1/100 18

+ Optional accessories

From the 3rd camera, necessary for

Gira door stations → 345

Gateway

DCS-IP gateway 5 licences 2620 97 → 387

DCS-IP gateway 10 licences 2620 98 → 387

DCS-IP gateway 20 licences 2620 99 → 387

DCS-TC gateway DRA 1290 00 → 388

Keyless In

Gira Keyless In keypad 2605 .. → 401

Gira S1

Gira S1 2089 00 → 480

Features

- Power supply DC 24 V to supply power to the door communication components.
- Power supply to the colour camera in large properties.
- Power supply to the call-button illumination in large properties.
- Power supply to the DCS-TC gateway when the video control device is used.
- Supply of Keyless In keypad.

Technical data

Rated voltage
 - Primary: AC 230 V, 50 Hz
 Secondary rated voltage
 - Secondary: DC 24 V SELV
 Secondary rated current: 0.3 A
 Fuse: Micro-fuse 250 V, 160 mA
 Ambient temperature: -5 °C to +40 °C
 Dimensions
 - Modular widths (MW): 5

Power supply for door communication DC 24 V 700 mA



DRA 2570 00 1/100 18

Technical data

Rated voltage
 - Primary: AC 230 V, 50 Hz
 Secondary rated voltage
 - Secondary: DC 24 V SELV
 Secondary rated current: 0.7 A
 Fuse: Electronic self-resetting
 Ambient temperature: -5 °C to +40 °C
 Dimensions
 - Modular widths (MW): 6

Specifications Order No. P. unit PS



DRA **5319 00** 1 42

+ Optional accessories

Door communication

- External camera **1220 00** → 394
- DCS-TC gateway DRA **1290 00** → 388
- eNet**
- Server DRA **5301 00** → 549
- WL receiver mod. DRA **5452 00** → 549

Features

- Power supply DC 12 V for the eNet server, eNet radio reception module and external camera.

Technical data

- Rated voltage
- Primary: AC 100 to 240 V, 50/60 Hz
- Secondary: DC 12 to 14 V
- Rated current
- Secondary: 2 A
- Leakage current: max. 250 µA
- Ambient temperature: -10 °C to +50 °C
- Dimensions
- Modular widths (MW): 2



DRA **0535 00** 1 06

+ Optional accessories

- Gira G1 24 V **2077 ..**
- Gira X1 **2096 00** → 484
- Gira L1 **2070 00** → 485
- KNX IP router **2167 00** → 514
- Weather st. Standard **2150 04** → 533
- Weather st. Plus **2074 00** → 533

Features

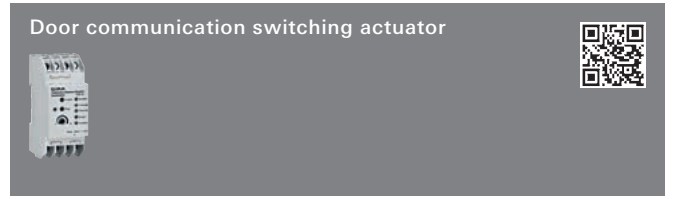
- Stabilised and short-circuit-proof switched mode power supply unit for installation on a top-hat rail.

Technical data

- Rated voltage
- Primary: AC 230 V, 50/60 Hz
- Secondary: DC 24 V
- Rated current
- Secondary: 5 A
- Ambient temperature: -10 °C to +50 °C
- Protection class: II
- Dimensions
- Modular widths (MW): 6

Specifications Order No. P. unit PS

Switching actuators



DRA **1289 00** 1 18

+ Necessary accessories

- One of the following articles:
- Audio ctrl.dev. DRA **1287 00** → 389
- Video ctrl.dev. DRA **1288 00** → 390

Features

- Switching actuator for switching light, controlling a door opener on back/side doors or other functions via the Gira door communication bus.
- Control of a zero-voltage switching contact 230 V / 10 A via the 2-wire bus.
- The switching actuator can be controlled via: the buttons "Door" and "Light" on the home station, the call button on the door station, the call button on the home station, the buttons of a telephone (in conjunction with DCS-TC gateway).
- The switching actuator can be used in five different operating modes: switching, timer/sec., timer/min., pulse, and door opener.
- Impulse function for controlling existing automatic staircase mechanisms.
- Binary input for switching functions via a connected mechanical push button.
- Switching time can be adjusted continuously from 1 to 10 s or 1 to 10 min., depending on the function set.

Technical data

- Power supply: via the 2-wire bus
- Zero-voltage relay contact
- either: 10 A at AC 230 V
- either: 2 A at DC 30 V
- Number of call buttons that can be taught in: max. 16
- Ambient temperature: -5 °C to +45 °C
- Dimensions
- Modular widths (MW): 2

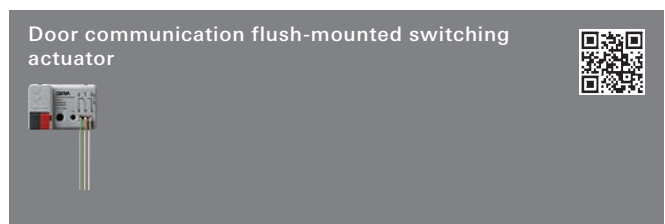
Notes

- The switching actuator is intended to be installed in the sub-distribution. If this is not possible, use a common surface-mounted distributor.
- This component enables door communication systems with more than 30 devices to be set up.

More information

Technical information → 618

Specifications Order No. P. unit PS



1211 00 1/5 18

+ Necessary accessories

- One of the following articles:
- Audio ctrl.dev. DRA **1287 00** → 389
- Video ctrl.dev. DRA **1288 00** → 390

Features

- Flush-mounted switching actuator for controlling an external gong or other device via the Gira door communication bus.
- Control of a zero-voltage switching contact (24 V SELV/ 50 µA to 1.6 A AC/DC) via the 2-wire bus.
- The flush-mounted switching actuator can be controlled via: the buttons "Door" and "Light" on the home station, the floor-call button of the home station, the call button on the door station, the call button on the home station, the buttons of a telephone (in conjunction with the DCS-TC gateway), a zero-voltage button (in conjunction with the 2-gang door communication button interface).
- The flush-mounted switching actuator can be used in four different operating modes: switching, timer/sec., timer/min., and pulse.
- Impulse function for controlling existing automatic staircase mechanisms.
- Switching time can be adjusted continuously from 1 to 10 s or 1 to 10 min., depending on the function set.
- LED display for programming, function selection, and time setting.

Technical data

Power supply:	via the 2-wire bus
Zero-voltage relay contact:	50 µA to 1.6 A at AC/ DC 24 V SELV max. 16
Number of call buttons that can be taught in:	
Ambient temperature:	-5 °C to +50 °C
Dimensions in mm	
- Flush-mounted switching actuator:	W 43 H 28 D 15

Notes

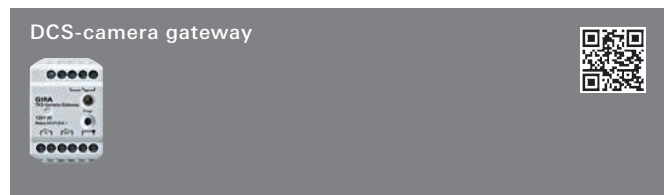
- The flush-mounted switching actuator is intended for installation in a deep device box (60 mm deep) behind a door communication bus coupler.

More information

Technical information → ⓘ 618

Specifications Order No. P. unit PS

Video accessories



1201 00 1/100 10

+ Optional accessories

- External camera**
- External camera **1220 00** → 394
- Video accessories**
- Video amplifier **1222 00** → 395
- Video distributor **1226 00** → 395
- Video multiplexer **1224 00** → 396

Features

- The DCS-camera gateway integrates a common analogue camera into the Gira door communication system.
- The camera can be assigned to a door station. In this case, the external camera switches on automatically when the call button is pressed.
- The combination housing of the DCS-camera gateway makes three mounting types possible:**
 - Surface-mounted (in a standard junction box).
 - Flush-mounted (in a device box).
 - As a DRA device (with the included DRA adapter)

Technical data

Connections			
- 2-wire bus OUT:	2x screw terminals		
- 2-wire bus IN:	2x screw terminals		
- Video In:	2x screw terminals		
- Push terminals:	2x screw terminals		
- Relay (2-way switch):	3 x screw terminal		
Ambient temperature:	-25 °C to +70 °C		
Video signal:	FBAS 1 Vss, PAL standard		
Dimensions in mm			
- DCS-camera gateway:	W 36	H 52	D 27

Notes

- With several external cameras, a DCS-camera gateway and a separate power supply is required for each external camera.
- Up to ten DCS-camera gateways can be used in a system, although the video signal may only run through a maximum of three DCS-camera-gateways.
- The external camera is connected with screw terminals.

Scope of supply

- An adapter is included for cameras with a BNC connection.



pure white 1220 00 1/100 10

+ Necessary accessories

- DCS-camera gateway **1201 00** → 394
- Pow.supply DC 12 V 2 A DRA **5319 00** → 393

Specifications	Order No.	P. unit	PS
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Features

- External camera for wall or ceiling mounting with variable lens, integrated IR LED illumination, and automatic white balance.
- The camera can be installed anywhere in the entrance area and integrated in the Gira door communication system via the DCS-camera gateway.
- Light-sensitive chip set for clear imaging in weak light conditions.
- Adjustable IR LEDs for video monitoring in complete darkness.
- Easy-plug camera module and mounting plate for easy, rapid installation.
- Second video output for connecting a monitor during commissioning.
- Camera module adjustable on three axes.

Technical data

Rated voltage:	DC 12 V +10 %
Current consumption	
- DC 12 V:	max. 450 mA
- AC 24 V:	max. 5 mA
Connections:	1 x video (HD TVI, BNC), 1 x video (FBAS, BNC), 1 x power supply (DC)

Camera

- Image sensor:	1/3" CMOS progressive scan
- Type:	Vario Dome
- Lens:	2.8 to 12 mm; varifocal lens
- Resolution:	720p25, 720p30
- Horizontal angle of vision:	28° to 78°
Day/night switching:	Electromechanical IR cut filter
Electronic shutter control:	1/25 to 1/50 000 s
Camera control:	On-screen display (OSD)
Background lighting compensation:	DWDR
Digital zoom:	Yes
Video system:	HD TVI
Minimal lighting	
- Day:	0.1 lux
- B/W:	0.001 lx
- IR mode:	0 lx (F2.0)
IR LED:	24 LEDs
IR range:	20 m
Ambient temperature:	-20°C to +60°C
Protection type:	IP66
Humidity:	max. 90%
Weight:	approx. 950 g
Dimensions in mm	
- External camera:	Ø 143 H 125



1222 00	1	10
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+ Necessary accessories

Video ctrl.dev. DRA 1288 00	→	390
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Features

- The video amplifier extends the range of Gira door communication systems with video function.
- It increases the volume of the incoming video signal to the maximum permissible bus volume and outputs it at the output. In doing so, the line attenuation from the source of the video signal to the input of the video amplifier is compensated.

The combination housing makes three mounting types possible

- Surface-mounted (in a standard junction box).
- Flush-mounted (in a device box).
- As a DRA device (with the included DRA adapter).

Specifications	Order No.	P. unit	PS
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Technical data

Connections	
- 2-wire bus IN:	2x screw terminals
- 2-wire bus OUT:	2x screw terminals
Ambient temperature:	-25 °C to +70 °C
Dimensions in mm	
- Video amplifier:	W 36 H 52 D 27

Notes

- With the video amplifier, the maximum cable length between the door station and home station can be extended from 100 to 300 m.
- No further configuration is necessary during commissioning because the video amplifier automatically adapts to the existing mains supply.

Scope of supply

- A DRA adapter is included.

More information

Technical information	→	645
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1226 00	1	10
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+ Necessary accessories

Video ctrl.dev. DRA 1288 00	→	390
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Features

- The video distributor is an active component for line adjustment of the video signal.
- The video distributor distributes the video signal of the door stations, DCS-camera gateways, and DCS-IP gateways to the home stations.
- The video distributor is required when the cable routing to the video components of the Gira door communication system is carried out as a branch line.
- The video distributor ensures the proper terminating resistance to prevent possible reflections of the individual branches and the resulting picture disturbances.

The combination housing makes three mounting types possible

- Surface-mounted (in a standard junction box).
- Flush-mounted (in a device box).
- As a DRA device (with the included DRA adapter).

Technical data

Power supply:	via system bus
Connections	
- 2-wire bus IN:	2x screw terminals
- 2-wire bus OUT:	6 x screw terminal
Ambient temperature:	-25 °C to +70 °C
Dimensions in mm	
- Video distributor:	W 36 H 52 D 27

Notes

- The video distributor is cascable. A total of up to 15 video distributors including video multiplexers can be used in one system.
- No further configuration is necessary during commissioning because the video distributor automatically adapts to the existing line network.

Scope of supply

- A DRA adapter is included.

More information

Technical information	→	616
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Specifications Order No. P. unit PS



1224 00 1 10

+ Necessary accessories

Video ctrl.dev. DRA **1288 00** → 390

Features

- The video multiplexer bundles the video signals of door stations, DCS-camera gateways, and DCS-IP gateways.
- A video multiplexer can merge the video signals from three door stations with colour cameras. Using two video multiplexers, the video signals from up to 5 door stations can be merged.

The combination housing makes three mounting types possible

- Surface-mounted (in a standard junction box).
- Flush-mounted (in a device box).
- As a DRA device (with the included DRA adapter).

Technical data

Power supply: via system bus
 Connections
 - 2-wire bus IN: 6 x screw terminal
 - 2-wire bus OUT: 2x screw terminals
 Ambient temperature: -25 °C to +70 °C
 Dimensions in mm
 - Video multiplexer: W 36 H 52 D 27

Notes

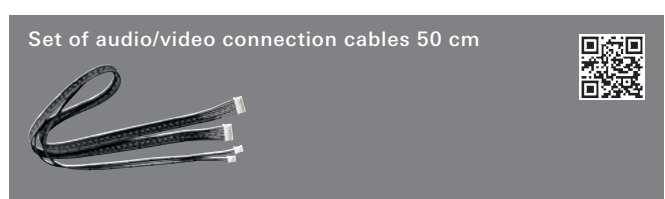
- No further configuration is necessary during start-up because the video multiplexer automatically adapts to the existing mains supply.

Scope of supply

- A DRA adapter is included.

More information

Technical information → ⓘ 616



1273 00 1/5 18

+ Necessary accessories

One of the following articles:
 Colour camera door st. **1265 ..** → 357
 Built-in speaker **1258 00** → 364
 En.prof. 4x empty u. 1400 mm **1354 ..** → 218
 En.prof. 4x empty u. 1600 mm **1356 ..** → 218
 En.prof. light 3x empty u. 1600 mm **1353 ..** → 219

Features

- Set of 6-pole audio connection cable and 2-pole video connection cable for remote operation of the colour camera.

Technical data

Length: 50 cm

Notes

- The cable set is required when the colour camera is to be mounted offset from the door station or the built-in speaker, or when several empty units must be bridged between the colour camera and the door station (bus coupler) during installation in the Gira energy profile.

Specifications Order No. P. unit PS



1210 00 1/5 18

+ Necessary accessories

One of the following articles:
 SM home st. **1250 ..** → 372
 SM video home st. Plus **1239 ..** → 373
 Home st. **1280 ..** → 375
 Home st. receiver **1281 ..** → 375

+ Optional accessories

DCS swit.act. DRA **1289 00** → 393
 DCS FM swit.act. **1211 00** → 394

Features

- The 2-gang door communication button interface is used to implement a zero-voltage button signal on the Gira door communication bus.
- The door communication button interface has two mutually independent inputs for connecting zero-voltage buttons.
- The inputs can either be used for triggering a switching action (e.g. switching lights) via a switching actuator or flush-mounted switching actuator, or it can be assigned to a home station.
- The door communication button interface is intended for installation in a device box behind a conventional push button.

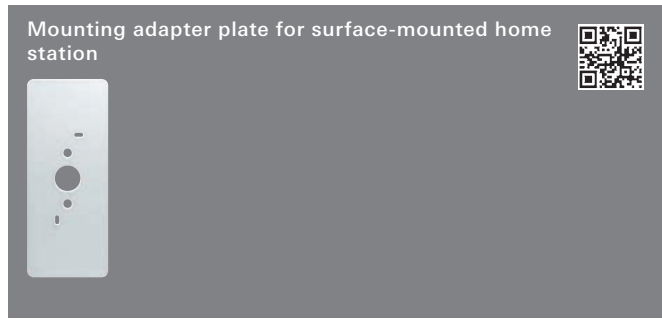
Technical data

Power supply: via the 2-wire bus
 Ambient temperature: -5 °C to +50 °C
 Dimensions in mm
 W 43 H 28 D 15

Notes

- The button is connected via a 3.wire connection line which is approx. 20 cm long. This connection line can be extended to a maximum of 5 m.
- If the button interface is assigned to a home station, the two inputs have differing functions:
Input 1 triggers a floor call. This input is required when only a two-wire cable is available for connecting a home station including the floor-call button (e.g. when retrofitting an existing door intercom).
Input 2 triggers a door call. This input is required when the automatic door opener of the home station is to be triggered via a mechanical button.

Specifications Order No. P. unit PS



pure white glossy **1256 00** 1 18

+ Necessary accessories

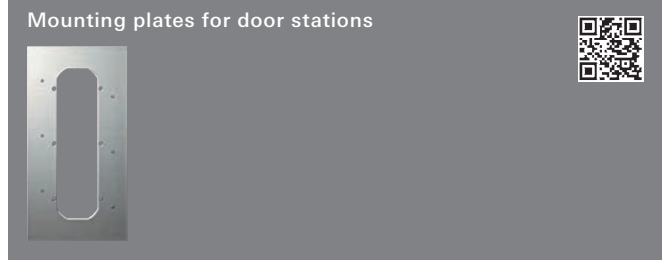
One of the following articles:
 SM home st. **1250 ..** → 372
 SM video home st. Plus **1239 ..** → 373

Features

- Mounting adapter plate for covering the wallpaper cut-out of a home station already installed in the building when retrofitting the Gira door communication system.
- The mounting adapter plate has holes for installing the surface-mounted home stations.

Technical data

Dimensions in mm
 W 95 H 235



2-gang **1297 00** 1 18
 3-gang **1298 00** 1 18
 4-gang **1299 00** 1 18

+ Necessary accessories
 One of the following articles:

Door stations
 Door st. 1-g FM **1260 ..** → 354
 Door st. 3-g FM **1261 ..** → 355

Add-on modules
 Call btn 1-g door st. **1262 00** → 356
 Call btn 3-g door st. **1263 00** → 356
 Info mod. door st. **1264 00** → 357
 Colour camera door st. **1265 ..** → 357

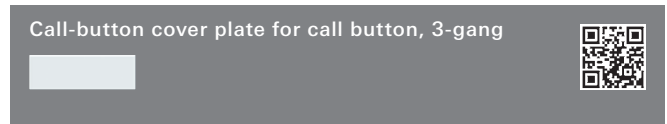
Features

- Mounting plate for covering the installation openings of door intercom systems already present in the building when retrofitting the Gira door communication system.
- Holes are provided in the mounting plate for wall installation, and there are openings for installing the Gira door station.
- Material: Anodised aluminium.

Technical data

Dimensions in mm
 - 2-gang: W 130 H 253
 - 3-gang: W 130 H 253
 - 4-gang: W 130 H 346

Specifications Order No. P. unit PS



TX_44
 pure white **1255 66** 5/25 18
 anthracite **1255 67** 5/25 18
 colour aluminium **1255 65** 5/25 18

+ Necessary accessories

One of the following articles:
 Door st. 3-g FM **1261 ..** → 355
 Call btn 3-g door st. **1263 00** → 356
 SM door st. 3-g **1267 ..** → 362
 SM door st. 6-g **1268 ..** → 362
 SM video door st. 3-g **1270 ..** → 363

Features

- For covering the unneeded call buttons of the flush-mounted door station 3-gang, the call button 3-gang for door stations, and the surface-mounted door station 3-gang and 6-gang.



30 pieces **1407 00** 1 09

+ Optional accessories

Gira TX_44 cover frame → 192
 SM door st. 1-g **1266 ..** → 362
 SM door st. 3-g **1267 ..** → 362
 SM door st. 6-g **1268 ..** → 362
 SM door st. video 1-g **1269 ..** → 363
 SM video door st. 3-g **1270 ..** → 363
 Tri-Wing screwdriver **1408 00** → 397

Features

- Tri-Wing screw set for increased theft protection.



1408 00 1 09

+ Optional accessories

Tri-Wing screws 30 pcs. **1407 00** → 397

Training courses

The "Door communication" and "DCS IP Gateway" online distance learning courses are available free of charge at www.academy.gira.com alongside other training opportunities.

System Basics

"System basics of the Gira door communication system", available at www.download.gira.com



Keyless In

Keyless access to rooms and buildings

Gira Keyless In enables keyless access to rooms and buildings. The technology is based on an electronic system. The keypad can be integrated as a standalone device or forms part of the Gira door communication system. The keypad can be installed in a standard device box and integrated in the outdoor and indoor design lines.



Opening the door with a numeric code

The Gira Keyless In keypad opens the door when a personal number combination is entered. Even pushing without pressure is recognised as actuation. This enables wear-free operation and thus increases security. Up to 255 codes can be managed with the Gira Keyless In keypad. A warning tone or a tampering circuit in connection with the door communication system is triggered if the keypad top unit is removed without authorisation.

Opening doors with fingerprints

Gira Keyless In utilises a biometric system. State-of-the-art, high-frequency technology recognises the fingerprint of the deepest layers of skin, so that there is reliable access even if the surface of the skin is slightly injured, if fingers are a bit dirty, or if the skin structure has changed with age.



Integration in door stations and the Gira energy profile

Gira Keyless In devices can be integrated in the Gira door communication system. The keypad and fingerprint reader harmoniously matches the design line in indoor and outdoor areas. This not only enables unity of design but also greater security. When integrated, there are no exposed contacts that can be bypassed by unauthorised persons. Integration in the Gira energy profile is also possible. The keypad and fingerprint reader can be installed in standard device boxes in combination with the Gira door stations or as a separate device.

Specifications	Order No.	P. unit	PS
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Gira Keyless In

Features

- Installation in a device box.
- Stand-alone device or in combination with the Gira door communication system.
- For stand-alone operation, the integrated zero-voltage relay contacts are used for switching actions, e.g. for a door opener with its **own** power supply (e.g. common doorbell transformer).
- Start-up with direct configuration without a PC or programming software.

Inputs and outputs

- Switching contact: Two relays with zero-voltage 2-way switch contacts, load capacity AC/DC 24 V / 1.6 A.
- Two connections for power supply.

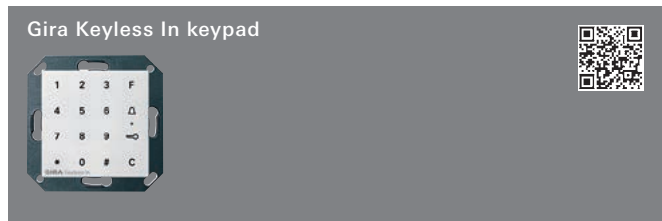
Technical data

Protection type

- System 55, Gira E22: IP20
- TX_44: IP44

Notes

- Keyless In devices can be connected to the Gira HomeServer using the DCS-IP gateway. This enables intelligent links. In this way, e.g. temporary or one-time access authorisation can be easily granted. All data including access authorisations can be managed centrally and flexibly using the Gira HomeServer.



System 55

cream white glossy	2605 01	1	10
pure white glossy	2605 03	1/100	10
pure white matt	2605 27	1	10
anthracite	2605 28	1	10
colour aluminium	2605 26	1	10
N black matt	2605 005	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

Aluminium (lacquered)	2605 203	1	10
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TX_44

pure white	2605 66	1	10
anthracite	2605 67	1	10
colour aluminium	2605 65	1/100	10

+ Necessary accessories

One of the following articles:

Pow.supply DC 24 V 300 mA DRA 1296 00	→	392
For use in the door communication system		
Audio ctrl.dev. DRA 1287 00	→	389
Video ctrl.dev. DRA 1288 00	→	390

+ Optional accessories

Integration in Profile 55

Gira Profile 55	→	209
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Integration in the Gira energy profile and light profiles

Gira energy profile and light profiles	→	215
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Specifications	Order No.	P. unit	PS
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Features

- Keypad as an access control system with a capacitive and therefore wear-free button field.
- Frequently used number combinations cannot be recognised.
- Stand-alone device or in combination with the Gira door communication system as a door call system for buildings with several residential units.
- Special button "C": Deleting an incorrect entry.
- Special button "Key": Direct door opening when the correct code has been entered.
- Special button "Bell": Specific selection of home stations in large facilities.
- Special button "F": Switching functions with switching actuators of the Gira door communication system.
- Homogeneous blue LED illumination of the numbers and special characters at night.
- Master PIN number provided on included sealed safety card if Administrator PIN number is lost.
- The keypad can manage up to 255 codes.
- Up to 32-digit codes are possible.
- Audible feedback when button is pressed.
- Three-colour LED status display during programming and operation.
- Warning tone in case of unauthorised removal of the keypad top unit for tamper detection. Tampering circuit with switching actuator in the Gira door communication system.
- The two integrated 2--way switch relays can be assigned two different codes, e.g. Code 1: door opening, Code 2: switching outdoor light.

Inputs and outputs

- Connection cable connector strip for the Gira door communication system.

Technical data

Power supply

- from power supply for door communication: DC 24 V ±10 %
- from the door communication system: DC 26 V ± 2 V

Relay

- Number: 2
- Contact: 1 2-way switch zero-voltage
- Load capacity: AC/DC 24 V / 1.6 A

Connections

- Connection cable for door communication: 1 x connector strip
- Relay: 3 screw terminals each
- Additional power supply: 2x screw terminals up to 16 kV
- Resistance to EMD: 35 mm
- Installation depth: 35 mm
- Ambient temperature: -20 °C to +70 °C

Notes

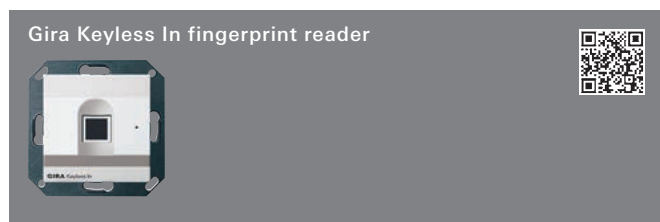
- Integration possible in Profile 55.

More information

Technical information

→ i 622

Specifications	Order No.	P. unit	PS
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System 55			
pure white glossy	2617 03	1	10
pure white matt	2617 27	1	10
anthracite	2617 28	1	10
colour aluminium	2617 26	1	10
N black matt	2617 005	1	06
stainless steel (lacquered)	2617 600	1	10
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium			
aluminium	2617 203	1	10

TX_44			
pure white	2617 66	1	10
anthracite	2617 67	1	10
colour aluminium	2617 65	1	10

+ Necessary accessories

One of the following articles:			
Pow.supply DC 24 V 300 mA DRA	1296 00	→	392
For use in the door communication system			
Audio ctrl.dev. DRA	1287 00	→	389
Video ctrl.dev. DRA	1288 00	→	390

+ Optional accessories

Integration in Profile 55			
Gira Profile 55		→	209
Integration in the Gira energy profile and light profiles			
Gira energy profile and light profiles		→	215

Features

- Fingerprint module as professional biometric access control system based on the new generation of surface-scan technology.
- Scanning the deepest layer of skin using high frequency. High detection rate and security against tampering.
- An evaluation of the unique characteristic features of the living human finger.
- Detection of signs of life in the finger.
- Up to 99 fingers can be managed by the fingerprint reader.
- Reliable detection of fingers which, for example, were slightly injured during gardening (only the top layer of skin was injured).
- Data protection through the use of encryption.
- Quick response time from fingerprint scan to enabling:
 - up to 30 saved fingers – approx. 1 s,
 - up to 99 saved fingers – approx. 3 s.
- Night design of the fingerprint surface for orientation using white LED illumination.
- 360° fingerprint readability.
- Three-colour LED status display for visual signalling during programming and operation.
- Master PIN number provided on included sealed safety card if Administrator finger is no longer available. The device can be reset at the factory with the accompanying safety card.
- Acknowledgement buzzer for acoustic signalling for user or installer.
- Audible warning in case of unauthorised removal of the fingerprint top unit, i.e. tamper detection. Tampering circuit with switching actuator in the door communication system.
- The two integrated 2--way switch relays can be assigned two different fingers, e.g. thumb: control of door opening; index finger: switching outdoor lighting.

Inputs and outputs

- Connection cable connector strip for the Gira door communication system.

Specifications	Order No.	P. unit	PS
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Technical data

Power supply			
- from power supply for door communication:	DC 24 V ±10 %		
- from the door communication system:	DC 26 V ± 2 V		
Relay			
- Number:	2		
- Contact:	1 2-way switch zero-voltage		
- Load capacity:	AC/DC 24 V / 1.6 A		
Connections			
- Connection cable for door communication:	1 x connector strip		
- Relay:	3 screw terminals each		
- Additional power supply:	2x screw terminals		
Resistance to EMD:	up to 15 kV		
Installation depth:	33 mm.		
Ambient temperature:	-20 °C to +70 °C		

Notes

- Children's fingers can generally first be reliably detected from 6 years of age.
- Integration possible in Profile 55.

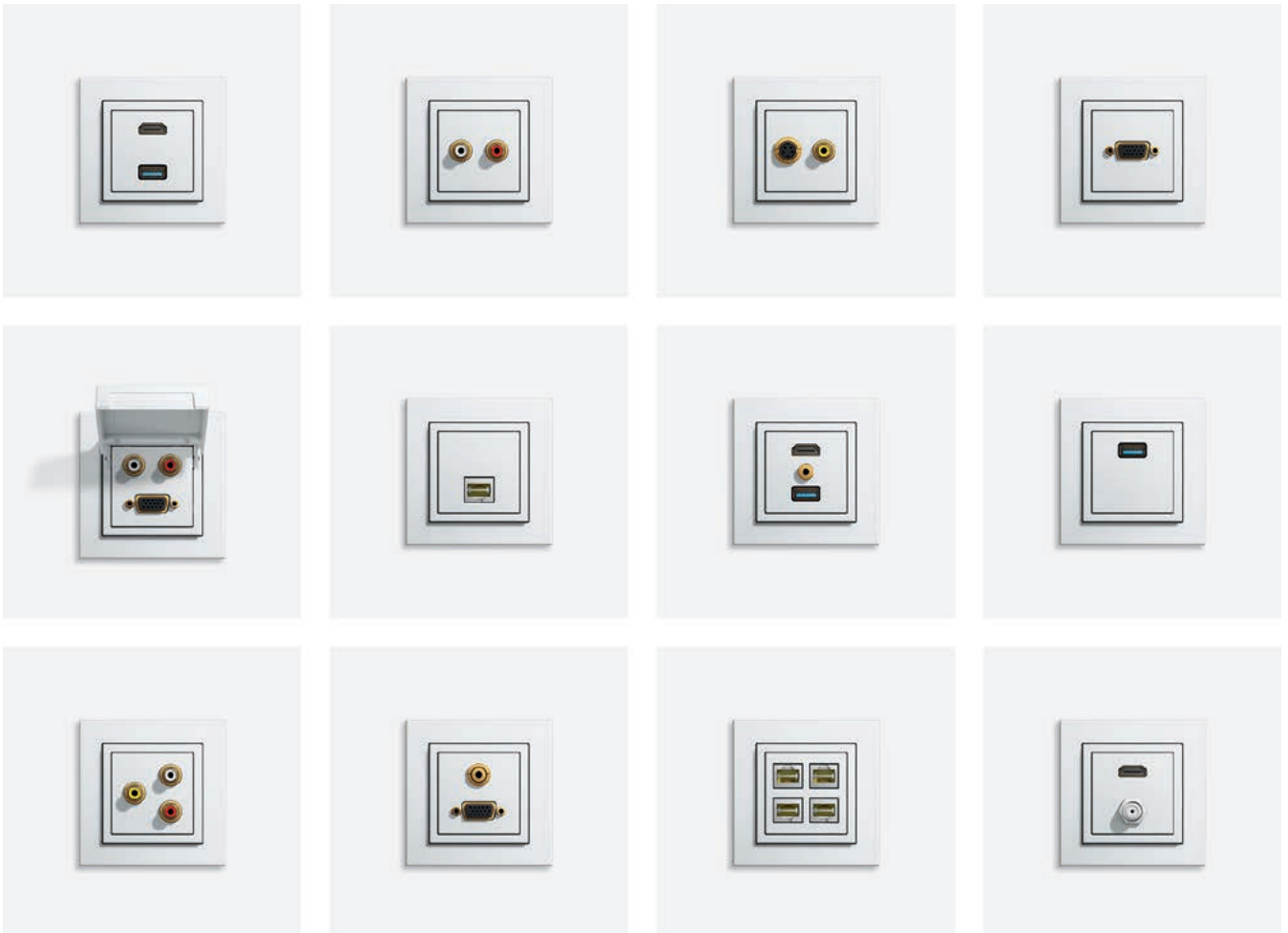
More information

Technical information → 622

Mounting frame	409
Entertainment	409
Network technology	417
Telecommunication	420
Accessories	421

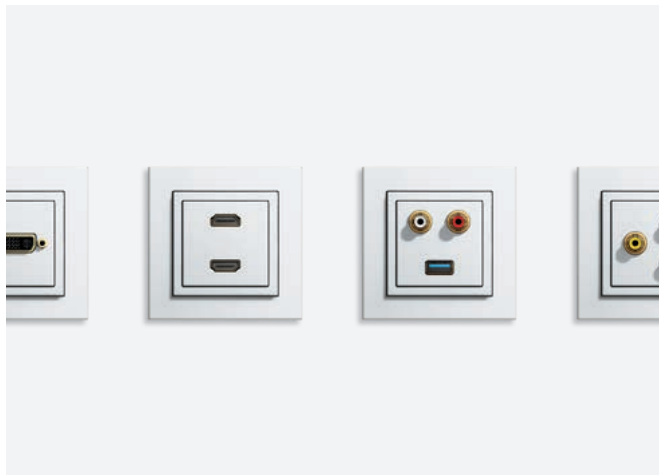
Training

The "Gira data and communication connection technology" online distance learning course is available free-of-charge at www.academy.gira.com alongside other training opportunities.



Networking audio, video and data

Whether for home entertainment, media presentation or data transfer, Gira offers digital and analogue interfaces for all current multi-media and network applications. Since they are integrated in the Gira design lines, all connections can be installed to match the design of the entire electrical installation – both in private buildings and commercial properties.



More than 70 components

The product range of Gira communication technology comprises more than 70 components for networking a variety of systems. In addition to inserts with individual interfaces, numerous combinations are available with different connections in one device. Nearly all audio and video components are furnished with high-quality gold plating, which ensures optimum transmission quality of image and sound.

Three connection types

Selected interfaces are available for various connection types: with solder termination, breakout cable or coupling. In this way, both ready-to-connect or self-made cables can be used. This is an advantage in difficult installation conditions.



Easy installation

An installation system with plug-in principle ensures fast, safe and simple installation. Because of the separation of function and cover frames, just the flush-mounted units can be installed first if desired. The desired design can then be selected during a later construction phase.

Matching the style of the design line

All interfaces can be integrated into the Gira design lines. This means both unity of design for the entire electrical installation and a large degree of freedom in selecting colour and cover frame variants to match any interior.



Mounting frame
→ 409



Entertainment
→ 409



Network technology
→ 417



Telecommunication
→ 420



Accessories
→ 421

Overview of the integration of RJ45 modular jacks in the Gira switch ranges*

Manufacturer/supplier	Designation	Insert	Order no.
3M-Quante	DRIE M JACK UTP 5E WT ZK8 Volition Cat. 6 A PL 180 Connection Module, Type No.: 05-753-21200 Volition K6 Connection Module STP, Individually Shielded, Type No.: 43096-746 00	MJ-01	5601 00
AMP/TE Connectivity Ltd	AMP-TWIST Cat. 6AS SL Jack - 1711160-1 with dust cover, rear exit AMP-TWIST Cat. 6AS SL Jack - 1711592-1 with dust cover AMP-TWIST Cat. 6AS SL Jack - 1711716-1 AMP-TWIST Cat. 6AS SL Jack DS12 AMP-TWIST Cat. 6S SL Jack - 1711342-1 rear exit Cat. 6 SL 110 Jack 568 A/B, ALMOND - 1375055-1 Cat. 6 SL Jack 568 A/B shielded - 1375188-1 SL JACK FTP 5E 1375189-1 SL JACK UTP 5E 1375191-2 SL JACK UTP 6 1375055-2 Toolless Cat. 3 RJ11 Jack - 1116603-2 Toolless Cat. 5E RJ45 Jack - 1116604-2 Toolless Cat. 5E RJ45 shielded Jack - 1339015-1	MJ-03	5603 00
AT & T	M11 B/C T568 B	MJ-05	5605 00
AVAYA	MPS100E RJ45 Cat. 5e Module	MJ-05	5605 00
Brandrex	Tollfree Cat. 6 _A Jack Item No.: AC6JAKS0000DC Toolfree Cat. 6 Jack UTP568 (A/B Wired), Item No.: C6CJAKU002	MJ-02	5602 00
CENTROVOX	CENTRONET Cat. 6 A-10G	MJ-04	5604 00
Cobinet	RJ45 Pin Jack CobiDat KS TPS 500 Cat. 6 A Item No.: 6920 4050	MJ-03	5603 00
Commscope (Gigaspeed, Powersom)	HGS620 RJ45 Cat. 6 A Module, Item No.: 760152801	MJ-04	5604 00
	Commscope FDP-J5E RJ45 Cat. 5E Module Commscope UNJ500 RJ45 Cat. 5e Module Commscope UNJ600 RJ45 Cat. 6 Module MGS500-262 RJ45 Cat. 6 A Module, Item No.: 760023614 MGS600-246 RJ45 Cat. 6 A Module, Item No.: 760092411 MGS600-262 RJ45 Cat. 6 A Module, Item No.: 760092429	MJ-05	5605 00
Corning	S500 Keystone Cat. 6 A, CAXBSM-00104-C001 with dust protection	MJ-08	5608 00
Dätwyler	unilan® RJ45 Module KS-T Plus 1/8 Cat. 6 A (IEC) - 418 061 unilan® RJ45 Module KU-T 1/8 Cat. 5e, Unshielded, Toolless - 418 072 / 073 unilan® RJ45 Module KU-T 1/8 Cat. 6, Unshielded, Toolless - 418 070 / 071 unilan® RJ45 Module MS-K Plus 1/8 Cat. 6 _A (IEC) - 440 004	MJ-04	5604 00
	unilan® Module KS-T 1/8 Toolless Cat. 6/EA Shielded - 418 053 unilan® Module KS-T 6 A 1/8 Toolless Cat. 6 A/EA Shielded - 418 060 unilan® Module KS-T5 1/8 Toolless Cat. Cat. 5e Shielded - 418 055	MJ-08	5608 00
	unilan® Module PS-GG45 7 A 1000 MHz 4P Two-in-One Shielded - 400 102 unilan® Module PS-GG45 7 A 1000 MHz 4P Two-in-One Shielded, for Flexible Leads - 400 103	MJ-08**	5608 00
Diamond	DiaLink	MJ-08	5608 00
DIGITUS	Cat. 6 A Shielded, Re-Embedded Item No.: DN-93615 DIGITUS Professional Cat. 6 A Shielded - EIA/TIA 568 A + B Keystone Cat. 6 Item No.: DN-93614	MJ-04	5604 00
EasyLan	preLink RJ45 Keystone Cat. 6 A, Item No.: CKPAO100	MJ-04	5604 00
ECOLAN	ECOLAN Cat. 6 A Keystone Housing (Delta), Item No.: 99106036	MJ-04	5604 00
eku Kabel & Systeme GmbH & Co. KG	E-Stone Pro Module Cat. 6 A Item No.: t66850990	MJ-04	5604 00
eLANTIX (Ficonet)	RJ45 Cat. 6 A 10G Module, Item No.: EX-MJC6AS	MJ-04	5604 00
Harting	preLink RJ45 Keystone Cat. 6 A, Item No.: 20825000001	MJ-04	5604 00

Overview of the integration of RJ45 modular jacks in the Gira switch ranges*

Manufacturer/supplier	Designation	Insert	Order no.
inLine	RJ45 Jack/LSA Insert, Snap-In, Cat. 6a	MJ-04	5604 00
Komos	KDM 500 Cat. 6 _A	MJ-02	5602 00
Legrand	LEGR Cat. 5E UTP KEYSTONE LEGR Cat. 6 UTP KEYSTONE	MJ-09	5609 00
Leoni Kerpen	MegaLine Connect 45	MJ-04	5604 00
	GG 45 I06 BVSK and I11 BWSK	MJ-08**	5608 00
LexCom	LexCom 125 STP, Cat. 5E, RJ45 LexCom 125 UTP, Cat. 5E, RJ45 LexCom 250 STP, Cat. 6, RJ45 LexCom 250 UTP, Cat. 6, RJ45 LexCom 500 STP, Cat. 6 A, RJ45	-****	5629 03
Lucent	MPS100 B/C (22DAS / A92/831/0051)	MJ-05	5605 00
METZ CONNECT (BTR)	130 910 KI-E C6 _A module K Jack 180° 130 B22-E C6 _A module K180° 130 B22-E C6 _A module K270°	MJ-02	5602 00
	BTR UAEMODUL 8 (8) AANSL.	MJ-04	5604 00
Nexans	LANmark-5 EVO Snap-In Pin Jack, Shielded, for AWG 24/1 - 22/1 - N420.555 LANmark-5 EVO Snap-In Pin Jack, Shielded, for Flexible Leads AWG 26/7 - N420.556 LANmark-5 EVO Snap-In Pin Jack, Unshielded, for AWG 24/1 - 23/1 - N420.550 LANmark-5 EVO Snap-In Pin Jack, Unshielded, for AWG 27/7 - 26/7 - N420.551 LANmark-6 10G EVO Snap-In Pin Jack, Shielded - N420.666G LANmark-6 10G EVO Snap-In Pin Jack, Shielded, for Flexible Leads- N420.667G LANmark-6 EVO RJ45 Snap-In Pin Jack, Shielded, for AWG 24/1 - 22/1 - N420.666 LANmark-6 EVO RJ45 Snap-In Pin Jack, Shielded, for Flexible Leads AWG 26/7 - N420.667 LANmark-6 EVO RJ45 Snap-In Pin Jack, Unshielded, for AWG 24/1 - 22/1 - N420.660 LANmark-6 EVO RJ45 Snap-In Pin Jack, Unshielded, for Flexible Leads AWG 26/7 - N420.661 LANmark-6 _A Snap-In Pin Jack Cat. 6 A 500 MHz, Shielded - N420.66 A LANmark-6 _A Snap-In Pin Jack Cat. 6 A 500 MHz, Shielded, for Flexible Leads - N420.67 A	MJ-03***	5603 00
	LANmark-7 A GG45 12 C Snap-In Pin Jack, Cat 7 A 1000 MHz Shielded - N420.735 LANmark-7 A GG45 12 C Snap-In Pin Jack, Cat 7 A 1000 MHz Shielded for Flexible Leads - N420.736 LANmark7 GG45 Snap-In Pin Jack (Cat 7) - N420.730 LANmark7 GG45 Snap-In Pin Jack for Flexible Leads (Cat 7) - N420.731	MJ-08**	5608 00
Panduit	PAN KJ UTP 5 WIT PAN KJ UTP 5 ZWART PAN KJ UTP 5E IVOORWIT PAN KJ UTP 5E WIT PAN KJ UTP 6 WIT PAN KJ UTP 6 ZWART	MJ-02	5602 00
	PAN CJ 5E LEAD FRAME IV. WIT PAN CJ 5E LEAD FRAME WIT PAN CJ 5E LEAD FRAME ZWART PAN CJ UTP 5E IWIT PAN CJ UTP 5E TG IWIT PAN CJ UTP 5E TG WT PAN CJ UTP 5E TG ZW PAN CJ UTP 5E WIT PAN CJ UTP 5E WT PAN CJ UTP 5E ZW PAN CJ UTP 6 IWIT PAN CJ UTP 6 TX aWT PAN CJ UTP 6 TX WIT PAN CJ UTP 6 WIT PAN CJ UTP 6 ZWART PAN CJ UTP 6 ZWART PAN CJ UTP C6A 10G ZWART	MJ-06	5606 00
	PAN CJ STP 6 TX PAN CJ STP 6 A 10G TG	MJ-10	5610 00

Continued on next page

* Last updated: 08/2018. * You can find a continuously-updated overview online at www.katalog.gira.de/mj-integration (in German)

** Keystone Clip (metal) - N429.620 required

*** Keystone Clip (blue) - N429.626 required

**** For installation in cover 5629../Lexcom installation adapter required

Overview of the integration of RJ45 modular jacks in the Gira switch ranges*

Manufacturer/supplier	Designation	Insert	Order no.
R&M	RJ45 Cat. 6 A EL Connection Module, Shielded, with Keystone Adapter / R No. R813512 RJ45 Cat. 6 A EL Connection Module, Unshielded, with Keystone Adapter / R No. R813514 RJ45 Cat. 6 A ISO Connection Module, Shielded, with Keystone adapter / R No. R509509 RJ45 Cat. 6 A ISO Connection Module, Unshielded, with Keystone Adapter / R No. R509508	MJ-08	5608 00
Radiall	RADI MJ STP 6 A RADI MJ UTP 5 RADI MJ UTP 6 RADI MJ UTP 6 Toolless Jack Cat. 5e Item No.: R280MOD807 Toolless Jack Cat. 6 Item No.: R280MOD803A Toolless Jack Cat. 6 A Item No.: R280MOD810 shield Toolless Jack Cat. 6 A STP Item No.: R280MOD831 Toolless Jack KJ15 Series Cat. 6 Item No.: R280MOD800 UTP Toolless Jack Cat. 6 A Item No.: R280MOD830 Unshielded	MJ-04	5604 00
	Toolless Jack Cat. 6, Unshielded, Item No.: R280MOD834	MJ-08	5608 00
	Jack Cat. 6 A Coupler, Shielded, Item No.:R280MOD832	MJ-09	5609 00
RDUN (Reinland Daten- und Netzwerktechnik oHG)	RJ45 Modul Shielded Cat. 6 A/EA Item No.: 90254311500	MJ-04	5604 00
Rutenbeck	UM Cat. 6 A ISO A 13900304 UM-real. Cat. 6 U A 13700300	MJ-04	5604 00
Schrack	Toolless Jack RJ45 UTP Cat. 5 / HSEMRJ5UWS Toolless Line Jack RJ45 Shielded Cat. 6 (SFB) / HSEMRJ6GBS Toolless Line Jack RJ45 Shielded Cat. 6 _A (SFB) HSEMRJ6GBA Toolless Line Jack RJ45 STP Cat. 6 / Class E / HSEMRJ6GWS	MJ-04	5604 00
	Toolless Line Jack RJ45 STP 10 GB / Class E _A / HSEMRJ6GWT Toolless Line RJ45 Jack, STP Cat. 5e / HSEMRJ5GWS Toolless Line Jack RJ45 STP Cat. 6 _A / HSEMRJ66GWA Toolless Line RJ45 Jack, UTP Cat. 6 Re-Embedded / HSEMRJ6UWS	MJ-08	5608 00
Setec	UKJ RJ45, Cat. 6, Shielded Item No.: 501292 XKJ RJ45, Cat. 6 / 6 A, Shielded Item No.: 501378 and 501379	MJ-04	5604 00
Systimax	Systimax 360™ 10G MGS 600 RJ45 Cat. 6 A Module Systimax M1AH RJ45 M-Series UTP USOC Systimax M1BH-H RJ45 Cat. 3 Module Systimax MGS 400 RJ45 Cat. 6 Gigaspeed	MJ-05	5605 00
Telegärtner	AMJ Module K Cat. 6 A T568A AMJ Module K Cat. 6 A T568A	MJ-02	5602 00
TKM	RJ-MOD - Cat. 6 Shielded RJ-MOD - Cat. 6 A	MJ-04	5604 00

* Last updated: 08/2018. * You can find a continuously-updated overview online at www.katalog.gira.de/mj-integration (in German)

Specifications Order No. P. unit PS

Mounting frame



System 55			
cream white glossy	2648 01	5/25	01
pure white glossy	2648 03	5/25	01
black matt	2648 10	5/25	01

- + Necessary accessories**
 One of the following articles:
- Inserts entertainment**
 - Entertainment → 409
 - Inserts network technology**
 - Network technology → 417
 - Inserts, accessories**
 - Accessories → 421



System 55			
cream white glossy	2658 01	1/5	01
pure white glossy	2658 03	1/5	01
pure white matt	2658 27	1/5	01
anthracite	2658 28	1/5	11
colour aluminium	2658 26	1/5	11
N black matt	2658 005	1	11
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2658 203 1/5 01

- + Necessary accessories**
 One of the following articles:
- Inserts entertainment**
 - Entertainment → 409
 - Inserts network technology**
 - Network technology → 417
 - Inserts, accessories**
 - Accessories → 421

Specifications Order No. P. unit PS

Entertainment

- Notes**
- For screw mounting only.
 - Important! Observe construction space for plug and bending radii.
 - If using with gender changers:
 Not suitable for duct installation or a standard device box.
 Connection with angled plug recommended.
 - Installation recommendation:
 Kaiser electronic outlets
 flush-mounted installation: Kaiser Order No.: **1068-02**
 hollow-wall installation: Kaiser Order No.: **9062-94**
 concrete installation: Kaiser Order No.: **1268-40**



Gender changer			
cream white glossy	5669 01	1/5	01
pure white glossy	5669 03	1/5	01
black matt	5669 10	1/5	01

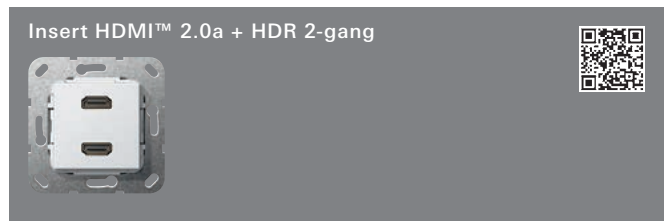
Breakout cable			
cream white glossy	5670 01	1	01
pure white glossy	5670 03	1	01
black matt	5670 10	1	01

- + Necessary accessories**
 One of the following articles:
- Mount.fr. **2648 ..** → 409
 - Mount.fr. **HC 2658 ..** → 409

Technical data
 Installation depth
 - Gender changer: at least 20 mm
 - Breakout cable: at least 51 mm
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ 601

Specifications Order No. P. unit PS



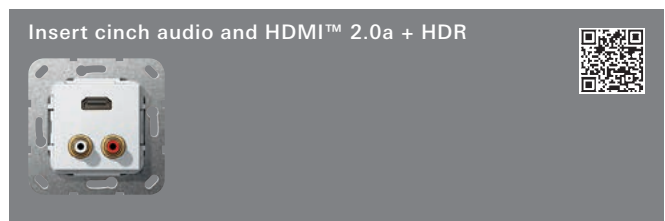
Gender changer	Order No.	P. unit	PS
cream white glossy	5671 01	1/5	01
pure white glossy	5671 03	1/5	01
black matt	5671 10	1/5	01

Breakout cable	Order No.	P. unit	PS
cream white glossy	5672 01	1	01
pure white glossy	5672 03	1	01
black matt	5672 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 20 mm
 - Breakout cable: at least 51 mm
 Length of the breakout cable: 200 mm

More information
 Technical information → i 601



Gender changer	Order No.	P. unit	PS
cream white glossy	5673 01	1/5	01
pure white glossy	5673 03	1/5	01
black matt	5673 10	1/5	01

Breakout cable	Order No.	P. unit	PS
cream white glossy	5674 01	1	01
pure white glossy	5674 03	1	01
black matt	5674 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 20 mm
 - Breakout cable: at least 51 mm
 Wave impedance for breakout cable: 75 Ω
 Length of the breakout cable: 200 mm

More information
 Technical information → i 601

Specifications Order No. P. unit PS

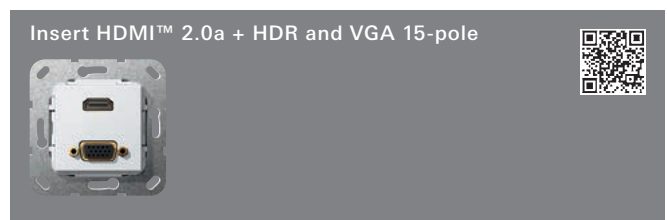


Gender changer	Order No.	P. unit	PS
cream white glossy	5675 01	1/5	01
pure white glossy	5675 03	1/5	01
black matt	5675 10	1/5	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 20 mm
 Wave impedance for SAT: 75 Ω
 For internal conductors: Ø0.6 to 1 mm

More information
 Technical information → i 601



Gender changer	Order No.	P. unit	PS
cream white glossy	5676 01	1/5	01
pure white glossy	5676 03	1/5	01
black matt	5676 10	1/5	01

Breakout cable	Order No.	P. unit	PS
cream white glossy	5677 01	1	01
pure white glossy	5677 03	1	01
black matt	5677 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 20 mm
 - Breakout cable: at least 57 mm
 Wave impedance for breakout cable: 75 Ω
 Length of the breakout cable: 200 mm

More information
 Technical information → i 601

Specifications Order No. P. unit PS



Gender changer			
cream white glossy	5678 01	1	01
pure white glossy	5678 03	1	01
black matt	5678 10	1	01

Breakout cable			
cream white glossy	5679 01	1	01
pure white glossy	5679 03	1	01
black matt	5679 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 39 mm
 - Breakout cable: at least 51 mm
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ 601



Gender changer HDMI+USB, breakout cable mini jack			
cream white glossy	5680 01	1	01
pure white glossy	5680 03	1	01
black matt	5680 10	1	01

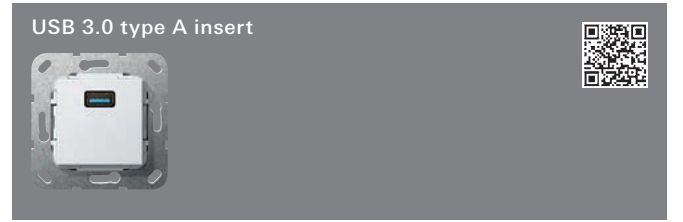
Breakout cable			
cream white glossy	5681 01	1	01
pure white glossy	5681 03	1	01
black matt	5681 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 39 mm
 - Breakout cable: at least 51 mm
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ 601

Specifications Order No. P. unit PS



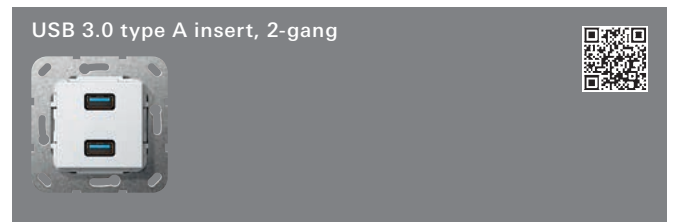
Gender changer			
cream white glossy	5682 01	1	01
pure white glossy	5682 03	1	01
black matt	5682 10	1	01

Breakout cable			
cream white glossy	5683 01	1	01
pure white glossy	5683 03	1	01
black matt	5683 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 20 mm
 - Breakout cable: at least 46 mm
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ 601



Gender changer			
cream white glossy	5684 01	1	01
pure white glossy	5684 03	1	01
black matt	5684 10	1	01

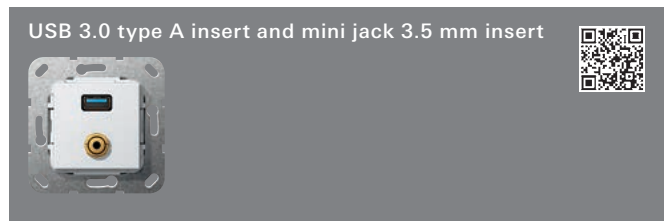
Breakout cable			
cream white glossy	5685 01	1	01
pure white glossy	5685 03	1	01
black matt	5685 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 20 mm
 - Breakout cable: at least 46 mm
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ 601

Specifications Order No. P. unit PS



Gender changer, USB , breakout cable, mini jack			
cream white glossy	5686 01	1	01
pure white glossy	5686 03	1	01
black matt	5686 10	1	01

Breakout cable			
cream white glossy	5687 01	1	01
pure white glossy	5687 03	1	01
black matt	5687 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 20 mm
 - Breakout cable: at least 46 mm
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ601

Specifications Order No. P. unit PS



Gender changer			
cream white glossy	5644 01	1/5	01
pure white glossy	5644 03	1/5	01
black matt	5644 10	1/5	01

Breakout cable			
cream white glossy	5645 01	1	01
pure white glossy	5645 03	1	01
black matt	5645 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 12 mm
 - Breakout cable: at least 58 mm
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ601



Gender changer			
cream white glossy	5690 01	1	01
pure white glossy	5690 03	1	01
black matt	5690 10	1	01

Breakout cable			
cream white glossy	5691 01	1	01
pure white glossy	5691 03	1	01
black matt	5691 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 39 mm
 - Breakout cable: at least 46 mm
 Wave impedance for breakout cable: 75 Ω
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ601



Gender changer			
cream white glossy	5652 01	1/5	01
pure white glossy	5652 03	1/5	01
black matt	5652 10	1/5	01

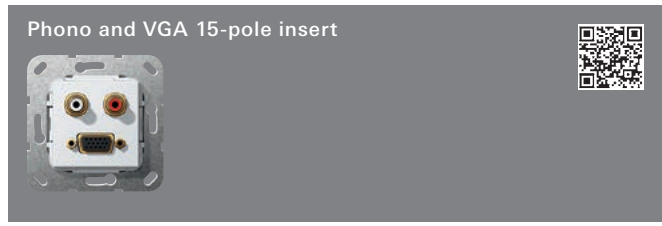
Breakout cable			
cream white glossy	5653 01	1	01
pure white glossy	5653 03	1	01
black matt	5653 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 3 mm
 - Breakout cable: at least 57 mm
 Wave impedance for breakout cable: 75 Ω
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ601

Specifications Order No. P. unit PS



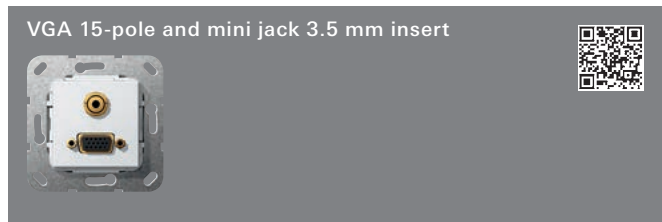
Gender changer	Order No.	P. unit	PS
cream white glossy	5656 01	1/5	01
pure white glossy	5656 03	1/5	01
black matt	5656 10	1/5	01

Breakout cable	Order No.	P. unit	PS
cream white glossy	5657 01	1	01
pure white glossy	5657 03	1	01
black matt	5657 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 10 mm
 - Breakout cable: at least 57 mm
 Wave impedance for breakout cable: 75 Ω
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ 601



Gender changer, VGA, breakout cable, mini jack	Order No.	P. unit	PS
cream white glossy	5658 01	1	01
pure white glossy	5658 03	1	01
black matt	5658 10	1	01

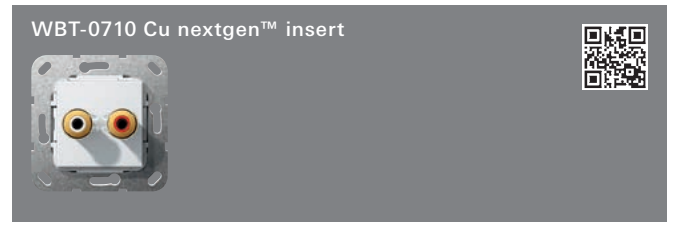
Breakout cable	Order No.	P. unit	PS
cream white glossy	5659 01	1	01
pure white glossy	5659 03	1	01
black matt	5659 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 21 mm
 - Breakout cable: at least 57 mm
 Wave impedance for breakout cable: 75 Ω
 Length of the breakout cable: 200 mm

More information
 Technical information → ⓘ 601

Specifications Order No. P. unit PS



Cable lug/solder connection	Order No.	P. unit	PS
cream white glossy	5665 01	1	01
pure white glossy	5665 03	1	01
black matt	5665 10	1	01

+ Necessary accessories
 Mount.fr. 2648 .. → 409

Technical data
 Connections
 - maximum: 1 x 10 mm² (7 AWG)
 - minimum: 1 x 4 mm² (11 AWG)

Notes
 - Not suitable for mounting frames with hinged covers.

More information
 Technical information → ⓘ 601



Cable lug/solder connection	Order No.	P. unit	PS
cream white glossy	5666 01	1	01
pure white glossy	5666 03	1	01
black matt	5666 10	1	01

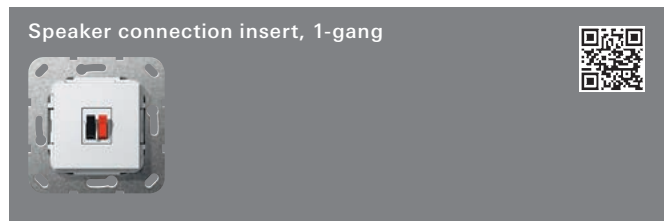
+ Necessary accessories
 Mount.fr. 2648 .. → 409

Technical data
 Connections
 - maximum: 1 x 10 mm² (7 AWG)
 - minimum: 1 x 4 mm² (11 AWG)

Notes
 - Not suitable for mounting frames with hinged covers.

More information
 Technical information → ⓘ 601

Specifications Order No. P. unit PS



cream white glossy	5692 01	1/5	01
pure white glossy	5692 03	1/5	01
black matt	5692 10	1/5	01

+ Necessary accessories

One of the following articles:
 Mount.fr. **2648 ..** → 409
 Mount.fr. HC **2658 ..** → 409

Features

- Front connection: Plug terminals, red/black.
- Rear connection: Screw terminals.

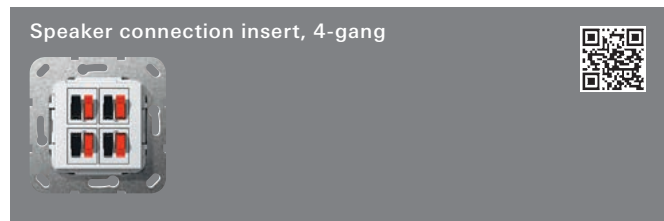
Technical data

Installation depth:	18 mm
Connections	
- maximum:	2.5 mm ²
- minimum:	1 mm ²
Connection	
- Rear:	4 mm ²

More information

Technical information → ⓘ601

Specifications Order No. P. unit PS



cream white glossy	5694 01	1/5	01
pure white glossy	5694 03	1/5	01
black matt	5694 10	1/5	01

+ Necessary accessories

One of the following articles:
 Mount.fr. **2648 ..** → 409
 Mount.fr. HC **2658 ..** → 409

Features

- Front connection: Plug terminals, red/black.
- Rear connection: Screw terminals.

Technical data

Installation depth:	18 mm
Connections	
- maximum:	2.5 mm ²
- minimum:	1 mm ²
Connection	
- Rear:	4 mm ²

More information

Technical information → ⓘ601



cream white glossy	5693 01	1/5	01
pure white glossy	5693 03	1/5	01
black matt	5693 10	1/5	01

+ Necessary accessories

One of the following articles:
 Mount.fr. **2648 ..** → 409
 Mount.fr. HC **2658 ..** → 409

Features

- Front connection: Plug terminals, red/black.
- Rear connection: Screw terminals.

Technical data

Installation depth:	18 mm
Connections	
- maximum:	2.5 mm ²
- minimum:	1 mm ²
Connection	
- Rear:	4 mm ²

More information

Technical information → ⓘ601



cream white glossy	5631 01	1/5	01
pure white glossy	5631 03	1/5	01
black matt	5631 10	1/5	01

Solder connection

cream white glossy	5632 01	1/5	01
pure white glossy	5632 03	1/5	01
black matt	5632 10	1/5	01

Breakout cable

cream white glossy	5633 01	1	01
pure white glossy	5633 03	1	01
black matt	5633 10	1	01

+ Necessary accessories

One of the following articles:
 Mount.fr. **2648 ..** → 409
 Mount.fr. HC **2658 ..** → 409

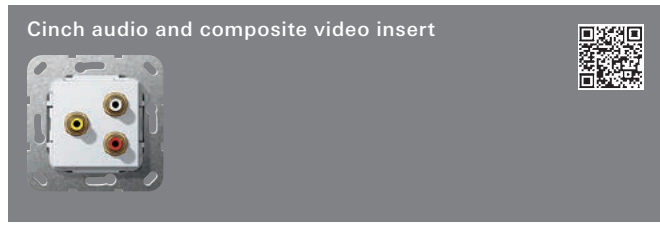
Technical data

Installation depth	
- 5632 ..:	20 mm
- Gender changer:	at least 10 mm
- Breakout cable:	at least 40 mm
Wave impedance for breakout cable:	75 Ω
Length of the breakout cable:	200 mm

More information

Technical information → ⓘ601

Specifications Order No. P. unit PS



Gender changer				
cream white glossy	5636 01	1/5	01	
pure white glossy	5636 03	1/5	01	
black matt	5636 10	1/5	01	

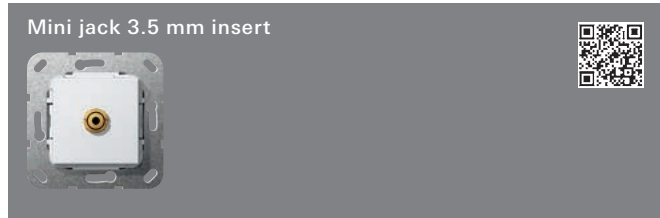
Solder connection				
cream white glossy	5638 01	1/5	01	
pure white glossy	5638 03	1/5	01	
black matt	5638 10	1/5	01	

Breakout cable				
cream white glossy	5637 01	1	01	
pure white glossy	5637 03	1	01	
black matt	5637 10	1	01	

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data				
Installation depth				
- 5638 ..:	20 mm			
- Gender changer:	at least 20 mm			
- Breakout cable:	at least 44 mm			
Wave impedance for breakout cable:	75 Ω			
Length of the breakout cable:	200 mm			

More information
 Technical information → ⓘ 601



Gender changer				
cream white glossy	5648 01	1/5	01	
pure white glossy	5648 03	1/5	01	
black matt	5648 10	1/5	01	

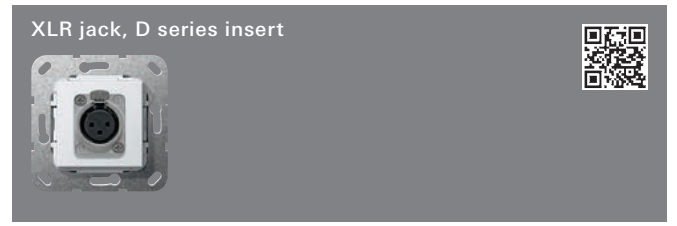
Breakout cable				
cream white glossy	5649 01	1	01	
pure white glossy	5649 03	1	01	
black matt	5649 10	1	01	

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data				
Installation depth				
- Gender changer:	at least 21 mm			
- Breakout cable:	at least 40 mm			
Length of the breakout cable:	200 mm			

More information
 Technical information → ⓘ 601

Specifications Order No. P. unit PS



Solder connection				
cream white glossy	5667 01	1/5	01	
pure white glossy	5667 03	1/5	01	
black matt	5667 10	1/5	01	

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

More information
 Technical information → ⓘ 601

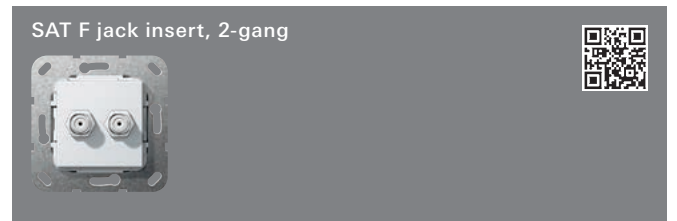


Gender changer				
cream white glossy	5650 01	1/5	01	
pure white glossy	5650 03	1/5	01	
black matt	5650 10	1/5	01	

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data				
Installation depth:	20 mm			
Wave impedance:	75 Ω			
For internal conductors:	Ø0.6 to 1 mm			

More information
 Technical information → ⓘ 601



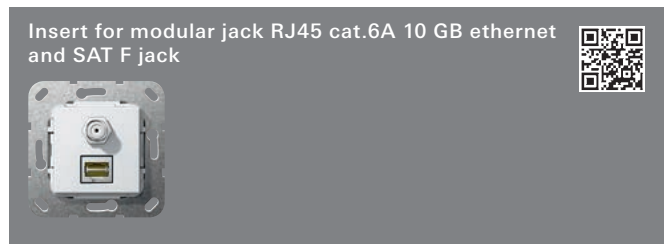
Gender changer				
cream white glossy	5651 01	1/5	01	
pure white glossy	5651 03	1/5	01	
black matt	5651 10	1/5	01	

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data				
Installation depth:	20 mm			
Wave impedance:	75 Ω			
For internal conductors:	Ø0.6 to 1 mm			

More information
 Technical information → ⓘ 601

Specifications Order No. P. unit PS



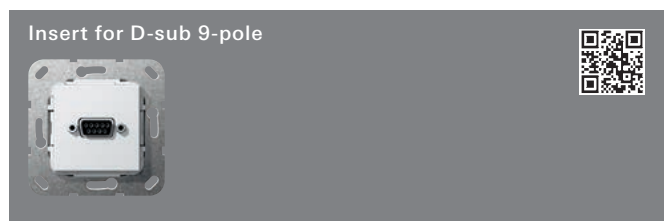
Gender changer, SAT F, insulation displacement connector, modular jack

cream white glossy	5697 01	1/5	01
pure white glossy	5697 03	1/5	01
black matt	5697 10	1/5	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth: 35 mm
 Wave impedance for SAT: 75 Ω
 For internal conductors: Ø0.6 to 1 mm

Notes
 - If using with gender changers:
 Not suitable for duct installation or a standard device box.
 Connection with angled plug recommended.



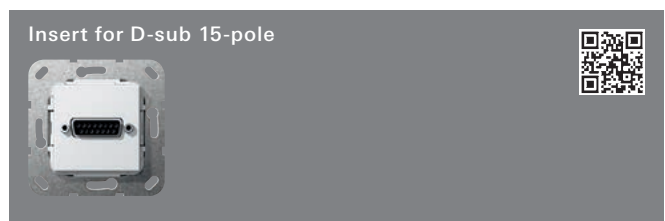
Solder connection

cream white glossy	5642 01	1/5	01
pure white glossy	5642 03	1/5	01
black matt	5642 10	1/5	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth: 16 mm

More information
 Technical information → i 601



Solder connection

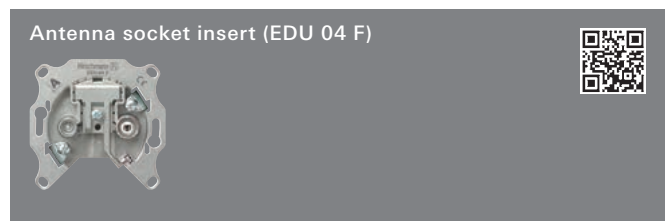
cream white glossy	5643 01	1/5	01
pure white glossy	5643 03	1/5	01
black matt	5643 10	1/5	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth: 16 mm

Specifications Order No. P. unit PS

More information
 Technical information → i 601



0046 00	1/5	01
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+ Necessary accessories
 Cov. coax.antenna sock. 0869 ..
 - System 55 → 78
 - E22 aluminium → 180

Features
 - Can be used as a single box.
 - The entire signal spectrum from 4 to 2400 MHz is available on both connections.
 - Via the TV connection, transferring direct current (max. DC 24 V / 500 mA) to a satellite antenna is possible.

Technical data
 Connection loss: 5 dB
 Installation depth: 28 mm

Notes
 - For use in individual antenna systems and for communal antenna systems, area couplers, and satellite house distribution systems on decoupled branch lines.



0041 00	1/5	01
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+ Necessary accessories
 Cov. coax.antenna sock. 0869 ..
 - System 55 → 78
 - E22 aluminium → 180

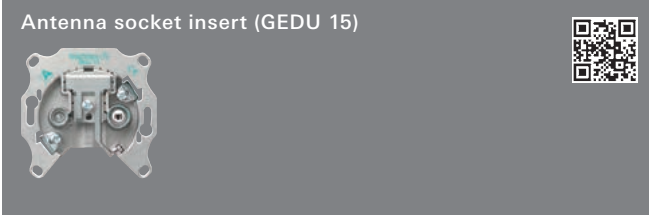
+ Optional accessories
 Antenna sock. termin.res. R77 0040 00 → 425

Features
 - Can be used as a routing or end box.
 - For use in communal antenna systems at the end of a master cable with several boxes.
 - The entire signal spectrum from 4 to 2400 MHz is available on both connections.
 - With R 77 terminating resistance, it can be used as an end box.

Technical data
 Connection loss: 10 dB
 Transmission loss: 2.5 dB
 Installation depth: 28 mm

Notes
 - For reflection-free termination of a side circuit, to be plugged into the last antenna socket outlet.
 - Suitable for terrestrial reception, area couplers, and satellite reception systems.

Specifications Order No. P. unit PS

Antenna socket insert (GEDU 15) 

0042 00	1/5	01
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+ Necessary accessories

- Cov. coax.antenna sock. **0869 ..**
- System 55 → 78
 - E22 aluminium → 180

Features


- Can be used as a routing box.
- For use in communal antenna systems with several boxes (tree structure).
- The entire signal spectrum from 4 to 2400 MHz is available on both connections.

Technical data

Connection loss:	15 dB
Transmission loss:	1.0 dB
Installation depth:	28 mm

Notes

- Suitable for terrestrial reception, area couplers, and satellite reception systems.

Antenna socket insert (FS 302 F) 

0937 00	1/5	01
----------------	-----	----

+ Necessary accessories

- Cov. coax.antenna sock. **0869 ..**
- System 55 → 78
 - E22 aluminium → 180

Features

- With three connections, it can be used as an end box.
- Use in individual antenna systems, behind a multi-switch, or on a decoupled branch line.
- The connection for the satellite receive is designed as an F pin jack. With it, transferring direct current (max. DC 24 V / 500 mA) to a satellite antenna is possible.

Technical data

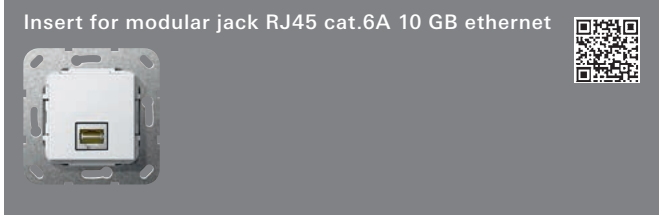
Connection loss:	1.5 - 2 dB
Installation depth:	28 mm

Specifications Order No. P. unit PS

Network technology

Notes

- For screw mounting only.
- Important! Observe construction space for plug and bending radii.
- Installation recommendation:
Kaiser electronic outlets
flush-mounted installation: Kaiser Order No.: **1068-02**
hollow-wall installation: Kaiser Order No.: **9062-94**
concrete installation: Kaiser Order No.: **1268-40**

Insert for modular jack RJ45 cat.6A 10 GB ethernet 

Gender changer

cream white glossy	5695 01	1/5	01
pure white glossy	5695 03	1/5	01
black matt	5695 10	1/5	01

Insulation displacement contact technology

cream white glossy	5696 01	1/5	01
pure white glossy	5696 03	1/5	01
black matt	5696 10	1/5	01

+ Necessary accessories

- One of the following articles:**
- Mount.fr. **2648 ..** → 409
 - Mount.fr. HC **2658 ..** → 409

Technical data

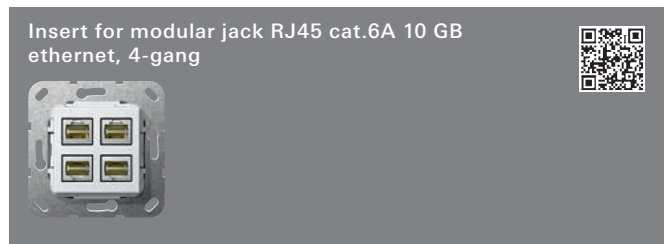
Installation depth

- Gender changer: at least 24 mm
- Insulation displacement contact technology: 35 mm

Notes

- If using with gender changers:
Not suitable for duct installation or a standard device box.
Connection with angled plug recommended.

Specifications Order No. P. unit PS



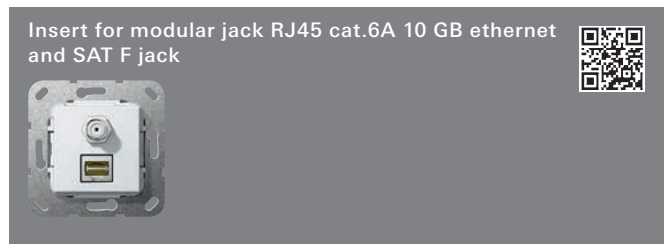
Gender changer	Order No.	P. unit	PS
cream white glossy	5698 01	1/5	01
pure white glossy	5698 03	1/5	01
black matt	5698 10	1/5	01

Insulation displacement contact technology	Order No.	P. unit	PS
cream white glossy	5699 01	1	01
pure white glossy	5699 03	1	01
black matt	5699 10	1	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth
 - Gender changer: at least 24 mm
 - Insulation displacement contact technology: 35 mm

Notes
 - If using with gender changers:
 Not suitable for duct installation or a standard device box.
 Connection with angled plug recommended.



Gender changer, SAT F, insulation displacement connector, modular jack	Order No.	P. unit	PS
cream white glossy	5697 01	1/5	01
pure white glossy	5697 03	1/5	01
black matt	5697 10	1/5	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Technical data
 Installation depth: 35 mm
 Wave impedance for SAT: 75 Ω
 For internal conductors: Ø0.6 to 1 mm

Notes
 - If using with gender changers:
 Not suitable for duct installation or a standard device box.
 Connection with angled plug recommended.

Specifications Order No. P. unit PS



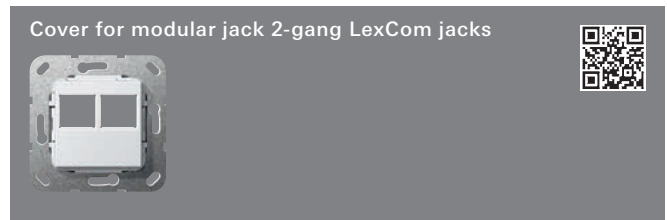
Crimp connection	Order No.	P. unit	PS
cream white glossy	5630 01	1/5	01
pure white glossy	5630 03	1/5	01
black matt	5630 10	1/5	01

+ Necessary accessories
 Mount.fr. 2648 .. → 409

Technical data
 Wave impedance: 50 Ω
 Installation depth: 25 mm

Notes
 - Not suitable for mounting frames with hinged covers.

More information
 Technical information → i 601



cream white glossy	5629 01	1/5	01
pure white glossy	5629 03	1/5	01
black	5629 10	1/5	01

+ Necessary accessories
 One of the following articles:
 Mount.fr. 2648 .. → 409
 Mount.fr. HC 2658 .. → 409

Notes
 - Suitable for duct installation.
 - A LexCom installation adapter is required for installation using this cover plate.

Scope of supply
 - Cover plate only.

More information
 Technical information → i 601

Specifications Order No. P. unit PS



Support ring, MJ-01 to MJ-10			
Support ring MJ-01	5601 00	10/100	01
Support ring MJ-02	5602 00	10/100	01
Support ring MJ-03	5603 00	10/100	01
Support ring MJ-04	5604 00	10/100	01
Support ring MJ-05	5605 00	10/100	01
Support ring MJ-06	5606 00	10/100	01
Support ring MJ-07	5607 00	10/100	01
Support ring MJ-08	5608 00	10/100	01
Support ring MJ-09	5609 00	10/100	01
Support ring MJ-10	5610 00	10/100	01

+ Necessary accessories

Cov. 30° + in.sp. f. sup.ring MJ 2-g 2640 ..			
- System 55		→	80
- E22 aluminium		→	181

Technical data

Dimensions in mm	Installation opening	
- MJ-01, MJ02, MJ-07:	W 14,8	H 19,5
- MJ-03:	W 14,8	H 20,0
- MJ-04, MJ-09:	W 14,8	H 19,3
- MJ-05:	W 16,7	H 17,3
- MJ-06:	W 15,9	H 18,3
- MJ-08:	W 14,8	H 19,0
- MJ-10:	W 16,1	H 18,5

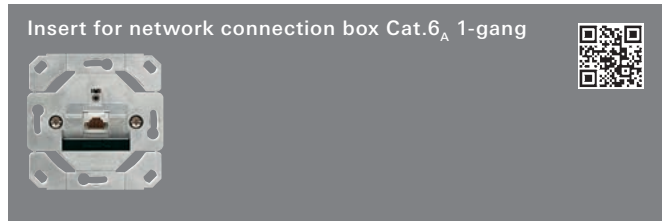
Notes

- For screw mounting only.
- Suitable for duct installation.

More information

The current compatibility matrix can be found at the beginning of this chapter → 406

The current compatibility matrix can be found online at www.katalog.gira.de/mj-integration



Insulation displacement contact technology			
2451 00	1/5		01

+ Necessary accessories

One of the following articles:

Cov. UAE/IAE + network 0270 ..			
- System 55		→	79
- E22 aluminium		→	181
Cov. in.sp. UAE/IAE network conn.box 0284 ..			
- System 55		→	79
- E22 aluminium		→	181

Features

- Shielded network connection box Cat.6_A with a jack RJ45 (8) for data transfer rates up to 10 Gigabit Ethernet in accordance with IEEE 802.3an.
- 45° angled socket outlet for parapet duct, floor tank and flush-mounted installation.
- Cable entry possible from all directions in 8 x 45° increments.

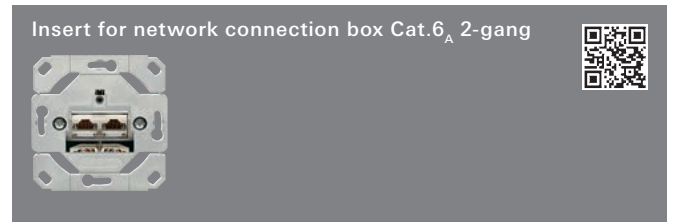
Technical data

Installation depth:	33 mm.
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Specifications Order No. P. unit PS

Notes

- For screw mounting only.



Insulation displacement contact technology			
2452 00	1/5		01

+ Necessary accessories

Cov. UAE/IAE + network 0270 ..			
- System 55		→	79
- E22 aluminium		→	181
Cov. in.sp. UAE/IAE network conn.box 0284 ..			
- System 55		→	79
- E22 aluminium		→	181

Features

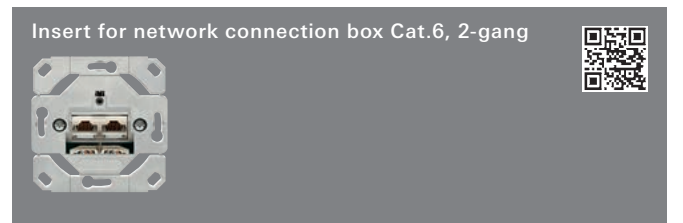
- Shielded network connection box Cat.6_A with two connection sockets RJ45 (8/8) for data transfer rates up to 10 Gigabit Ethernet in accordance with IEEE 802.3an.
- 45° angled socket outlet for parapet duct, floor tank and flush-mounted installation.
- Cable entry possible from all directions in 8 x 45° increments.

Technical data

Installation depth:	33 mm.
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Notes

- For screw mounting only.



Insulation displacement contact technology			
0166 00	1/100		01

+ Necessary accessories

Cov. UAE/IAE + network 0270 ..			
- System 55		→	79
- E22 aluminium		→	181
Cov. in.sp. UAE/IAE network conn.box 0284 ..			
- System 55		→	79
- E22 aluminium		→	181

Features

- Shielded network connection box Cat.6 with two connection sockets RJ45 (8/8) for data transfer rates up to 10 Gigabit Ethernet in accordance with IEEE 802.3an.
- 45° angled socket outlet for parapet duct, floor tank and flush-mounted installation.
- Cable entry possible from all directions in 8 x 45° increments.

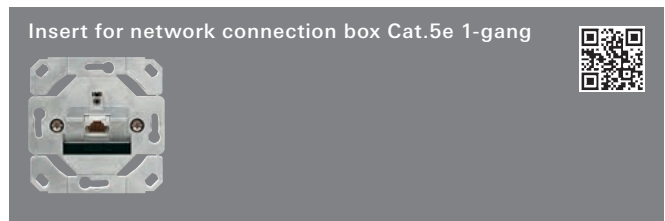
Technical data

Installation depth:	33 mm.
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Notes

- For screw mounting only.

Specifications Order No. P. unit PS



Insulation displacement contact technology
0180 00 1/100 01

+ Necessary accessories

- Cov. UAE/IAE + network **0270** ..
- System 55 → 79
 - E22 aluminium → 181
- Cov. in.sp. UAE/IAE network conn.box **0284** ..
- System 55 → 79
 - E22 aluminium → 181

Features

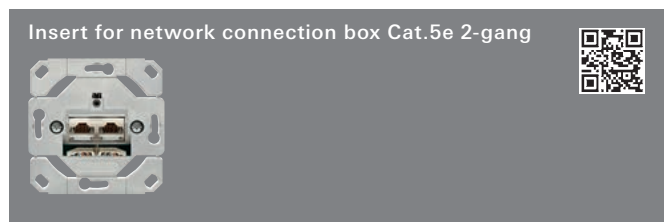
- Shielded network connection box Cat.5e with a jack RJ45 (8) for data transfer rates up to 1 Gigabit Ethernet in accordance with IEEE 802.3an.
- 45° angled socket outlet for parapet duct, floor tank and flush-mounted installation.
- Cable entry possible from all directions in 8 x 45° increments.

Technical data

Installation depth: 33 mm.

Notes

- For screw mounting only.



Insulation displacement contact technology
0178 00 1/100 01

+ Necessary accessories

- Cov. UAE/IAE + network **0270** ..
- System 55 → 79
 - E22 aluminium → 181
- Cov. in.sp. UAE/IAE network conn.box **0284** ..
- System 55 → 79
 - E22 aluminium → 181

Features

- Shielded network connection box Cat.5e with two connection sockets RJ45 (8/8) for data transfer rates up to 1 Gigabit Ethernet in accordance with IEEE 802.3an.
- 45° angled socket outlet for parapet duct, floor tank and flush-mounted installation.
- Cable entry possible from all directions in 8 x 45° increments.

Technical data

Installation depth: 33 mm.

Notes

- For screw mounting only.

Specifications Order No. P. unit PS

Telecommunication



Screw terminals
0179 00 1/5 01

+ Necessary accessories

One of the following articles:

- Cov. UAE/IAE + network **0270** ..
- System 55 → 79
 - E22 aluminium → 181
- Cov. in.sp. UAE/IAE network conn.box **0284** ..
- System 55 → 79
 - E22 aluminium → 181

Features

- UAE/IAE (ISDN-capable) RJ11/12 and RJ45 8-pole for 6-pole and 8-pole plugs.
- Eight contacts and one supporting contact for one terminal.

Technical data

Installation depth: 23 mm



Screw terminals
0187 00 1/5 01

+ Necessary accessories

One of the following articles:

- Cov. UAE/IAE + network **0270** ..
- System 55 → 79
 - E22 aluminium → 181
- Cov. in.sp. UAE/IAE network conn.box **0284** ..
- System 55 → 79
 - E22 aluminium → 181

Features

- UAE/IAE (ISDN-capable) RJ11/12 and RJ45 8-pole for 6-pole and 8-pole plugs.
- Eight contacts and one supporting contact for two terminals.

Technical data

Installation depth: 22 mm

Specifications Order No. P. unit PS



Screw terminals
0190 00 1/5 01

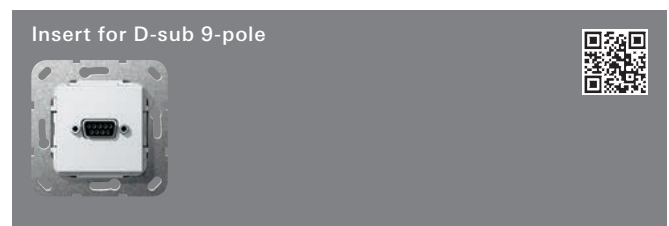
- + Necessary accessories**
One of the following articles:
Cov. UAE/IAE + network **0270** ..
- System 55 → 79
- E22 aluminium → 181
Cov. in.sp. UAE/IAE network conn.box **0284** ..
- System 55 → 79
- E22 aluminium → 181

Features
- UAE/IAE (analogue, two call numbers possible) RJ11/12 and RJ45 8/8 (8/8) 2 x 8-pole for 6-pole and 8-pole plugs.
- 2 x 8 contacts and one supporting contact for two terminals.

Technical data
Installation depth: 22 mm

Specifications Order No. P. unit PS

Accessories

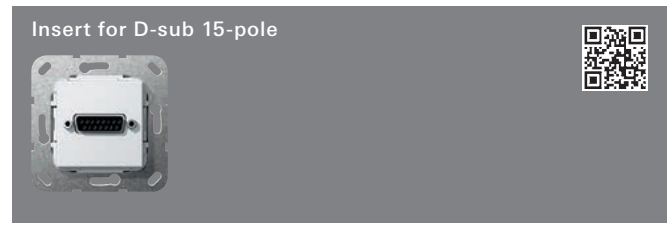


Solder connection
cream white glossy 5642 01 1/5 01
pure white glossy 5642 03 1/5 01
black matt 5642 10 1/5 01

- + Necessary accessories**
One of the following articles:
Mount.fr. **2648** .. → 409
Mount.fr. HC **2658** .. → 409

Technical data
Installation depth: 16 mm

More information
Technical information → ⓘ601

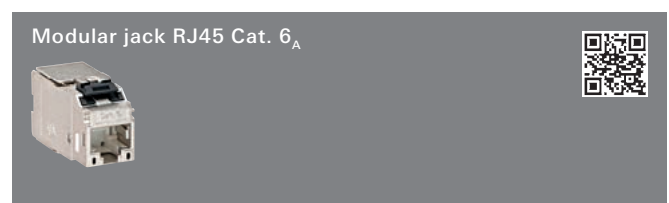


Solder connection
cream white glossy 5643 01 1/5 01
pure white glossy 5643 03 1/5 01
black matt 5643 10 1/5 01

- + Necessary accessories**
One of the following articles:
Mount.fr. **2648** .. → 409
Mount.fr. HC **2658** .. → 409

Technical data
Installation depth: 16 mm

More information
Technical information → ⓘ601



5740 00 5 01

- + Necessary accessories**
One of the following articles:
Support ring for 2640 ..
MJ-02 2-g **5602 00** → 419

+ Optional accessories
Cov. 30° + in.sp. f. sup.ring MJ 2-g **2640** .. → 80

Communication Technology

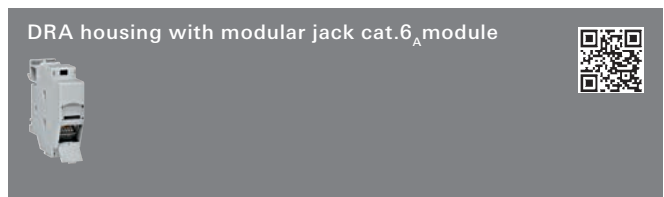
Specifications Order No. P. unit PS



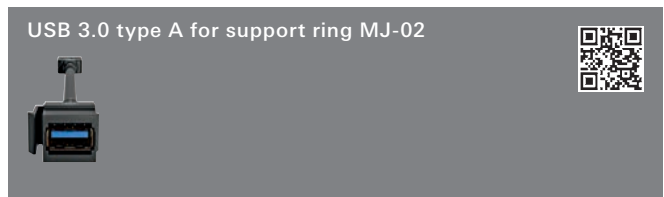
SL toolless jack, RJ45, Cat. 5E, unshielded, without dust cover
 0045 00 5/25 01

+ Necessary accessories
 Support ring for 2640 .. MJ-03 2-g 5603 00 → 419
 Data cap insert 0870 .. Ins.data cap 2-g 0039 00 → 424

+ Optional accessories
 Cov. 30° + in.sp. f. sup.ring MJ 2-g 2640 .. → 80
 Data cap sup.ring + in.sp. 0870 .. → 81



Insulation displacement contact technology
 5748 00 1 01



Breakout cable
 5745 00 1/5 01

+ Necessary accessories
 Support ring for 2640 .. MJ-02 2-g 5602 00 → 419

+ Optional accessories
 Cov. 30° + in.sp. f. sup.ring MJ 2-g 2640 .. → 80

Technical data
 Length of the breakout cable: 200 mm



Flange jack
 3-pole D series 0036 00 5/25 01

+ Necessary accessories
 One of the following articles:
 Ins.data cap 2-g 0055 00 → 423

Technical data
 Soldering terminals up to max.: 2.5 mm²

Notes
 - Same design.

Specifications Order No. P. unit PS

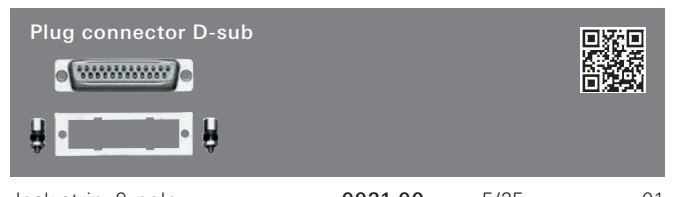


Flange plug
 3-pole D series 0037 00 5 01

+ Necessary accessories
 One of the following articles:
 Ins.data cap 2-g 0055 00 → 423

Technical data
 Soldering terminals up to max.: 2.5 mm²

Notes
 - Same design.

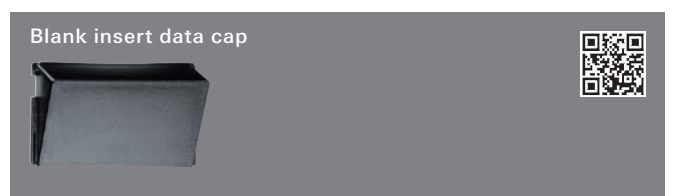


Jack strip, 9-pole 0021 00 5/25 01
 15-pole jack strip 0022 00 5/25 01
 Jack strip, 25-pole 0023 00 5/25 01

+ Necessary accessories
 Ins.data cap D-sub 0050 00 → 423

Technical data
 Connections
 - Soldering bush, maximum: 0.6 mm²
 Contacts: Nickel, gold-plated.

Scope of supply
 - The scope of supply includes a mounting plate and locking pins for screw connection M 3 e.g. for a V 24 (RS 232) interface.



0048 00 5/25 01

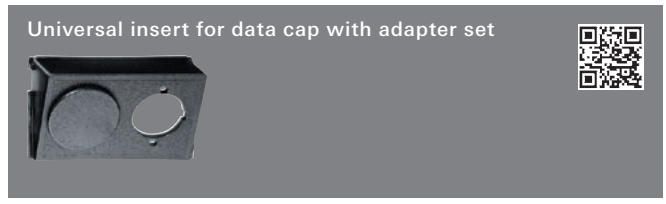
+ Necessary accessories
 One of the following articles:
 Data cap sup.ring + in.sp. 0870 ..
 - System 55 → 81
 - E22 aluminium → 182

Notes
 - Also available on request with special drilled holes, e.g. Dracod/Draconnect from Drahtex, E 2000 Duplex from Diamond, FDDI plug connections FSD/RSD.

More information
 Technical information → i 600

Communication Technology

Specifications Order No. P. unit PS



0049 00 1 01

+ Necessary accessories

One of the following articles:

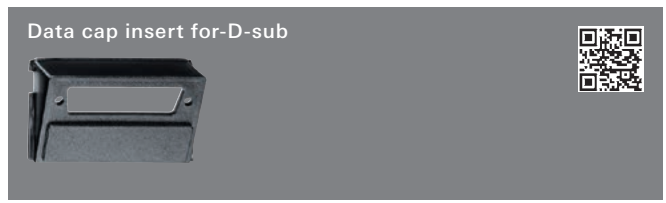
- Data cap sup.ring + in.sp. **0870 ..**
- System 55 → 81
- E22 aluminium → 182

Notes

- Second opening can be closed off.

More information

Technical information → ⓘ 600



0050 00 5/25 01

+ Necessary accessories

One of the following articles:

- Data cap sup.ring + in.sp. **0870 ..**
- System 55 → 81
- E22 aluminium → 182

+ Optional accessories

- Connector D-sub 9-p **0021 00** → 422
- Connector D-sub 9-p **0021 00** → 422
- Connector D-sub 25-p **0023 00** → 422

Notes

- Second opening can be closed off.

More information

Technical information → ⓘ 600



2-gang 0055 00 5/25 01

+ Necessary accessories

One of the following articles:

- Data cap sup.ring + in.sp. **0870 ..**
- System 55 → 81
- E22 aluminium → 182

+ Optional accessories

- XLR D series flange jack 3-p **0036 00** → 422
- XLR D series flange plug 3-p **0037 00** → 422

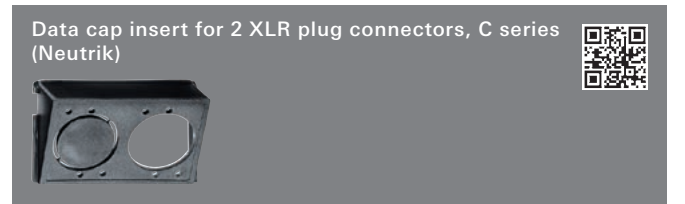
Notes

- Second opening can be cut out.

More information

Technical information → ⓘ 600

Specifications Order No. P. unit PS



2-gang 0092 00 5/25 01

+ Necessary accessories

One of the following articles:

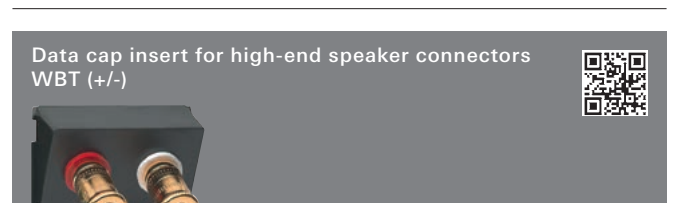
- Data cap sup.ring + in.sp. **0870 ..**
- System 55 → 81
- E22 aluminium → 182

Notes

- Second opening can be cut out.

More information

Technical information → ⓘ 600



0091 00 5 01

+ Necessary accessories

Data cap sup.ring + in.sp. **0870 ..**

- System 55 → 81
- E22 aluminium → 182

Features

- For the professional connection of speaker cables up to max. 10 mm² via sub-terminals via screwed nuts or via 4 mm banana plugs.

Technical data

Material: OFC copper, 24-carat gold plated

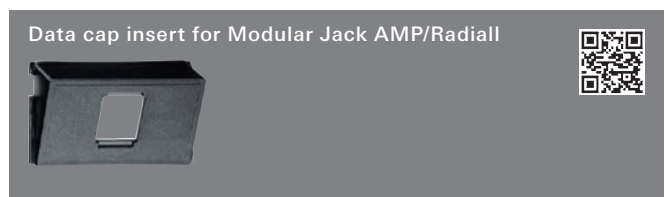
Contact resistance

- Clamp mounting: ≤ 0.1 mΩ
- Standard banana plug: ≤ 0.15 mΩ

More information

Technical information → ⓘ 600

Specifications Order No. P. unit PS



1-gang	0052 00	5/25	01
2-gang	0053 00	5/25	01

+ Necessary accessories

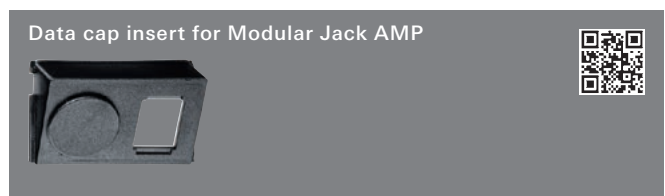
- One of the following articles:
 Data cap sup.ring + in.sp. **0870 ..**
 - System 55 → 81
 - E22 aluminium → 182

Notes

- Suitable for:
 AMP 6-pole Holland 216 000 Cat.3
 AMP 8-pole Holland 216 005 Cat.3
 Drahtex RJ45 Jack Cat.5, 6
 3M Volition LWL Duplex
 KERPEN LK 5108 Cat.6
- Second opening can be closed off.

More information

Technical information → i 600



2-gang	0039 00	5/25	01
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+ Necessary accessories

- One of the following articles:
 Data cap sup.ring + in.sp. **0870 ..**
 - System 55 → 81
 - E22 aluminium → 182

+ Optional accessories

MJ AMP RJ45 **0045 00** → 422

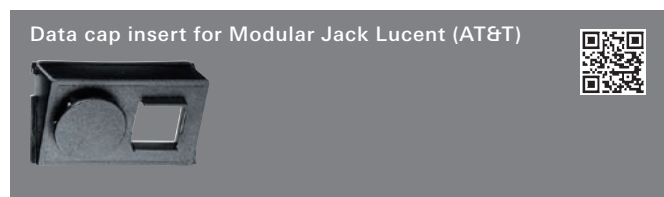
Notes

- Suitable for:
 AMP 6-pole 1116603-1 toolless Cat.3
 AMP 8-pole 1116515-1 Cat.5e shielded
 AMP 8-pole 1116604-1 toolless Cat.5e unshielded
 AMP 8-pole 1339015-1 toolless Cat.5e shielded
 AMP 8-pole 1375055-1 SL Cat.6 unshielded
 AMP 8-pole 1375188-1 SL Cat.6 shielded
 Kannegieter BICC Brand Rex snap-in jacks RJ45
 Krone Inline RJ45 shielded/unshielded
 AMP SL Series RJ45 jack Cat.5E
 AMP TWIST-7AS SL jack 8-pole 1711441-1 shielded Cat.7_A
 AMP TWIST-7AS SL jack 8-pole 1711437-1 shielded Cat.7_A
 AMP TWIST-6S SL jack 8-pole 1711160-1 shielded Cat.6
 AMP TWIST-6S SL jack 8-pole 1711342-1 shielded Cat.6
 AMP TWIST-6AS SL jack 8-pole 1711592-1 shielded Cat.6_A
 AMP TWIST-6AS SL jack 8-pole 1711716-1 shielded Cat.6_A
 AMP LC LWL Duplex adapter
 AMP MT RJ LWL Duplex.
- Second opening can be closed off.

More information

Technical information → i 600

Specifications Order No. P. unit PS



2-gang	0058 00	5/25	01
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+ Necessary accessories

- Data cap sup.ring + in.sp. **0870 ..**
 - System 55 → 81
 - E22 aluminium → 182

Notes

- Suitable for:
 2 x AT + T M 100, 2 x AT + T M 11 b/C or
 2 x AT + T T 568 B
- Second opening can be closed off.

More information

Technical information → i 600



2-gang	0047 00	5/25	01
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+ Necessary accessories

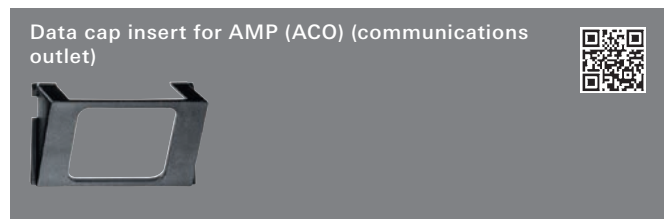
- Data cap sup.ring + in.sp. **0870 ..**
 - System 55 → 81
 - E22 aluminium → 182

Notes

- Suitable for two 1-gang modules:
 RJ45, Cat.5, Cat.6 shielded/unshielded,
 LWL E 2000 Kompakt Duplex IBM ACS Fibre,
 SC Kompakt Duplex.
- Suitable for horizontal installation only.

More information

Technical information → i 600



1-gang	0059 00	5/25	01
--------	----------------	------	----

+ Necessary accessories

- Data cap sup.ring + in.sp. **0870 ..**
 - System 55 → 81
 - E22 aluminium → 182

Notes

- Fits in cover plate **0870 ..** only.
- Suitable for 30° angled outlet only. Suitable in connection with AMP/ACO slanted installation housing, Part No. 1394582-1, also for Category 6, 600 MHz, 622 Mbit/s, Class E -DIN 44312-5.

More information

Technical information → i 600

Specifications	Order No.	P. unit	PS
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Data cap insert for fibre-optic cable/ SC Duplex coupling



2-gang	0089 00	5/25	01
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+ Necessary accessories

Data cap sup.ring + in.sp. **0870 ..**

- System 55	→	81
- E22 aluminium	→	182

Notes

- Suitable for:
Telegärtner/T-SC-Duplex coupling Part. No. J 08081 A 0002,
Telegärtner/ST-SC-Duplex adapter Part. No. J 08082 A 0003,
Telegärtner/ST-SC-Duplex adapter Part. No. J 08082 A 0002,
AMP/SC-feed-through coupler AMP Part. No. Y-5502776-X,
AMP/SC-ST feed-through coupler AMP Part. No. Y-5503137-X,
AMP etc.,
Amphenol.

More information

Technical information → [i 600](#)

Terminator R 77 for antenna socket (GEDU 10)



	0040 00	5/25	01
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+ Necessary accessories

Antenna sock. GEDU 10 0041 00	→	416
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Gira KNX system

Gira KNX operating devices	429
Gira KNX RF	453
Gira G1	459
Gira HomeServer	
Gira FacilityServer	465
Gira S1	477
Gira X1, Gira L1	481
Gira Project Assistant (GPA)	487
Gira KNX presence and motion detection	491
Gira KNX system devices, actuators, sensors, accessories	505

Training

The "KNX user training documentation", "Gira HomeServer network configuration" and "HomeServer/FacilityServer training documentation" online distance learning courses are available free-of-charge at www.academy.gira.com alongside other training opportunities.



KNX

Intelligent building technology for more convenience, security and value

Gira offers a broad range of devices and functions for a KNX system. Lighting, blinds and heating, the multi-media and security system and the door communication system can be linked together and controlled. Aided by user-friendly operating devices, controlling multiple functions is child's play. Individual rooms and specific room settings can be adapted and comprehensive scenes activated at the press of a button.



The on-board computer for the intelligent home

The Gira HomeServer and the Gira FacilityServer are on-board computers for building control in conjunction with the KNX system. The server makes it possible to realise even extensive solutions, achieving a maximum amount of convenience, security and energy efficiency.



Networking devices and functions

The networked intelligence of the KNX system also provides more security. When occupants leave the building, all electrical devices can be switched off at the press of a button to save power costs. For example, when the front door is opened, a suitable lighting mood is automatically generated, the occupant's current favourite song is played, or the bathroom can be preheated.



Operating the KNX system with Gira interface devices

The KNX system can be conveniently operated at home or while away using Gira interface devices. The Gira G1 intelligent central operating unit for building control, you can display and adjust a multitude of functions.



Controlling KNX with the push of a button

Many intelligent building technology functions can be controlled conveniently at the press of a button using the Gira pushbutton sensor 3: It's possible to switch on or dim the lighting, raise or lower blinds, save or call up light scenes, and much more. The Gira pushbutton sensor 3 is available in Basic, Komfort and Plus versions.



KNX system devices as basis and extension of the KNX system

Gira KNX system devices are used to establish a KNX communication structure and supply the KNX system with power. A variety of gateways from the Gira KNX range additionally allow you to connect to other systems, e. g. DALI. Thanks to the new KNX IP router Secure, KNX communication is now protected against tampering and other attacks and is safe to transmit through the building's IT infrastructure.



KNX actuators

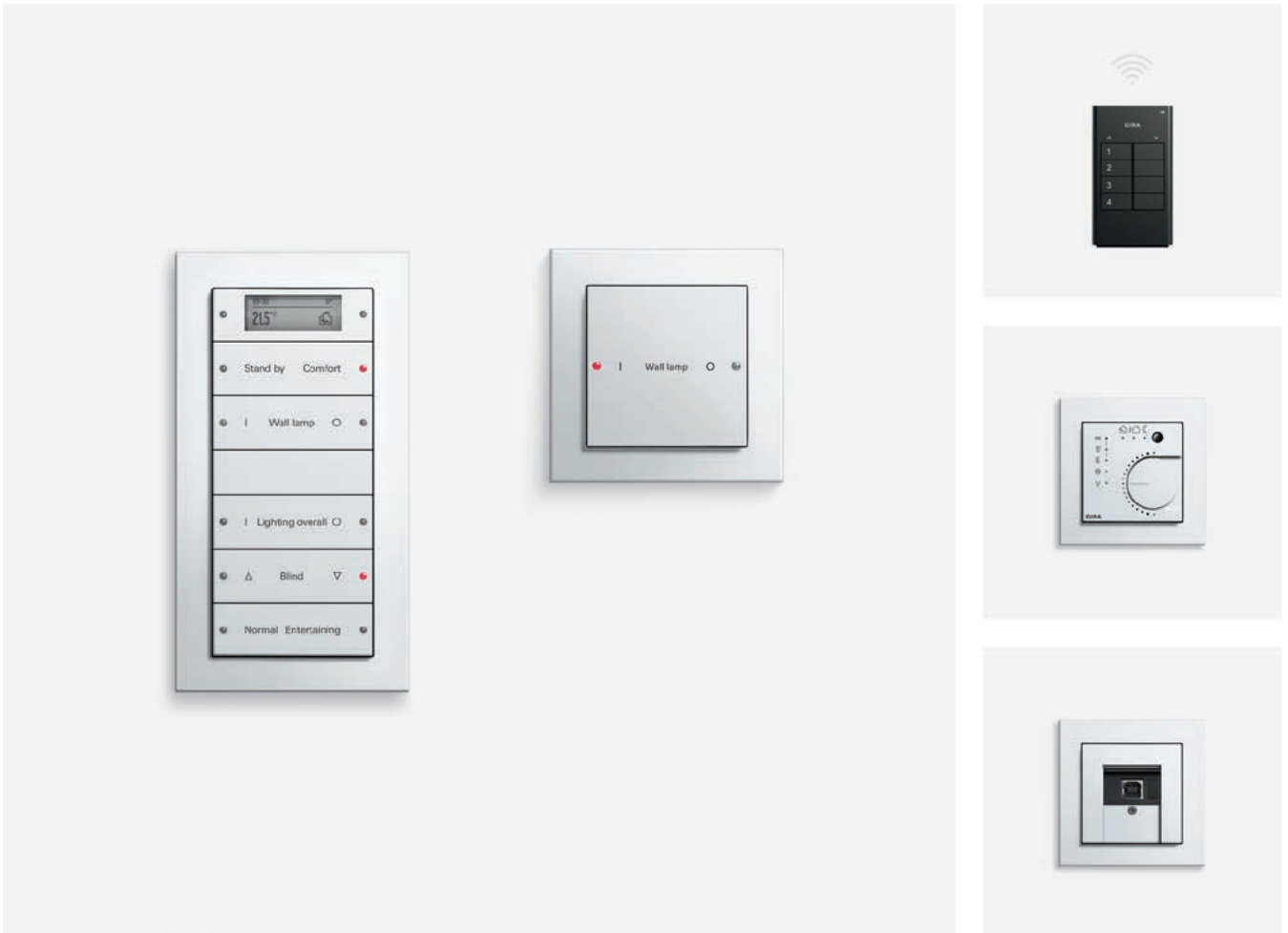
Actuators convert the commands of sensors, e. g. the KNX pushbutton sensor 3 or motion and presence detectors, into actions and switch electrical devices as needed. In addition, switching actuators with current measurement monitor the connected devices. If a load drops out, this is detected by the actuator and signalled to an interface device. Due to this precise signalling, broken lamps can be replaced quickly, ensuring functional building management.

Gira KNX operating devices

KNX bus coupler	432
Pushbutton sensor 3 Basis System 55	433
Pushbutton sensor 3 Komfort System 55	434
Pushbutton sensor 3 Plus System 55	436
KNX RF	437
Rocker sets for pushbutton sensor 3	437
Flush-mounted bus coupler button	443
Bus coupler button	
water-protected surface-mounted	445
Universal button interfaces	447
Continuous Controller and Object	
Controller with button interface, 4-gang	448
CO ₂ Sensor with humidity and room	
temperature controller	449
Data interface	450
Accessories	450

Training

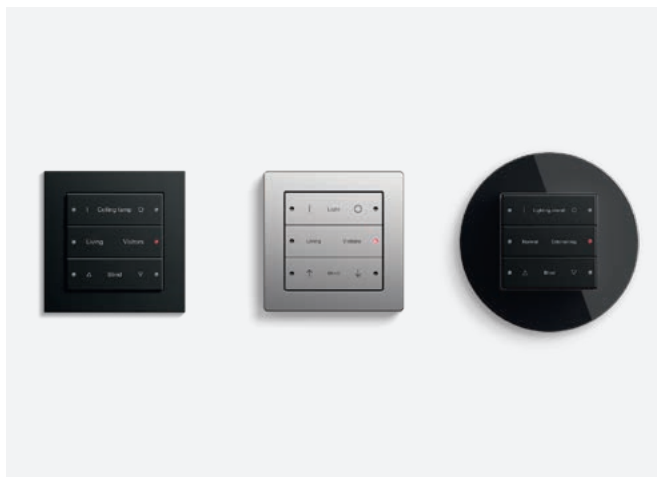
The "KNX user training documentation" online distance learning course is available free-of-charge at www.academy.gira.com alongside other training opportunities.



KNX operating devices

Convenient control and extension of intelligent functions

Gira pushbutton sensors permit convenient control of intelligent functions in a room or building. The pushbutton sensors are available in Basic, Komfort and Plus versions. Each touch surface has two LEDs for status display and can be operated on the left, right and centrally, depending on the setting and variant. The Gira pushbutton sensor 3 Plus also features a graphic display to clearly display values. An extensive range of covers offers the possibility for triggering many intelligent functions. As an addition, and for subsequent extension, the wireless KNX RF pushbutton sensors and hand-held transmitters can be used.



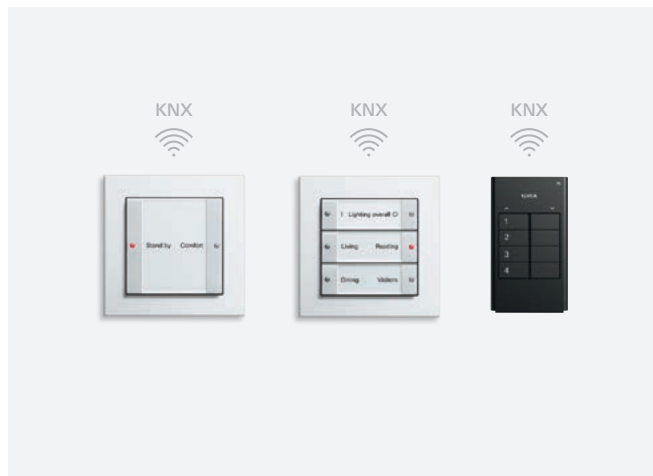
Huge design diversity

Rocker sets in numerous design styles are available for the Gira pushbutton sensor 3, matching the Gira System 55, Gira E22, and the Gira F100. Variants are available in cream white, pure white, black matt, anthracite, colour aluminium, or in aluminium, stainless steel, bronze, brass, or chrome. The pushbutton sensor 3 is available in pure white glossy for the F100.

A wide range of functions

Switching and dimming lights, creating and calling up light scenes, controlling blinds, creating comfortable single-room temperature control, or integrating functions such as the KNX CO₂ sensor and continuous controller to match the design line... Gira pushbutton sensors are the most compact devices for controlling KNX systems.

Design and order inscriptions for selected Gira products online in just four steps at www.marking.gira.com.



More flexibility in electrical planning

The Gira pushbutton sensor 3 consists of a bus coupler 3, pushbutton sensor 3, and rocker set, which are ordered separately and easily installed. The modular system offers more flexibility in electrical planning and installation. A start-up rocker protects the premium surface until you have finished installation.

KNX RF

KNX, the global standard for building systems technology, is supplemented by the wireless standard KNX RF (RF = Radio Frequency). This means that existing or newly-installed KNX systems can be extended flexibly and without the need for additional bus lines and chiselling work. For operation, Gira offers wireless pushbutton sensors matching the design line as well as hand-held transmitters that can be used for controlling building functions from any position in the room.



KNX bus coupler
→ 432



Pushbutton sensor 3
Basis System 55
→ 433



Pushbutton sensor 3
Komfort System 55
→ 434



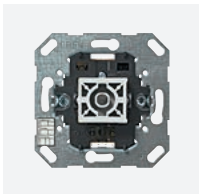
Pushbutton sensor
3 Plus System 55
→ 436



KNX RF
→ 437



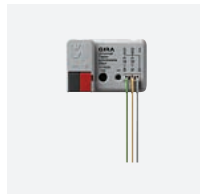
Rocker sets
for pushbutton
sensor 3
→ 437



Flush-mounted bus
coupler button
→ 443



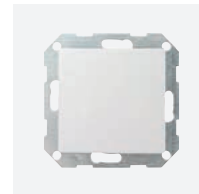
Surface-mounted
bus coupler button
→ 445



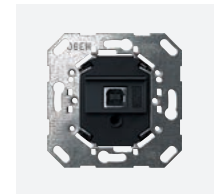
Universal button
interfaces
→ 447



Continuous
controller and
object controller
→ 448



CO₂ Sensor
→ 449



Data interface
→ 450

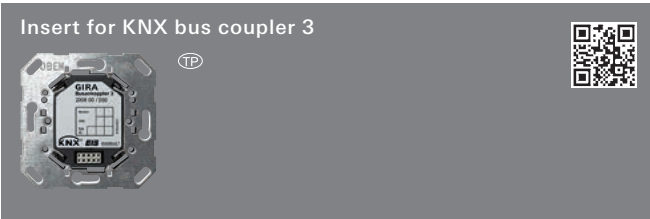


Accessories
→ 450

Specifications Order No. P. unit PS

KNX bus coupler

Insert for KNX bus coupler 3



2008 00 1/5 46

+ Necessary accessories
One of the following articles:

Pushbutton sensor 3 System 55

KNX PB sens.3 Basis 1-g 5111 00	→	433
KNX PB sens.3 Basis 2-g (1+1) 5112 00	→	434
KNX PB sens.3 Basis 3-g 5113 00	→	434
KNX PB sens.3 Komfort 1-g 5131 00	→	434
KNX PB sens.3 Komfort 2-g (1+1) 5132 00	→	435
KNX PB sens.3 Komfort 3-g 5133 00	→	435
KNX PB sens.3 Komfort 4-g (1+3) 5134 00	→	435
KNX PB sens.3 Komfort 6-g (3+3) 5136 00	→	435

Pushbutton sensor 3 Gira F100

KNX motion detector

KNX motion detec.Standard 1.10 m 2040 ..	→	498
KNX motion detec.Komfort 1.10 m 2050 ..	→	499
KNX motion detec.Standard 2.20 m 2041 ..	→	500
KNX motion detec.Komfort 2.20 m 2051 ..	→	501

+ Optional accessories

Prot.cov.pl. bus coup. 0015 01	→	451
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Pushbutton sensor 3 Plus System 55 in operation without external sensor

KNX PB sens.3 Plus 2-g 5142 00	→	436
KNX PB sens.3 Plus 5-g (2+3) 5145 00	→	436

Pushbutton sensor 3 Plus Gira F100 in operation without external sensor

- Features**
- The bus coupler 3 connects the KNX system to a KNX application module.
 - The combination of bus coupler 3 and application module represents a functional unit.
 - In the ETS project, this unit is configured in the form of the application program of the application module.


Technical data

KNX medium:	TP1-256
KNX connection:	Connection and junction terminal
Protection class:	III
Installation depth:	22 mm
Ambient temperature:	-25 °C to +55 °C

- Scope of supply**
- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

Insert for KNX bus coupler 3 with external sensor



2009 00 1/5 06

+ Necessary accessories
One of the following articles:

Pushbutton sensor 3 Plus System 55

KNX PB sens.3 Plus 2-g 5142 00	→	436
KNX PB sens.3 Plus 5-g (2+3) 5145 00	→	436

Pushbutton sensor 3 Plus Gira F100

+ Optional accessories

Remote sens. 1493 00	→	450
Prot.cov.pl. bus coup. 0015 01	→	451

- Features**
- The bus coupler 3 connects the KNX system to a KNX application module.
 - The combination of bus coupler 3 and application module represents a functional unit.
 - In the ETS project, this unit is configured in the form of the application program of the application module.
 - In addition, a remote temperature sensor can be connected to the bus coupler 3 with remote sensor. This enables a room temperature controller to record the temperature at an additional measuring point.

Technical data

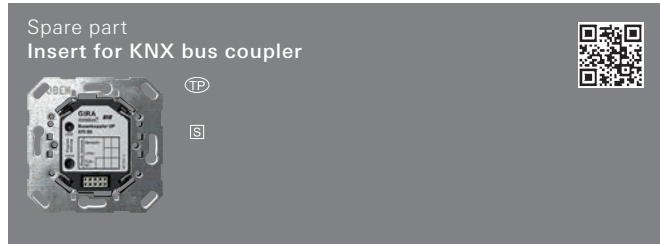
KNX medium:	TP1-256
KNX connection:	Connection and junction terminal
Protection class:	III
Installation depth:	25 mm
Ambient temperature:	-25 °C to +55 °C

- Notes**
- The remote sensor functions **only** in combination with the pushbutton sensor 3 Plus.

- Scope of supply**
- KNX connection and junction terminal included in the scope of supply.

KNX operating devices

Specifications Order No. P. unit PS



0570 00 1/5 06

+ Optional accessories
Prot.cov.pl. bus coup. **0015 01** → 451

Features

- The bus coupler is the interface between the bus and the KNX application module, such as an Info Display, data interface RS232, or automatic control switch.
- The bus coupler can receive, send, and evaluate messages.
- The bus coupler contains the address, the system program, and user-specific programs.
- Programming the physical address is authorised by pressing the programming button.
- Status display via red programming LED.

Technical data

KNX medium: TP1-256
 KNX connection: Connection and junction terminal
 Installation depth: 23 mm
 Ambient temperature: -5 °C to +45 °C

Notes

- For device box with screw attachment only.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

Pushbutton sensor 3 Basis System 55

Features

- Mounting on bus coupler 3.
- Disassembly safeguard by screw connection.
- Rocker function: Switching, dimming, blind, value transmitter 1-byte, and scene auxiliary unit.
- White operating LED.
- Two red status LEDs per operating surface.
- Inscription space illumination for rocker sets with inscription space.
- Function of inscription space illumination and status LED can be configured.

Technical data

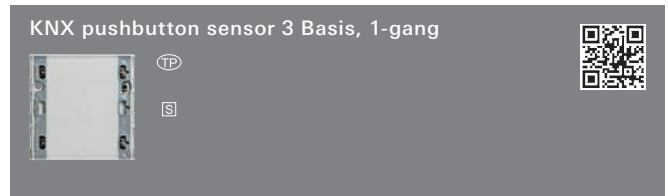
KNX medium: TP1-256
 Ambient temperature: -5 °C to +45 °C
 Protection class: III

Notes

- Professional labelling with the Gira Inscription Service www.marking.gira.com.
- The pushbutton sensor is supplied with a program-neutral start-up rocker. The suitable rocker set for the design line must be ordered separately.

Scope of supply

- Blank inscription labels included.



System 55, Gira E22

Start-up rocker 5111 00 1/5 06

+ Necessary accessories

Bus coup.3 **2008 00** → 432
 One of the following articles:
 Rocker set 1-g in.sp. **2131 ..** → 437
 Rocker set 1-g **2181 ..** → 439
 Rocker set 1-g inscr. **2201 ..** → 441

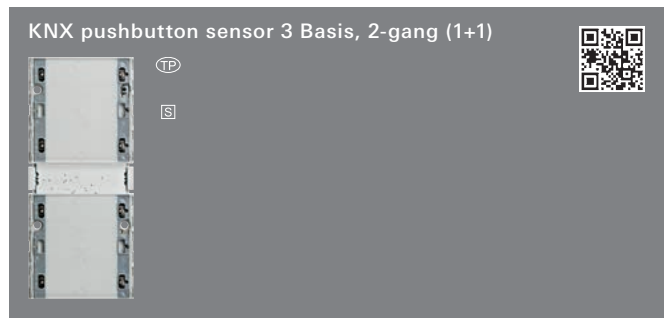
+ Optional accessories

In.sheets 38 x 54 mm **1090 00** → 232

Scope of supply

- Blank inscription labels included.

Specifications Order No. P. unit PS



System 55, Gira E22
Start-up rocker 5112 00 1 06

+ Necessary accessories

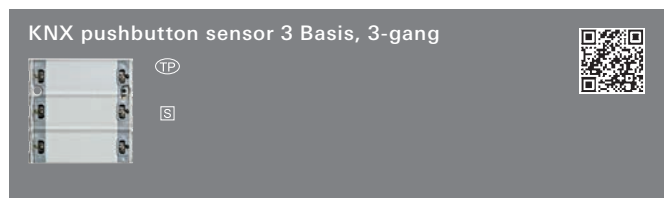
- Bus coup.3 **2008 00** → 432
- One of the following articles:
- Rocker set 2-g in.sp. **2132 ..** → 438
- Rocker set 2-g (1+1) **2182 ..** → 439
- Rocker set 2-g (1+1) inscr. **2202 ..** → 441
- One of the following articles:
- Cov.fr. 2-g w/o cb **1002 ..**
- Standard 55 → 96
- E2 → 103
- Event → 118
- Esprit → 132
- ClassiX → 146
- E22 aluminium → 155

+ Optional accessories

- Sup.ring PB sens. wall transm. **1127 00** → 450
- In.sheets 38 x 54 mm **1090 00** → 232

Scope of supply

- Blank inscription labels included.



System 55, Gira E22
Start-up rocker 5113 00 1/5 06

System 55
Start-up rocker 5113 00 1/5 06

+ Necessary accessories

- Bus coup.3 **2008 00** → 432
- One of the following articles:
- Rocker set 3-g in.sp. **2133 ..** → 438
- Rocker set 3-g **2183 ..** → 440
- Rocker set 3-g inscr. **2203 ..** → 441

+ Optional accessories

- In.sheets 38 x 54 mm **1090 00** → 232

Scope of supply

- Blank inscription labels included.

Specifications Order No. P. unit PS

Pushbutton sensor 3 Komfort System 55

Features

- Mounting on bus coupler 3.
- Disassembly safeguard by screw connection.
- Two multicoloured status LEDs per operating surface.
- Integrated temperature sensor for measuring and forwarding the ambient room temperature.
- Rocker or button function can be set for each operating surface.
- Rocker function: Switching, dimming, blind control, value transmitter 1-byte, value transmitter 2-byte, scene auxiliary unit, and room temperature controller auxiliary unit.
- Button function: Switching, dimming, blind control, value transmitter 1-byte, value transmitter 2-byte, scene auxiliary unit, and room temperature controller auxiliary unit.
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, toggle between various operating modes, switching of presence condition, setpoint offset.
- Blocker for blocking individual button or rocker functions.
- Alarm message displayed through all LEDs flashing.
- Multicoloured status LED (red, green, blue) can be configured globally or separately. A superimposed function can be activated on the bus whereby the colour and display information of individual status LEDs can be modified according to priority.
- Communication object for brightness control of status LED and illumination of inscription space (e.g. for reducing brightness in bedrooms at night).
- Inscription space illumination for rocker sets with inscription space.
- Illumination of inscription space ON, OFF, automatic switch-off, or switchable via object.

Technical data

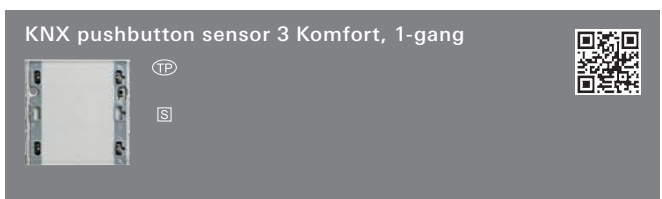
- KNX medium: TP1-256
- Ambient temperature: -5 °C to +45 °C
- Protection class: III

Notes

- Professional labelling with the Gira Inscription Service www.marking.gira.com.
- The pushbutton sensor is supplied with a program-neutral start-up rocker. The suitable rocker set for the design line must be ordered separately.

Scope of supply

- Blank inscription labels included.



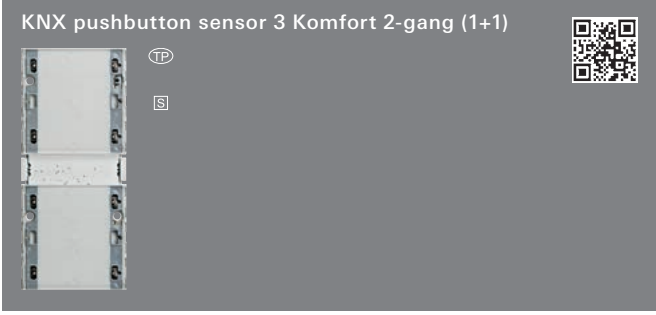
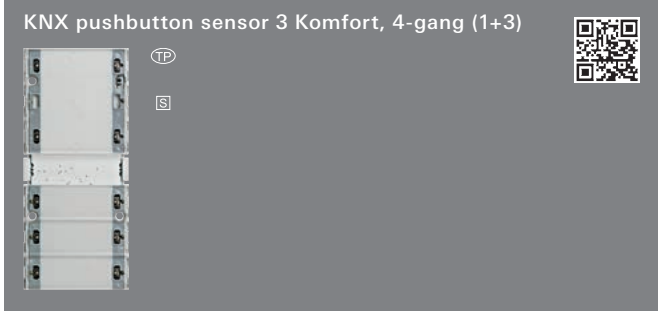
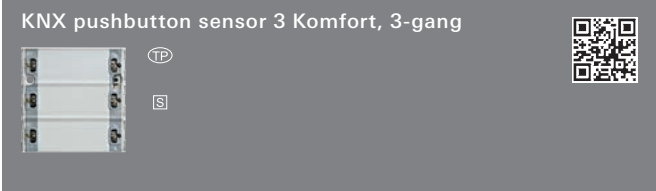
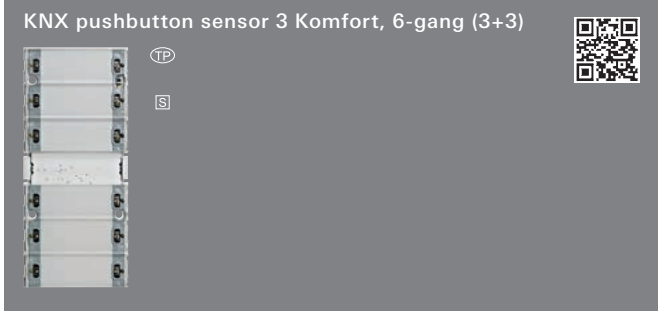
System 55, Gira E22
Start-up rocker 5131 00 1/5 46

+ Necessary accessories

- Bus coup.3 **2008 00** → 432
- One of the following articles:
- Rocker set 1-g in.sp. **2131 ..** → 437
- Rocker set 1-g **2181 ..** → 438
- Rocker set 1-g inscr. **2201 ..** → 441

+ Optional accessories

- In.sheets 38 x 54 mm **1090 00** → 232

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
							
System 55, Gira E22 Start-up rocker	5132 00	1/100	46	System 55, Gira E22 Start-up rocker	5134 00	1/100	46
+ Necessary accessories Bus coup.3 2008 00 → 432 One of the following articles: Rocker set 2-g in.sp. 2132 .. → 438 Rocker set 2-g (1+1) 2182 .. → 439 Rocker set 2-g (1+1) inscr. 2202 .. → 441 One of the following articles: Cov.fr. 2-g w/o cb 1002 .. - Standard 55 → 96 - E2 → 103 - Event → 118 - Esprit → 132 - ClassiX → 146 - E22 aluminium → 155				+ Necessary accessories Bus coup.3 2008 00 → 432 One of the following articles: Rocker set 4-g (1+3) in.sp. 2134 .. → 438 Rocker set 4-g (1+3) 2184 .. → 440 Rocker set 4-g (1+3) inscr. 2204 .. → 442 One of the following articles: Cov.fr. 2-g w/o cb 1002 .. - Standard 55 → 96 - E2 → 103 - Event → 118 - Esprit → 132 - ClassiX → 146 - E22 aluminium → 155			
+ Optional accessories Sup.ring PB sens. wall transm. 1127 00 → 450 In.sheets 38 x 54 mm 1090 00 → 232				+ Optional accessories Sup.ring PB sens. wall transm. 1127 00 → 450 In.sheets 38 x 54 mm 1090 00 → 232			
							
System 55, Gira E22 Start-up rocker	5133 00	1/5	46	System 55, Gira E22 Start-up rocker	5136 00	1/100	46
+ Necessary accessories Bus coup.3 2008 00 → 432 One of the following articles: Rocker set 3-g in.sp. 2133 .. → 438 Rocker set 3-g 2183 .. → 440 Rocker set 3-g inscr. 2203 .. → 441				+ Necessary accessories Bus coup.3 2008 00 → 432 One of the following articles: Rocker set 6-g (3+3) in.sp. 2136 .. → 438 Rocker set 6-g (3+3) 2186 .. → 440 Rocker set 6-g (3+3) inscr. 2206 .. → 442 One of the following articles: Cov.fr. 2-g w/o cb 1002 .. - Standard 55 → 96 - E2 → 103 - Event → 118 - Esprit → 132 - ClassiX → 146 - E22 aluminium → 155			
+ Optional accessories In.sheets 38 x 54 mm 1090 00 → 232				+ Optional accessories Sup.ring PB sens. wall transm. 1127 00 → 450 In.sheets 38 x 54 mm 1090 00 → 232			

KNX operating devices

Specifications Order No. P. unit PS

Pushbutton sensor 3 Plus System 55

Features

- Mounting on bus coupler 3 or bus coupler 3 external sensor.
- Disassembly safeguard by screw connection.
- Backlit graphic display and various display possibilities, e.g. temperature, time, date, alarm texts, information texts.
- Two multicoloured status LEDs per operating surface.
- Multicoloured status LED (red, green, blue) can be parameterised via the ETS.
- Inscription space illumination for rocker sets with inscription space.
- Internal temperature sensor for measuring ambient room temperature.

Pushbutton sensor properties:

- Rocker or button function can be set for each operating surface.
- Rocker function: Switching, dimming, blind control, value transmitter 1-byte, value transmitter 2-byte, scene auxiliary unit, 2-channel operation and manual fan control.
- Button function: Switching, dimming, blind controller, value transmitter 1-byte, value transmitter 2-byte, scene auxiliary unit, 2-channel operation, controller auxiliary unit, controller operation, heater clock operation and manual fan control.
- Controller auxiliary unit or controller operation: Operating mode changeover, (defined selection of operating mode or switching between various operating modes with controller auxiliary unit), switching of presence condition, setpoint offset.
- Blocker for blocking individual button or rocker functions.
- Alarm message displayed through all LEDs flashing.
- Multicoloured status LED (red, green, blue) can be configured globally or separately. A superimposed function can be activated on the bus whereby the colour and display information of individual status LEDs can be modified according to priority.
- Illumination of inscription space ON, OFF, automatic switch-off, or switchable via object.
- Communication object for brightness control of status LED, illumination of inscription space and backlighting of display.

Room temperature controller properties:

- Operating modes: Comfort, standby, night, and frost or heat protection with their own temperature setpoint values (for heating and/or cooling).
- Comfort extension using the presence button.
- Frost or heat protection changeover via window status or via frost protection automatic function.
- Room temperature controller information is shown in the device display.
- Either one or two control circuits.
- Various control types can be configured according to the heating or cooling level: PI control (constant or switching PWM) or 2-point control (switching).
- Control parameters for PI controllers and 2-point controllers can be set.
- Internal temperature sensor and up to two external temperature sensors (1 x object, 1 x wired) possible for room temperature measurement.
- Optional external wired remote sensor for floor heating.
- Heating clock with 28 switching times.

LC display properties:

- Graphic display with switchable LED backlighting.
- 1-range or 2-range display.
- Text information in the display in the languages: German, English, Dutch, Norwegian, Russian and Polish. Other languages are available on the Internet.

Technical data

KNX medium: TP1-256
 Ambient temperature: -5 °C to +45 °C
 Protection class: III

Notes

- Professional labelling with the Gira Inscription Service www.marking.gira.com.
- The pushbutton sensor is supplied with a program-neutral start-up rocker. The suitable rocker set for the design line must be ordered separately.

Scope of supply

- Blank inscription labels included.

Specifications Order No. P. unit PS

KNX pushbutton sensor 3 Plus 2-gang



System 55, Gira E22

Start-up rocker 5142 00 1/100 06

+ Necessary accessories

One of the following articles:

Bus coup.3 2008 00 → 432

Bus coup.3 external sens. 2009 00 → 432

One of the following articles:

Rocker set 2-g Plus in.sp. 2142 .. → 439

Rocker set 2-g Plus 2192 .. → 440

Rocker set 2-g Plus inscr. 2212 .. → 442

+ Optional accessories

In.sheets 38 x 36 mm 1089 00 → 232

KNX pushbutton sensor 3 Plus 5-gang (2+3)



System 55, Gira E22

Start-up rocker 5145 00 1/100 06

+ Necessary accessories

One of the following articles:

Bus coup.3 2008 00 → 432

Bus coup.3 external sens. 2009 00 → 432

One of the following articles:

Rocker set 5-g Plus (2+3) in.sp. 2145 .. → 439

Rocker set 5-g Plus (2+3) 2195 .. → 441

Rocker set 5-g Plus (2+3) inscr. 2215 .. → 442

One of the following articles:

Cov.fr. 2-g w/o cb 1002 ..

- Standard 55 → 96

- E2 → 103

- Event → 118

- Esprit → 132

- ClassiX → 146

+ Optional accessories

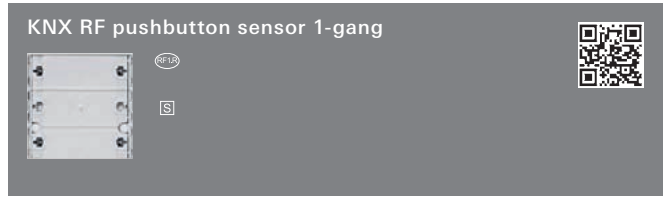
Sup.ring PB sens. wall transm. 1127 00 → 450

In.sheets 38 x 36 mm 1089 00 → 232

In.sheets 38 x 54 mm 1090 00 → 232

Specifications Order No. P. unit PS

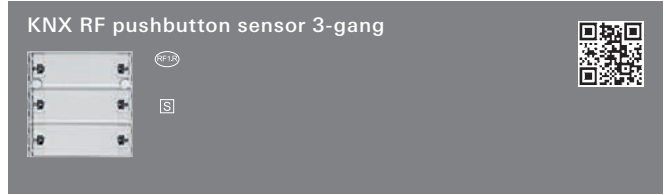
KNX RF



System 55 / Gira E22
Start-up rocker **5101 00** 1/5 06

- + Necessary accessories**
One of the following articles:
- Rocker set 1-g in.sp. **2131 ..** → 437
 - Rocker set 1-g **2181 ..** → 439
 - Rocker set 1-g inscr. **2201 ..** → 441

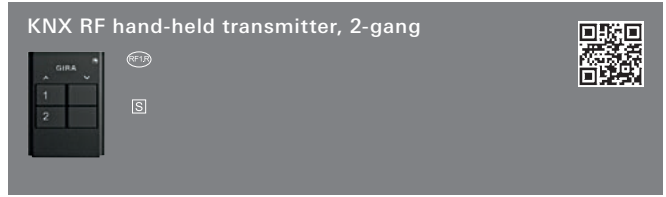
- + Optional accessories**
- Mount.pl.set **5339 00** → 451
 - Supp. ring plastic **5338 00** → 451
- Functional description → 457



System 55 / Gira E22
Start-up rocker **5103 00** 1/5 06

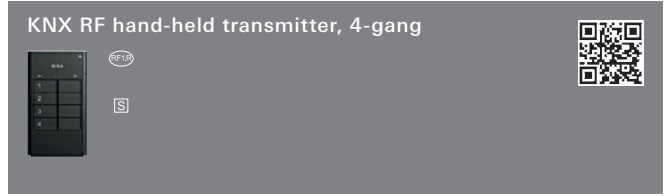
- + Necessary accessories**
One of the following articles:
- Rocker set 3-g in.sp. **2133 ..** → 437
 - Rocker set 3-g **2183 ..** → 439
 - Rocker set 3-g inscr. **2203 ..** → 441

- + Optional accessories**
- Mount.pl.set **5339 00** → 451
 - Supp. ring plastic **5338 00** → 451
- Functional description → 457



anthracite **5122 00** 1 06

Functional description → 457



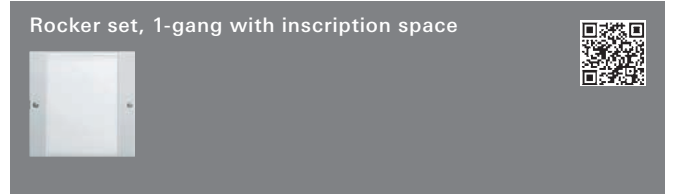
anthracite **5124 00** 1 06

Functional description → 457

Specifications Order No. P. unit PS

Rocker sets for pushbutton sensor 3

- Notes**
- Inscriptible rocker sets and rocker sets with inscription space can be provided with a customised inscription. The order is processed by the wholesaler specified during the rockers' order process.
 - Inscriptible rocker sets and rocker sets without inscription space are made of metal, which can lead to impairments to the range in wireless applications.



System 55

Clear + cream white glossy	2131 01	1	06
clear + pure white glossy	2131 03	1/100	46
Clear + anthracite	2131 28	1	06
Clear / colour aluminium	2131 26	1	06
N clear + black matt	2131 005	1	06
Clear + stainless steel	2131 600	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium

Clear + aluminium	2131 203	1	06
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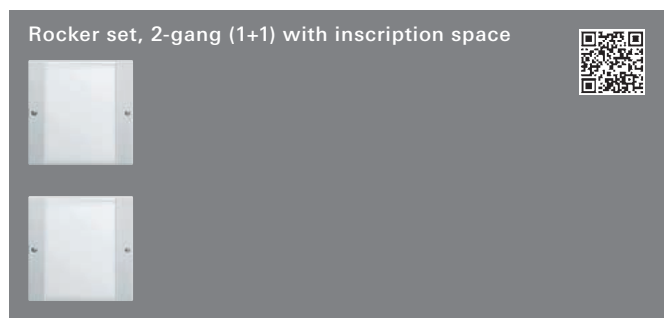
- + Necessary accessories**
One of the following articles:
- KNX PB sens.3 Basis 1-g **5111 00** → 433
 - KNX PB sens.3 Komfort 1-g **5131 00** → 434
 - RF PB sens. 1-g **5101 00** → 457
 - Gira eNet WL wall transm. 1-g in.sp. **5331 00** → 551

- + Optional accessories**
- In.sheets 38 x 54 mm **1090 00** → 232

- Notes**
- Professional labelling with the Gira Inscription Service www.marking.gira.com.

KNX operating devices

Specifications Order No. P. unit PS



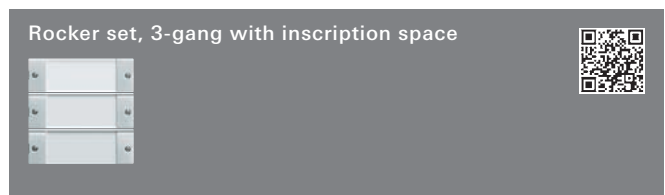
System 55	Order No.	P. unit	PS
Clear + cream white glossy	2132 01	1	06
clear + pure white glossy	2132 03	1	46
Clear + anthracite	2132 28	1	06
Clear / colour aluminium	2132 26	1	06
N clear + black matt	2132 005	1	06
Clear + stainless steel	2132 600	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 Clear + aluminium 2132 203 1 06

+ Necessary accessories
 One of the following articles:
 KNX PB sens.3 Basis 2-g (1+1) 5112 00 → 434
 KNX PB sens.3 Komfort 2-g (1+1) 5132 00 → 435

+ Optional accessories
 In.sheets 38 x 54 mm 1090 00 → 232

Notes
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.



System 55	Order No.	P. unit	PS
Clear + cream white glossy	2133 01	1	06
clear + pure white glossy	2133 03	1/100	46
Clear + anthracite	2133 28	1	06
Clear / colour aluminium	2133 26	1	06
N clear + black matt	2133 005	1	06
Clear + stainless steel	2133 600	1	06
N Black matt. New product.			

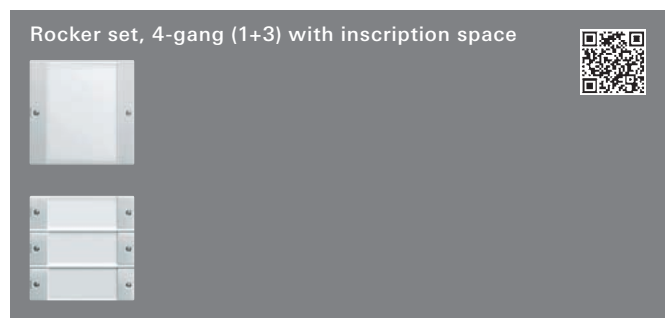
D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 Clear + aluminium 2133 203 1 06

+ Necessary accessories
 One of the following articles:
 KNX PB sens.3 Basis 3-g 5113 00 → 434
 KNX PB sens.3 Komfort 3-g 5133 00 → 435
 RF PB sens. 3-g 5103 00 → 457
 Gira eNet WL wall transm. 3-g in.sp. 5333 00 → 552
 ZigBee® Light Link WL wall transm. in.sp. 2430 100 → 570

+ Optional accessories
 In.sheets 38 x 54 mm 1090 00 → 232

Notes
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.

Specifications Order No. P. unit PS



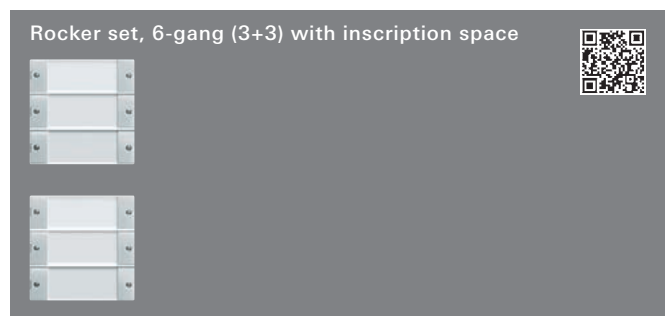
System 55	Order No.	P. unit	PS
Clear + cream white glossy	2134 01	1	06
clear + pure white glossy	2134 03	1	46
Clear + anthracite	2134 28	1	06
Clear / colour aluminium	2134 26	1	06
N clear + black matt	2134 005	1	06
Clear + stainless steel	2134 600	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 Clear + aluminium 2134 203 1 06

+ Necessary accessories
 KNX PB sens.3 Komfort 4-g (1+3) 5134 00 → 435

+ Optional accessories
 In.sheets 38 x 54 mm 1090 00 → 232

Notes
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.



System 55	Order No.	P. unit	PS
Clear + cream white glossy	2136 01	1	06
clear + pure white glossy	2136 03	1	46
Clear + anthracite	2136 28	1	06
Clear / colour aluminium	2136 26	1	06
N clear + black matt	2136 005	1	06
Clear + stainless steel	2136 600	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 Clear + aluminium 2136 203 1 06

+ Necessary accessories
 KNX PB sens.3 Komfort 6-g (3+3) 5136 00 → 435

+ Optional accessories
 In.sheets 38 x 54 mm 1090 00 → 232

Notes
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.

Specifications Order No. P. unit PS



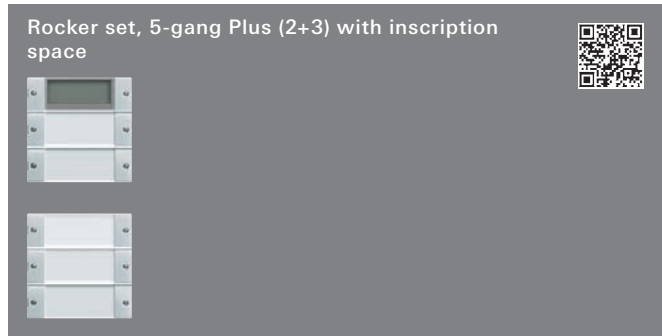
System 55			
Clear + cream white glossy	2142 01	1	06
clear + pure white glossy	2142 03	1/100	06
Clear + anthracite	2142 28	1	06
Clear / colour aluminium	2142 26	1	06
N clear + black matt	2142 005	1	06
Clear + stainless steel	2142 600	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 Clear + aluminium 2142 203 1 06

+ Necessary accessories
 KNX PB sens.3 Plus 2-g 5142 00 → 436

+ Optional accessories
 In.sheets 38 x 36 mm 1089 00 → 232

Notes
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.



System 55			
Clear + cream white glossy	2145 01	1	06
clear + pure white glossy	2145 03	1	06
Clear + anthracite	2145 28	1	06
Clear / colour aluminium	2145 26	1	06
N clear + black matt	2145 005	1	06
Clear + stainless steel	2145 600	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 Clear + aluminium 2145 203 1 06

+ Necessary accessories
 KNX PB sens.3 Plus 5-g (2+3) 5145 00 → 436

+ Optional accessories
 In.sheets 38 x 36 mm 1089 00 → 232
 In.sheets 38 x 54 mm 1090 00 → 232

Notes
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.

Specifications Order No. P. unit PS



System 55			
cream white glossy (lacquered)	2181 01	1	06
pure white glossy (lacquered)	2181 03	1	06
pure white matt (lacquered)	2181 27	1	06
anthracite (lacquered)	2181 28	1	06
colour aluminium (lacquered)	2181 26	1	06
N black matt (lacquered)	2181 005	1	06
stainless steel	2131 601	1	06
bronze	2131 605	1	06
brass	2131 606	1	06
chrome	2131 609	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2131 211 1 06

+ Necessary accessories
 One of the following articles:
 KNX PB sens.3 Basis 1-g 5111 00 → 433
 KNX PB sens.3 Komfort 1-g 5131 00 → 434
 RF PB sens. 1-g 5101 00 → 457
 Gira eNet WL wall transm. 1-g in.sp. 5331 00 → 551



System 55			
cream white glossy (lacquered)	2182 01	1	06
pure white glossy (lacquered)	2182 03	1	06
pure white matt (lacquered)	2182 27	1	06
anthracite (lacquered)	2182 28	1	06
colour aluminium (lacquered)	2182 26	1	06
N black matt (lacquered)	2182 005	1	06
stainless steel	2132 601	1	06
bronze	2132 605	1	06
brass	2132 606	1	06
chrome	2132 609	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2132 211 1 06

+ Necessary accessories
 One of the following articles:
 KNX PB sens.3 Basis 2-g (1+1) 5112 00 → 434
 KNX PB sens.3 Komfort 2-g (1+1) 5132 00 → 435

Specifications Order No. P. unit PS



System 55

cream white glossy (lacquered)	2183 01	1	06
pure white glossy (lacquered)	2183 03	1	06
pure white matt (lacquered)	2183 27	1	06
anthracite (lacquered)	2183 28	1	06
colour aluminium (lacquered)	2183 26	1	06
N black matt (lacquered)	2183 005	1	06
stainless steel	2133 601	1	06
bronze	2133 605	1	06
brass	2133 606	1	06
chrome	2133 609	1	06

N Black matt. New product.

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2133 211 1 06

+ Necessary accessories
 One of the following articles:
 KNX PB sens.3 Basis 3-g 5113 00 → 434
 KNX PB sens.3 Komfort 3-g 5133 00 → 435
 RF PB sens. 3-g 5103 00 → 457
 Gira eNet WL wall transm. 3-g in.sp. 5333 00 → 552



System 55

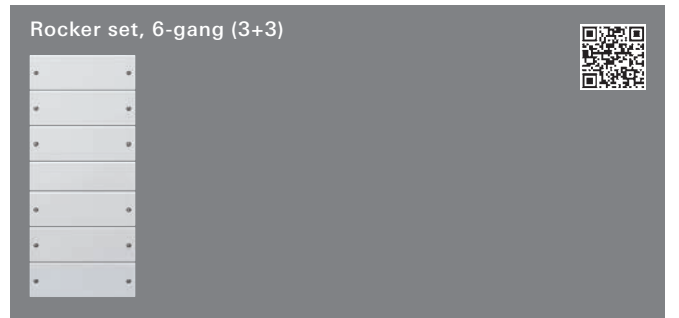
cream white glossy (lacquered)	2184 01	1	06
pure white glossy (lacquered)	2184 03	1	06
pure white matt (lacquered)	2184 27	1	06
anthracite (lacquered)	2184 28	1	06
colour aluminium (lacquered)	2184 26	1	06
N black matt (lacquered)	2184 005	1	06
stainless steel	2134 601	1	06
bronze	2134 605	1	06
brass	2134 606	1	06
chrome	2134 609	1	06

N Black matt. New product.

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2134 211 1 06

+ Necessary accessories
 KNX PB sens.3 Komfort 4-g (1+3) 5134 00 → 435

Specifications Order No. P. unit PS



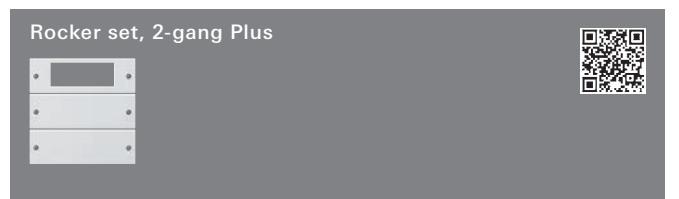
System 55

cream white glossy (lacquered)	2186 01	1	06
pure white glossy (lacquered)	2186 03	1	06
pure white matt (lacquered)	2186 27	1	06
anthracite (lacquered)	2186 28	1	06
colour aluminium (lacquered)	2186 26	1	06
N black matt (lacquered)	2186 005	1	06
stainless steel	2136 601	1	06
bronze	2136 605	1	06
brass	2136 606	1	06
chrome	2136 609	1	06

N Black matt. New product.

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2136 211 1 06

+ Necessary accessories
 KNX PB sens.3 Komfort 6-g (3+3) 5136 00 → 435



System 55

cream white glossy (lacquered)	2192 01	1	06
pure white glossy (lacquered)	2192 03	1	06
pure white matt (lacquered)	2192 27	1	06
anthracite (lacquered)	2192 28	1	06
colour aluminium (lacquered)	2192 26	1	06
N black matt (lacquered)	2192 005	1	06
stainless steel	2142 601	1	06
bronze	2142 605	1	06
brass	2142 606	1	06
chrome	2142 609	1	06

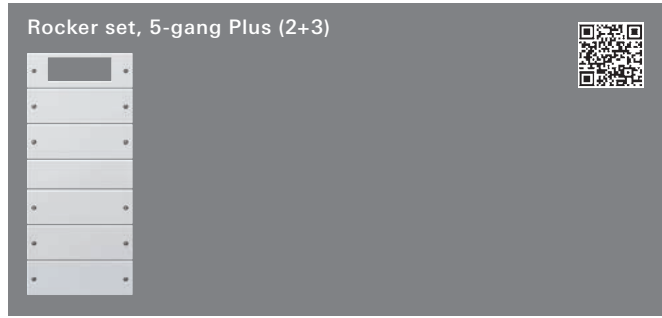
N Black matt. New product.

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2142 211 1 06

+ Necessary accessories
 KNX PB sens.3 Plus 2-g 5142 00 → 436

KNX operating devices

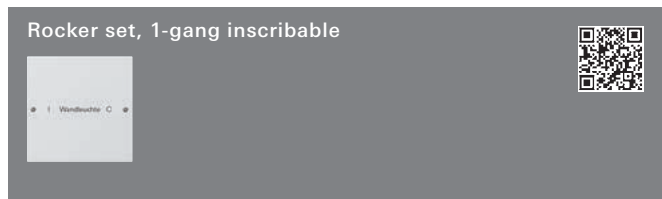
Specifications Order No. P. unit PS



System 55	Order No.	P. unit	PS
cream white glossy (lacquered)	2195 01	1	06
pure white glossy (lacquered)	2195 03	1	06
pure white matt (lacquered)	2195 27	1	06
anthracite (lacquered)	2195 28	1	06
colour aluminium (lacquered)	2195 26	1	06
N black matt (lacquered)	2195 005	1	06
stainless steel	2145 601	1	06
bronze	2145 605	1	06
brass	2145 606	1	06
chrome	2145 609	1	06
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2145 211 1 06

+ Necessary accessories
 KNX PB sens.3 Plus 5-g (2+3) 5145 00 → 436



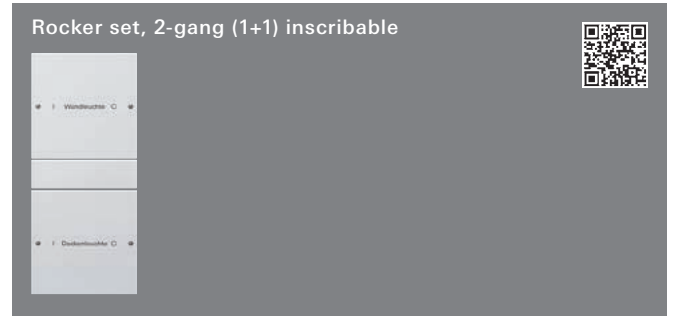
System 55	Order No.	P. unit	PS
cream white glossy (lacquered)	2201 01	1	07
pure white glossy (lacquered)	2201 03	1	07
pure white matt (lacquered)	2201 27	1	07
anthracite (lacquered)	2201 28	1	07
colour aluminium (lacquered)	2201 26	1	07
N black matt (lacquered)	2201 005	1	07
stainless steel	2131 602	1	07
bronze	2131 607	1	07
brass	2131 608	1	07
chrome	2131 610	1	07
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2131 213 1 07

+ Necessary accessories
 One of the following articles:
 KNX PB sens.3 Basis 1-g 5111 00 → 433
 KNX PB sens.3 Komfort 1-g 5131 00 → 434
 RF PB sens. 1-g 5101 00 → 457
 Gira eNet WL wall transm. 1-g in.sp. 5331 00 → 551

Notes
 - This product can **only** be ordered via the Gira Inscription Service.
 - Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Specifications Order No. P. unit PS

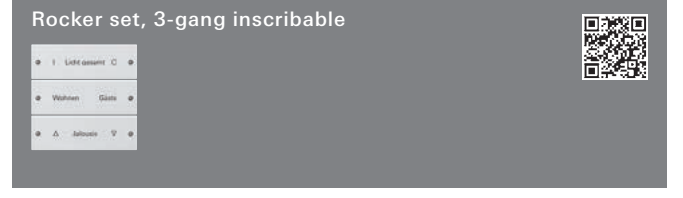


System 55	Order No.	P. unit	PS
cream white glossy (lacquered)	2202 01	1	07
pure white glossy (lacquered)	2202 03	1	07
pure white matt (lacquered)	2202 27	1	07
anthracite (lacquered)	2202 28	1	07
colour aluminium (lacquered)	2202 26	1	07
N black matt (lacquered)	2202 005	1	07
stainless steel	2132 602	1	07
bronze	2132 607	1	07
brass	2132 608	1	07
chrome	2132 610	1	07
N Black matt. New product.			

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2132 213 1 07

+ Necessary accessories
 One of the following articles:
 KNX PB sens.3 Basis 2-g (1+1) 5112 00 → 434
 KNX PB sens.3 Komfort 2-g (1+1) 5132 00 → 435

Notes
 - This product can **only** be ordered via the Gira Inscription Service.
 - Professional labelling with the Gira Inscription Service **www.marking.gira.com**.



System 55	Order No.	P. unit	PS
cream white glossy (lacquered)	2203 01	1	07
pure white glossy (lacquered)	2203 03	1	07
pure white matt (lacquered)	2203 27	1	07
anthracite (lacquered)	2203 28	1	07
colour aluminium (lacquered)	2203 26	1	07
N black matt (lacquered)	2203 005	1	07
stainless steel	2133 602	1	07
bronze	2133 607	1	07
brass	2133 608	1	07
chrome	2133 610	1	07
N Black matt. New product.			

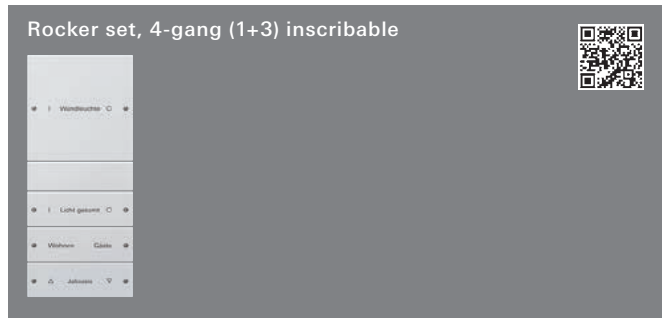
D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2133 213 1 07

+ Necessary accessories
 One of the following articles:
 KNX PB sens.3 Basis 3-g 5113 00 → 434
 KNX PB sens.3 Komfort 3-g 5133 00 → 435
 RF PB sens. 3-g 5103 00 → 457
 Gira eNet WL wall transm. 3-g in.sp. 5333 00 → 552

Notes
 - This product can **only** be ordered via the Gira Inscription Service.
 - Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

KNX operating devices

Specifications Order No. P. unit PS

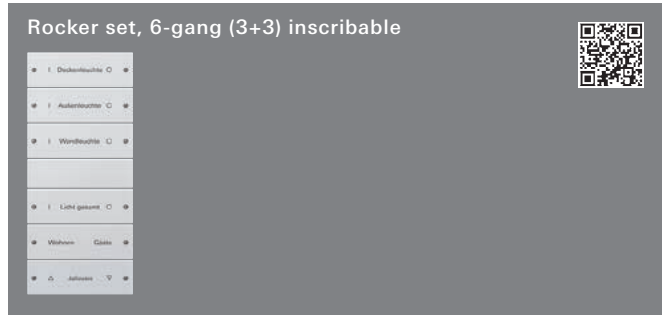


System 55				
cream white glossy (lacquered)	2204 01	1		07
pure white glossy (lacquered)	2204 03	1		07
pure white matt (lacquered)	2204 27	1		07
anthracite (lacquered)	2204 28	1		07
colour aluminium (lacquered)	2204 26	1		07
N black matt (lacquered)	2204 005	1		07
stainless steel	2134 602	1		06
bronze	2134 607	1		07
brass	2134 608	1		07
chrome	2134 610	1		07
N Black matt. New product.				

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2134 213 1 07

+ Necessary accessories
 KNX PB sens.3 Komfort 4-g (1+3) 5134 00 → 435

Notes
 - This product can **only** be ordered via the Gira Inscription Service.
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.



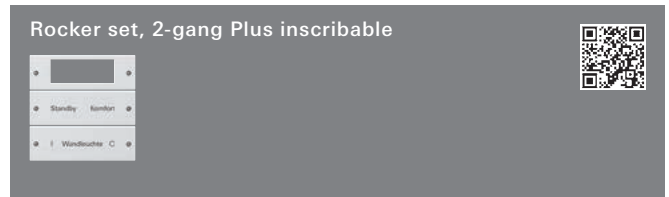
System 55				
cream white glossy (lacquered)	2206 01	1		07
pure white glossy (lacquered)	2206 03	1		07
pure white matt (lacquered)	2206 27	1		07
anthracite (lacquered)	2206 28	1		07
colour aluminium (lacquered)	2206 26	1		07
N black matt (lacquered)	2206 005	1		07
stainless steel	2136 602	1		07
bronze	2136 607	1		07
brass	2136 608	1		07
chrome	2136 610	1		07
N Black matt. New product.				

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2136 213 1 07

+ Necessary accessories
 KNX PB sens.3 Komfort 6-g (3+3) 5136 00 → 435

Notes
 - This product can **only** be ordered via the Gira Inscription Service.
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.

Specifications Order No. P. unit PS

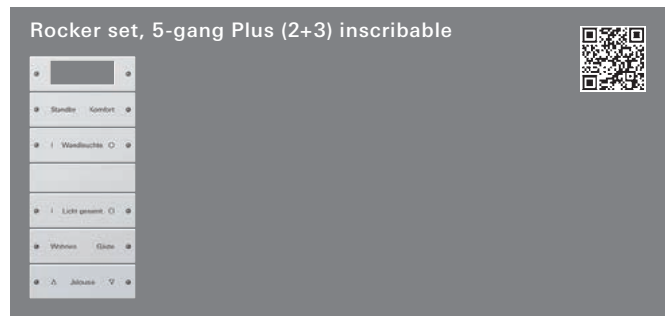


System 55				
cream white glossy (lacquered)	2212 01	1		07
pure white glossy (lacquered)	2212 03	1		07
pure white matt (lacquered)	2212 27	1		07
anthracite (lacquered)	2212 28	1		07
colour aluminium (lacquered)	2212 26	1		07
N black matt (lacquered)	2212 005	1		07
stainless steel	2142 602	1		07
bronze	2142 607	1		07
brass	2142 608	1		07
chrome	2142 610	1		07
N Black matt. New product.				

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2142 213 1 07

+ Necessary accessories
 KNX PB sens.3 Plus 2-g 5142 00 → 436

Notes
 - This product can **only** be ordered via the Gira Inscription Service.
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.



System 55				
cream white glossy (lacquered)	2215 01	1		07
pure white glossy (lacquered)	2215 03	1		07
pure white matt (lacquered)	2215 27	1		07
anthracite (lacquered)	2215 28	1		07
colour aluminium (lacquered)	2215 26	1		07
N black matt (lacquered)	2215 005	1		07
stainless steel	2145 602	1		07
bronze	2145 607	1		07
brass	2145 608	1		07
chrome	2145 610	1		07
N Black matt. New product.				

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 2145 213 1 07

+ Necessary accessories
 KNX PB sens.3 Plus 5-g (2+3) 5145 00 → 436

Notes
 - This product can **only** be ordered via the Gira Inscription Service.
 - Professional labelling with the Gira Inscription Service www.marking.gira.com.

KNX operating devices

Specifications	Order No.	P. unit	PS
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Flush-mounted bus coupler button

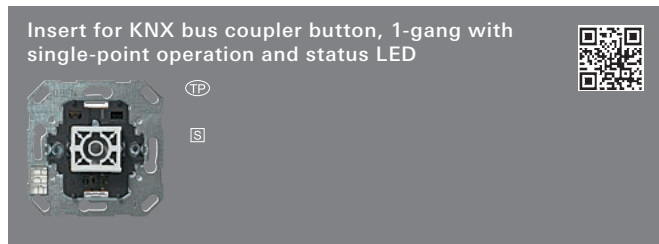
The bus coupler button is the interface between the KNX system and the user.

Technical data

KNX medium:	TP1-64
KNX connection:	Connection and junction terminal
Installation depth:	31 mm
Ambient temperature:	-5 °C to +45 °C

Notes

- Suitable for claw mounting.
- Please use System 55 adapter frame and cover for Gira TX_44 design line, IP20.
- Integration in the Gira F100 design line is **not** possible.



0181 00 1/5 06

+ Necessary accessories

Rockers can be found in the following design lines starting from Rocker **0296 ..**

- | | | |
|-----------------|---|-----|
| - System 55 | → | 53 |
| - E22 aluminium | → | 160 |

Features

- The 1-gang rockers of the flush-mounted design lines can be inserted on the bus coupler button, 1-gang with single-point operation (slanted rocker).
- When using the status LED, please use rockers with control window.
- The switching (pressing) functions can be realised with the bus coupler button, 1-gang with single-point operation.
- LED display for: permanent-on or permanent-off or status.

Notes

- Integration in Gira F100 **not** possible.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Insert for KNX bus coupler button, 1-gang with 2-point operation and status LED



0184 00 1/5 46

+ Necessary accessories

Rockers can be found in the following design lines starting from Rocker **0296 ..**

- | | | |
|-----------------|---|-----|
| - System 55 | → | 53 |
| - E22 aluminium | → | 160 |

Features

- The 1-gang rockers of the flush-mounted design lines can be inserted on the bus coupler button, 1-gang with two-point operation (upright rocker).
- When using the status LED, please use rockers with control window.
- The bus coupler button, 1-gang with two-point operation can be used to realise the functions switching (pressing), blind, dimming with stop telegram and dimming with cyclical transmission.
- LED display for: permanent-on or permanent-off or status, rocker up or status, rocker down or status LED invertible (orientation light).

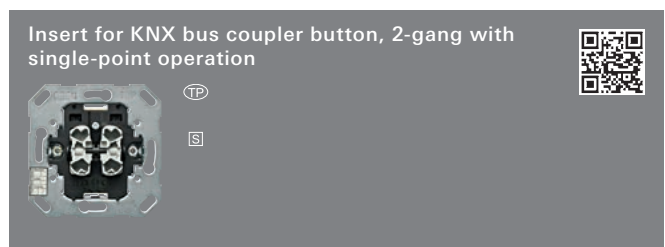
Notes

- Integration in Gira F100 **not** possible.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



0182 00 1/5 06

+ Necessary accessories

One of the following articles:

- Rocker 2-g **0295 ..**
- System 55 → 56
- E22 aluminium → 161
- Rocker 2-g arrow sym. **0294 ..** → 56

Features

- The rockers, 2-gang of the flush-mounted design lines can be inserted on the bus coupler button 2-gang with single-point operation (slanted rocker).
- The bus coupler button, 2-gang with single-point operation can be used to realise the functions switching (pressing), blind, dimming with stop telegram and dimming with cyclical transmission.

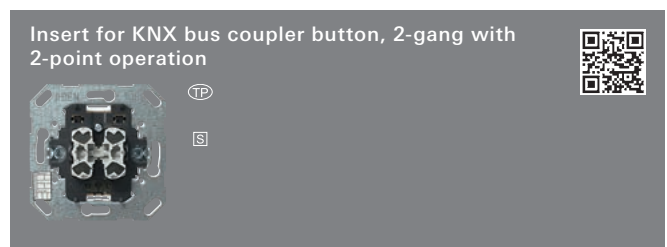
Notes

- Integration in Gira F100 **not** possible.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



0185 00 1/5 46

+ Necessary accessories

One of the following articles:

- Rocker 2-g **0295 ..**
- System 55 → 56
- E22 aluminium → 161
- Rocker 2-g arrow symbols **1150 ..** → 56

Features

- The rockers, 2-gang of the flush-mounted design lines can be inserted on the bus coupler button, 2-gang with two-point operation (upright rocker).
- The bus coupler button, 2-gang with two-point operation can be used to realise the functions switching (pressing), blind, dimming with stop telegram and dimming with cyclical transmission.

Notes

- Integration in Gira F100 **not** possible.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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Bus coupler button water-protected surface-mounted

The bus coupler button is the interface between the KNX system and the user.

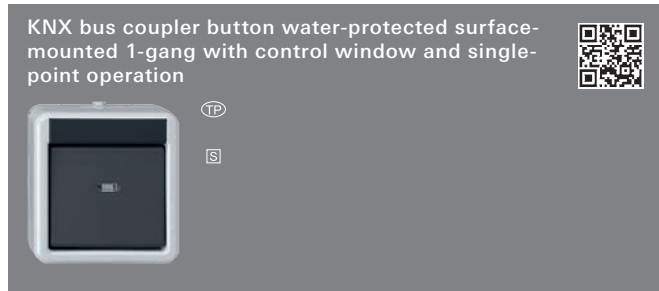
Features

Button function

- Switching, dimming, blind, value transmitter 1-byte, and scene auxiliary unit.
- Switching function: Command for pressing and releasing the buttons can be parameterised (ON, OFF, CHANGE, no reaction).
- Dimming function: Command for pressing the buttons can be parameterised (Brighter-ON, Darker-OFF, Brighter or Darker-CHANGE, Brighter-CHANGE, Darker-CHANGE, no reaction).
- Blind function: Command for pressing the buttons can be parameterised (UP, DOWN, no reaction).
- Value transmitter 1-byte function: Mode of operation can be configured.
- Scene auxiliary unit function: Mode of operation can be configured (with or without block function for pressing and holding a button).

Technical data

KNX medium:	TP1-256
KNX connection:	Connection and junction terminal
Protection type:	IP44
Protection class:	III
Ambient temperature:	-25 °C to +55 °C
Relative humidity:	5 to 93 % (no condensation)



grey	5151 30	1	06
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+ Optional accessories

In.sp. blank in.label f. sw. 0018 00	→	202
In.sheets 54.5 x 7 mm 1453 00	→	231

Features

- The rocker can only be operated on one side (bottom) during single-point operation (slanted rocker).
- Bus coupler button in the water-protected surface-mounted system (IP44).
- Functions of the status LED: Red LED can either be used as an orientation light, actuation display, or status display.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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KNX bus coupler button water-protected surface-mounted 2-gang with control window and single-point operation



grey	5152 30	1	06
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+ Optional accessories

In.sp. blank in.label f. sw. 0018 00	→	202
In.sheets 54.5 x 7 mm 1453 00	→	231

Features

- The rocker can be operated on both sides (e.g. top / bottom) during two-point operation (upright rocker).
- Bus coupler button in the water-protected surface-mounted system (IP44).
- Functions of the status LED: Red LED can either be used as an orientation light, actuation display, or status display.
- The rocker or button function operating concepts can be set.

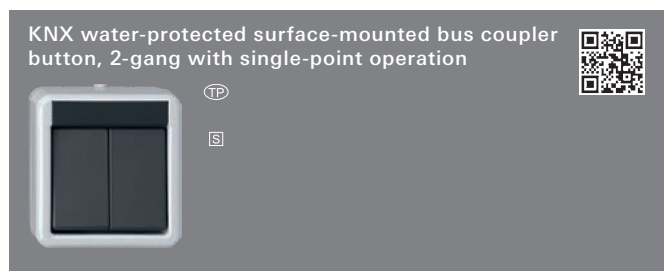
Rocker function

- Switching, dimming, and blind.
- Command for top and bottom rocker actuation can be parameterised (ON, OFF, CHANGE, no reaction).
- Command for top and bottom rocker actuation can be parameterised (Brighter-ON, Darker-OFF, Bright/darker-CHANGE, Brighter-CHANGE, Darker-CHANGE, no reaction).
- Command for rocker actuation can be parameterised (rocker top: UP / rocker bottom: DOWN, rocker top: DOWN / rocker bottom: UP).

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



grey 5161 30 1 06

+ Optional accessories

In.sp. blank in.label f. sw. **0018 00** → 202
 In.sheets 54.5 x 7 mm **1453 00** → 231

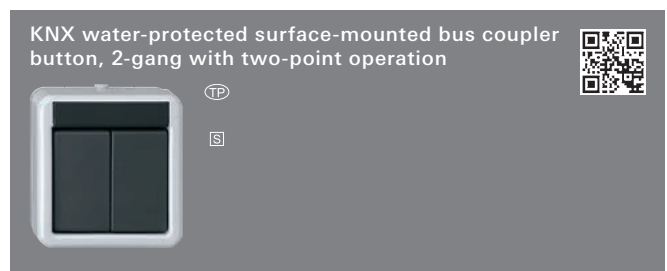
Features

- The rocker can only be operated on one side (bottom) during single-point operation (slanted rocker).
- Bus coupler button in the water-protected surface-mounted system (IP44).

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



grey 5162 30 1 06

+ Optional accessories

In.sp. blank in.label f. sw. **0018 00** → 202
 In.sheets 54.5 x 7 mm **1453 00** → 231

Features

- The rocker can be operated on both sides (e.g. top / bottom) during two-point operation (upright rocker).
- Bus coupler button in the water-protected surface-mounted system (IP44).
- The rocker or button function operating concepts can be set.

Rocker function

- Switching, dimming, and blind.
- Command for top and bottom rocker actuation can be parameterised (ON, OFF, CHANGE, no reaction).
- Command for top and bottom rocker actuation can be parameterised (Brighter-ON, Darker-OFF, Bright/darker-CHANGE, Brighter-CHANGE, Darker-CHANGE, no reaction).
- Command for rocker actuation can be parameterised (rocker top: UP / rocker bottom: DOWN, rocker top: DOWN / rocker bottom: UP).

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

Universal button interfaces

Flush-mounted binary inputs, can be used in deep device box (60 mm deep) behind a conventional switch/push button, for connection of zero-voltage contacts. The switching operations of zero-voltage contacts are converted into KNX telegrams. The inputs can be assigned various functions or blocked independently of each other in the process. The inputs can be parameterised as outputs (max. 2 mA).

Features

- Blocker for blocking individual inputs.
- Behaviour upon bus voltage recovery can be configured separately for each input.
- Telegram rate limit.
- Two independent switching objects are available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the switching object depending on the edge or depending on the object value can be selected.
- Single-surface and double-surface operation, time between dimming and switching, and dim-step size can be set, telegram repetition, and stop telegram transmission possible.
- Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set.

Value transmitter and light scene auxiliary unit function:

- edge (button as NO contact, button as NC contact, switch) and value with edge can be configured, value adjustment with button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible.

Temperature value transmitter and brightness value transmitter function:

- edge and value configurable, value adjustment with push button is possible by pressing and holding button.

Pulse counter function:

- edge for pulse counting and interval time for meter reading transfer can be configured, edge of the synchronisation signal for resetting the meter reading and switching telegram when synchronisation signal arrives can be set.

Function of switching counter:

- edge for counting the signals at the input and maximum meter reading selectable, increment for the counter reading output and telegram when the maximum meter reading is reached can be parameterised.

Function as switching output:

- Behaviour in case of bus failure and return, switch-on/off delay or time switch function, output clocking (flashing of an LED).

Technical data

KNX medium:	TP1-256		
Ambient temperature:	-5 °C to +45 °C		
Dimensions in mm	W 43	H 28	D 15

Specifications Order No. P. unit PS

KNX universal button interface, 2-gang



1118 00 1/5 06

+ Optional accessories

Rocker btn 4-g NO con. 1-p 0147 00	→	226
Junction box 0070 30	→	202

Features

- 2-gang flush-mounted binary input The two inputs can be assigned various functions or blocked independently of each other in the process. Both inputs can be configured as outputs (max. 2 mA).
- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs or pulse counters and switching counters.

Technical data

Number of inputs:	2
Connections	
- KNX:	Connection and junction terminal
- Input line:	3-wire cable set

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

KNX universal button interface, 4-gang



1119 00 1/5 06

+ Optional accessories

Rocker btn 4-g NO con. 1-p 0147 00	→	226
Junction box 0070 30	→	202

Features

- 4-gang flush-mounted binary input. The four inputs can be assigned various functions or blocked independently of each other in the process. Two of the four inputs can be parameterised as outputs (max. 2 mA).
- Free assignment of the functions switching, dimming, blind and value transmitter to inputs 1 through 4 or pulse counters and switch counters to inputs 1 and 2.

Technical data

Number of inputs:	4
Connections	
- KNX:	Connection and junction terminal
- Input line:	5-wire cable set

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

Continuous Controller and Object Controller with button interface, 4-gang

The flush-mounted continuous controllers and the object controllers combine the functions of a KNX bus coupler, a single-room temperature controller with specified setpoint value, and a binary input.

Features

- Four zero-voltage contacts can be connected to the binary input.
- Input 1 can be used to connect a remote sensor for the temperature measurement in the floor.
- Two inputs can be configured as outputs (max. 0.8 mA)
- The control function is used for single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable temperature setpoint value. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here.

Controller

- 5 operating modes: Komfort, standby, night, frost or heat protection, and controller lock-out (e.g. dew-point mode).
- Heating/cooling functions: Heating, cooling, heating and cooling, basic and additional heating, basic and additional cooling.
- Preset control parameters for common radiators or cooling units.
- Controller deactivatable (dewpoint operation) or controller or operation of the controller can be blocked.
- Valve protection function (valve is opened cyclically every 24 hours).
- Control types: Continuous PI control, switching PI control (PWM), and switching 2-point control (on/off)
- Temperature detection via an internal and/or external sensor (average value calculation for large areas).

Inputs

- Free assignment of the functions switching, dimming, blind and value transmitter to the inputs.
- Blocker for blocking individual inputs.
- Behaviour upon bus voltage recovery can be configured separately for each input.
- Telegram rate limit.
- Switching function: two independent switching objects are available for each existing input and can be enabled individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction).
- Dimming function: single-surface and double-surface operation, time between dimming and switching, and dim-step size can be set, telegram repetition and stop telegram transmission possible.
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set.
- Value transmitter and light scene auxiliary unit function: edge (button as NO contact, button as NC contact, switch) and value with edge can be configured, value adjustment by pressing and holding a button for value transmitters possible, light scene auxiliary unit with/without memory function.
- Temperature sensor function: One channel of the button interface can be used as an external temperature sensor for the room temperature controller.

Outputs

- Independent switching of a maximum of 2 outputs.

Technical data

KNX medium:	TP1-256
Ambient temperature:	-5 °C to +45 °C
Cable length	
- Inputs and outputs:	max. 5 m
- Temperature sensor:	max. 50 m

Notes

- No separate bus coupler is required.
- The use of a switch terminal box for connection of the external inputs is recommended.

Specifications Order No. P. unit PS

KNX continuous controller with button interface, 4-gang

System 55

cream white glossy	2100 01	1	06
pure white glossy	2100 03	1/100	06
pure white matt	2100 27	1/100	06
anthracite	2100 28	1	06
colour aluminium	2100 26	1/100	06
N black matt	2100 005	1	06
stainless steel	2100 600	1	06

N Black matt. New product.

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

aluminium	2100 203	1	06
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+ Optional accessories

Remote sens. 1493 00	→	450
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Features

- The temperature setpoint is shifted with the adjustment dial.
- A presence button is used to switch between Comfort and Stand-by mode.
- The current states are indicated on the continuous controller with LEDs.

Technical data

Installation depth:	23 mm
Connections	
- J-Y(St)Y:	2 × 2 × 0.8 mm ²

KNX object controller with button interface, 4-gang

System 55

cream white glossy	2101 01	1	06
pure white glossy	2101 03	1/100	06
pure white matt	2101 27	1	06
anthracite	2101 28	1	06
colour aluminium	2101 26	1	06
N black matt	2101 005	1	06
stainless steel	2101 600	1	06

N Black matt. New product.

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

aluminium	2101 203	1	06
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+ Optional accessories

Remote sens. 1493 00	→	450
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Technical data

Installation depth:	23 mm
Connections	
- J-Y(St)Y:	2 × 2 × 0.8 mm ²

Notes

- The object controller has no operating or display elements.

Specifications	Order No.	P. unit	PS
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CO₂ Sensor with humidity and room temperature controller

CO₂-sensor with an integrated KNX bus coupler and two binary inputs for measuring the concentration of carbon dioxide, relative humidity, and room temperature.



System 55

cream white glossy	2104 01	1	06
pure white glossy	2104 03	1/100	06
pure white matt	2104 27	1	06
anthracite	2104 28	1	06
colour aluminium	2104 26	1	06
N black matt	2104 005	1	06
stainless steel	2104 600	1	06
N Black matt. New product.			

Features

- Limit value monitoring for CO₂ concentration and humidity
- Dewpoint alert e.g. for cooling ceilings and winter gardens to prevent possible mould growth.
- Two binary inputs for connecting zero-voltage contacts.
- Logic gates for easy linking functions.

Sensor

- Up to four different limits can be set for the CO₂-sensor.
- Adaptation to current sea level above NN.
- Up to two limits can be set for the humidity sensor.

Controller

- 5 operating modes: Komfort, standby, night, frost or heat protection, and controller lock-out (e.g. dew-point mode).
- Heating/cooling functions: Heating, cooling, heating and cooling, basic and additional heating, basic and additional cooling.
- Preset control parameters for common radiators or cooling units.
- Controller deactivatable (dewpoint operation) or controller or operation of the controller can be blocked.
- Valve protection function (valve is opened cyclically every 24 hours).
- Control types: continuous PI control, switching PI control (PWM), and switching 2-point control (on/off).

Inputs

- Free assignment of the functions switching, dimming, blind and value transmitter to the inputs.
- Blocker for blocking individual inputs.
- Behaviour can be configured following bus voltage recovery.
- Telegram rate limit.
- Switching function: two independent switching objects are available for each existing input and can be enabled individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction).
- Dimming function: single-surface and double-surface operation, time between dimming and switching, and dim-step size can be set, telegram repetition and stop telegram transmission possible.
- Blind function: command can be set with rising edge (no function, UP, DOWN, SW), operating concept can be parameterised, time between short and long-term operation adjustable, slat adjustment time adjustable.
- Value transmitter and light scene auxiliary unit function: edge (button as NO contact, button as NC contact, switch) and value with edge can be configured, value adjustment by pressing and holding a button for value transmitters possible, light scene auxiliary unit with/without memory function.

Specifications	Order No.	P. unit	PS
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Technical data

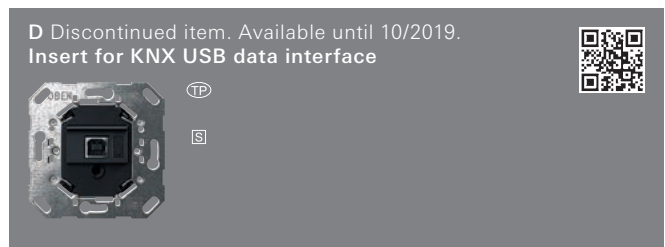
KNX medium:	TP1-64
Measurement range	
- CO ₂ concentration:	0 to 2000 ppm
- Humidity:	10 to 95% rel. humidity
Cable length, inputs:	max. 5 m
Protection class:	III
Connections	
- maximum:	2.5 mm ²
Installation depth:	23 mm
Ambient temperature:	0 °C to +45 °C

Notes

- The CO₂-sensor does not have any operating or display elements.
- The use of a switch terminal box for connection of the external inputs is recommended.
- A separate bus coupler is not required to operate the CO₂-sensor.

Specifications Order No. P. unit PS

Data interface



D Flush-mounted **1070 00** 1/5 06
D Discontinued item. Available until 10/2019.

+ Necessary accessories
One of the following articles:

- Cov. TAE USB **0276 ..**
 - System 55 → 80
 - E22 aluminium → 182
 Cov. in.sp. TAE USB **0876 ..**
 - System 55 → 80
 - E22 aluminium → 182

+ Optional accessories
USB conn.cab. **0903 00** → 450

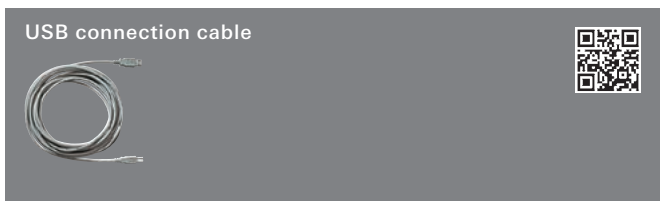
- Features**
 - USB data interface with integrated bus coupler.
 - The data interface enables the coupling of a PC for the addressing, programming, and diagnosis of KNX components.

Technical data
 KNX medium: TP1-256
 Connections
 - KNX: Connection and junction terminal
 - USB: Pin jack, type B
 Transfer protocol: compatible with USB 1.1/2.0
 Installation depth: 33 mm.
 Ambient temperature: -5 °C to +45 °C

Scope of supply
 - KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

Accessories



0903 00 1 06

+ Optional accessories
USB data I/F FM **1070 00** → 450

- Features**
 - USB connection cable for connecting the flush-mounted or DRA USB data interface to the PC.
 - Plug type A-B.

Technical data
 Connection cable
 - Length: 3 m



black **1493 00** 1 02

+ Necessary accessories
 One of the following articles:
 Bus coup.3 external sens. **2009 00** → 432
 KNX contin.cont. btn I/F 4-g **2100 ..** → 448
 KNX object cont. btn I/F 4-g **2101 ..** → 448

- Features**
 - Remote sensor with 4 m supply cable (2 x 0.5 mm²), can be extended to 50 m.
 - Sensor in plastic cap with 7.8 mm diameter and 20 mm length.

Notes
 - Install remote sensor in empty tube in the floor.

More information
 Technical information → i 598



Second support ring **1127 00** 5/25 06

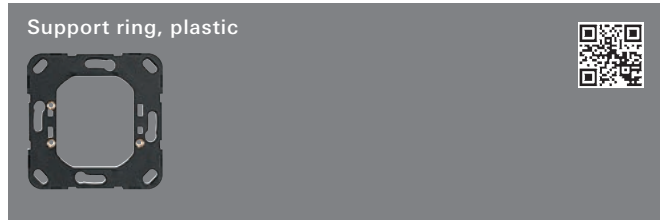
+ Optional accessories
 KNX PB sens.3 Basis 2-g (1+1) **5112 00** → 434
 KNX PB sens.3 Komfort 2-g (1+1) **5132 00** → 435
 KNX PB sens.3 Komfort 4-g (1+3) **5134 00** → 435
 KNX PB sens.3 Komfort 6-g (3+3) **5136 00** → 435
 KNX PB sens.3 Plus 5-g (2+3) **5145 00** → 436

- Features**
 - For fastening pushbutton sensor 3 to device boxes.

Scope of supply
 - Including mounting screws.

KNX operating devices

Specifications Order No. P. unit PS



5338 00 1/5 06

+ Optional accessories

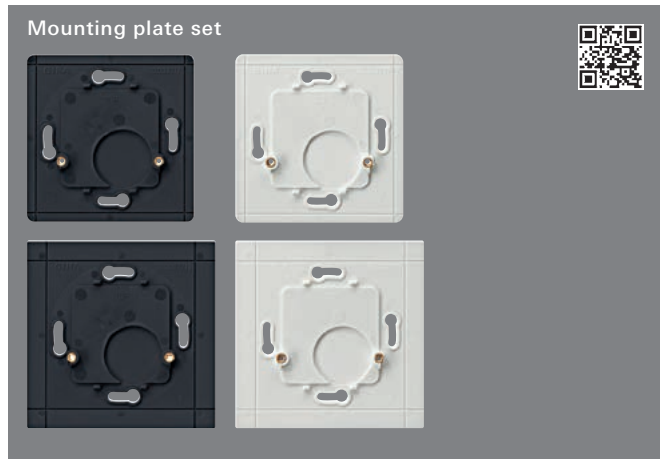
- RF PB sens. 1-g **5101 00** → 457
- RF PB sens. 3-g **5103 00** → 457
- ZigBee® Light Link WL wall transm. in.sp. **2430 100** → 570
- Gira eNet WL wall transm. 1-g in.sp. **5331 ..** → 551
- Gira eNet WL wall transm. 3-g in.sp. **5333 ..** → 552

Features

- For attaching eNet wireless wall transmitters, KNX RF pushbutton sensors and ZigBee Light Link wireless wall transmitters to device boxes.

Scope of supply

- Including mounting screws.



System 55, Gira E22
Four plates 5339 00 1 42

+ Necessary accessories

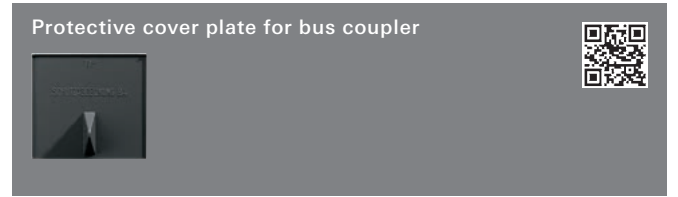
One of the following articles:

- RF PB sens. 1-g **5101 00** → 457
- RF PB sens. 3-g **5103 00** → 457
- Gira eNet WL wall transm. 1-g in.sp. **5331 ..** → 551
- Gira eNet WL wall transm. 3-g in.sp. **5333 ..** → 552
- ZigBee® Light Link WL wall transm. in.sp. **2430 100** → 570

Features

- Mounting plate set for cover frame for System 55 and Gira E22.
- The mounting plates serve as adapter plates for attaching the wireless wall transmitters to smooth or transparent surfaces, e.g. glass panes.
- The mounting plate allows for a clean-looking closure on the back of the surface.
- Can be broken off, and thus also suitable for multiple combinations or for mounting on device boxes.

Specifications Order No. P. unit PS



black 0015 01 5 06

+ Optional accessories

- Bus coup.3 **2008 00** → 432
- Bus coup.3 external sens. **2009 00** → 432

Features

- Cover plate for protecting the bus coupler to prevent soiling.
- The protective cover plate is used, for example, when the devices are already installed prior to papering or painting the walls.
- The protective cover plate is simply pushed onto the insert.

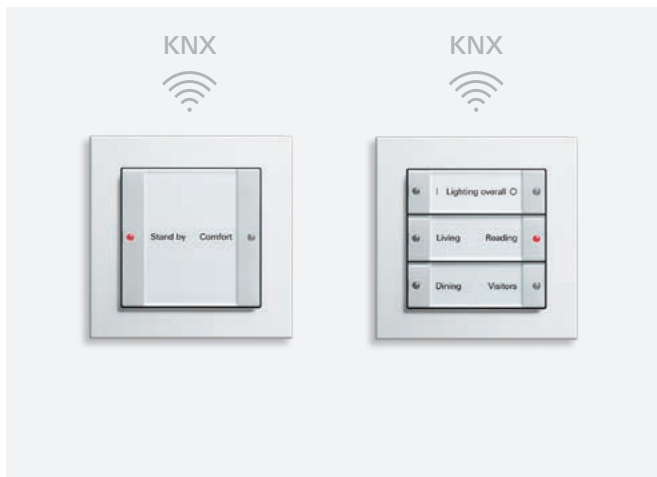
KNX RF system description 456
KNX RF pushbutton sensors 456
KNX RF hand-held transmitter 457
KNX RF system devices 458



KNX RF

Convenient wireless control of building technology with Gira KNX RF

With Gira KNX RF, the operating comfort of building management systems can be easily increased in buildings with an existing KNX system. "KNX RF" stands for "KNX Radio Frequency", i. e. KNX via wireless signal. With little time or effort and without noise and dust, new options for controlling lights, blinds, ambiances, etc. can now be installed in the home by wireless command. In a renovated old building or in a completely new one, operating stations can be created where there is no option for or desire to lay lines or mount switches. Gira KNX RF uses the universal KNX standard "KNX RF1.R S-Mode". All KNX products available on the market can be integrated in the system. Hand-held transmitters and pushbutton sensors are available for operation.



Gira KNX RF pushbutton sensors

The Gira KNX RF pushbutton sensors are battery operated so that the operating points can be mounted in any location and easily moved if necessary, and not just for mounting on walls made of stone, concrete or wood. Using an additional mounting plate, the Gira KNX RF pushbutton sensors can also be easily attached to smooth and even transparent surfaces like glass doors, window panes or furniture surfaces.



Gira KNX RF hand-held transmitter

The Gira KNX RF hand-held transmitters permit convenient operation of the building control from your desk or sofa. Several lights can also be controlled simultaneously or integrated into light scenes via the Gira KNX RF operating devices.



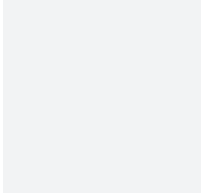
Gira KNX RF/ TP media coupler or RF repeater

The Gira KNX RF/TP media coupler is used to establish a link with the KNX TP system ("TP" stands for "Twisted Pair", i. e. components that communicate via the green bus cable). This means that there is no need for a complex and expensive gateway that has to be separately programmed with its own software. All devices can be directly set up via the ETS 5 in the same way as wired KNX products. If in some cases the wireless signal range is not sufficient due to difficult architectural conditions, the Gira KNX RF/TP media coupler can be used in its additional "repeater mode" to increase the range.



Access to the entire KNX system via the KNX RF data interface (USB stick)

The complete KNX system, including the KNX TP products, can also be put into operation and maintained via wireless signal using the Gira KNX RF data interface (USB stick). The data interface permits convenient wireless access to a KNX installation from a PC or laptop, for addressing, programming or diagnosing via ETS 5 or for operation with the respective PC tools. Communication between the PC and the KNX system is established via wireless signal (a Gira KNX RF/TP media coupler or RF repeater in the system is required for this).



System description
→ 456



KNX RF pushbutton
sensors
→ 456



KNX RF hand-held
transmitter
→ 457



KNX RF system
devices
→ 458

Specifications	Order No.	P. unit	PS
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KNX RF system description

The Gira KNX RF system (RF = radio frequency) is based on a manufacturer-independent KNX wireless standard (868 MHz), which can easily be retrofitted to existing KNX systems or used to expand new installations with RF components. Mobile hand-held transmitters allow comfortable operation of the intelligent KNX building functions by remote control. KNX RF pushbutton sensors can be mounted anywhere an operating point is required, be it on stone walls, concrete, wood or glass or on the surface of furniture. KNX RF devices can be connected to wired KNX installations using media couplers. In addition, or alternatively, suitable KNX RF actuators can be controlled directly by KNX RF transmitters. While KNX TP devices (TP = twisted pair (green bus line)) are positioned where there are lines, KNX RF pushbutton sensors and hand-held transmitters can be mounted independently of lines, as these RF transmitters by Gira are battery operated. KNX RF components have a transmitter and receiver component and as a result are bidirectional. This means, for example, that it is also possible to implement status displays on the RF operating points in addition to the operating function, or to enable status feedback for actuators. KNX RF components can be started up directly via ETS Version 5 or higher. No additional software or gateway is required. KNX RF devices are connected directly to a TP system using a KNX RF/TP media coupler. This is compulsory and must comply with the KNX RF1.R (S mode) standard - just like the Gira KNX RF devices themselves. Devices from other manufacturers which also comply with the KNX RF1.R (S mode) standard are compatible with each other. Often the same KNX RF system is used under different names or product descriptions simply for marketing reasons. The following descriptions, including in combination, generally identify products for the same KNX standard.

KNX RF1.R S mode

KNX RF Ready S mode

KNX RF+

Specifications	Order No.	P. unit	PS
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KNX RF pushbutton sensors

The KNX RF pushbutton sensors transmit KNX telegrams wirelessly when the button is pressed, depending on the parameter settings when the application program is loaded. These could be e.g. telegrams for switching/pressing, for dimming or blind control. It is also possible to program encoder functions (dimming encoders and scene auxiliary units).

Features

- Confirmation function as well as transmit and status display via two-colour LED (red/green) separately for each button by 2-stage display function.
- Optional status display by separate 1-bit status communication objects.
- Transmit and confirmation display deactivatable.
- The pushbutton sensor can be attached to walls using screws or affixed to smooth or transparent surfaces using a mounting plate.
- Project planning, start-up and parameter setting are performed using ETS (version 5 or later).
- Battery-operated device.

"Switching" function

- Rocker or button function.
- Command for pressing and releasing can be parameterised (ON, OFF, CHANGE, no reaction).

"Dimming" function

- Rocker function.
- Command when the rocker is pressed (right and left button) can be set in the parameters (lighter - ON, darker - OFF).

"Blind" function

- Rocker function.
- Command when the rocker is pressed (right and left button) can be set in the parameters (ON, OFF, CHANGE).
- Time between short and long-term command can be set in the parameters.

"Value transmitter" and "Scene auxiliary unit" functions

- Rocker function.
- Command when the rocker is pressed (right and left button) can be set in the parameters (values 0 to 255, 0 to 100% or scene number).
- With scene auxiliary unit: Memory function possible.

Technical data

KNX medium:	RF1.R
Start-up mode:	S mode
Rated voltage:	DC 3 V
Batteries:	1 x CR 2450N
Ambient temperature:	-5 °C to +45 °C
Wireless frequency:	868.3 MHz
Transmission power:	max. 20 mW
Range (free field):	approx. 100 m

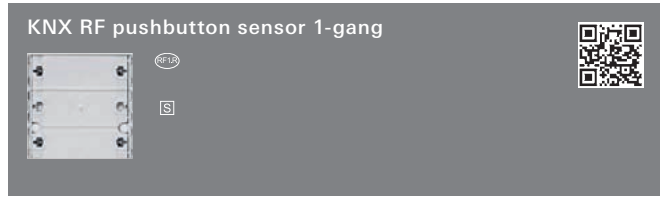
Notes

- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.
- The pushbutton sensor is supplied with a program-neutral start-up rocker. The suitable rocker set for the design line must be ordered separately.
- The range can be reduced when using rocker sets and/or cover frames.

Scope of supply

- Batteries are included in the scope of supply.

Specifications Order No. P. unit PS



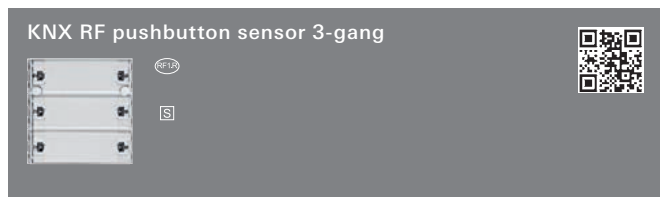
System 55 / Gira E22
Start-up rocker **5101 00** 1/5 06

+ Necessary accessories

One of the following articles:
Rocker set 1-g in.sp. **2131 ..** → 437
Rocker set 1-g **2181 ..** → 439
Rocker set 1-g inscr. **2201 ..** → 441

+ Optional accessories

Mount.pl.set **5339 00** → 451
Supp. ring plastic **5338 00** → 451



System 55 / Gira E22
Start-up rocker **5103 00** 1/5 06

+ Necessary accessories

One of the following articles:
Rocker set 3-g in.sp. **2133 ..** → 437
Rocker set 3-g **2183 ..** → 439
Rocker set 3-g inscr. **2203 ..** → 441

+ Optional accessories

Mount.pl.set **5339 00** → 451
Supp. ring plastic **5338 00** → 451

Specifications Order No. P. unit PS

KNX RF hand-held transmitter

KNX RF hand-held transmitters make the controller "mobile": From any point in the house, the required KNX function can be triggered conveniently by "remote control". The KNX RF hand-held transmitters transmit KNX telegrams wirelessly when the button is pressed, depending on the parameter setting when the application program is loaded. These could include telegrams for switching/pressing, dimming, or blind control. It is also possible to program encoder functions (dimming encoders and scene auxiliary units).

Features

- Confirmation function as well as transmit and status display via two-colour LED (red/green) separately for each button by 2-stage display function.
- Optional status display by separate 1-bit status communication objects.
- Transmit and confirmation display deactivatable.
- Project planning, start-up and parameter setting are performed using ETS (version 5 or later).
- Battery-operated device.

"Switching" function

- Rocker or button function.
- Command for pressing and releasing can be parameterised (ON, OFF, CHANGE, no reaction).

"Dimming" function

- Rocker function.
- Command when the rocker is pressed (right and left button) can be set in the parameters (lighter - ON, darker - OFF).

"Blind" function

- Rocker function.
- Command when the rocker is pressed (right and left button) can be set in the parameters (ON, OFF, CHANGE).
- Time between short and long-term command can be set in the parameters.

"Value transmitter" and "Scene auxiliary unit" functions

- Rocker function.
- Command when the rocker is pressed (right and left button) can be set in the parameters (values 0 to 255, 0 to 100% or scene number).
- With scene auxiliary unit: Memory function possible.

Technical data

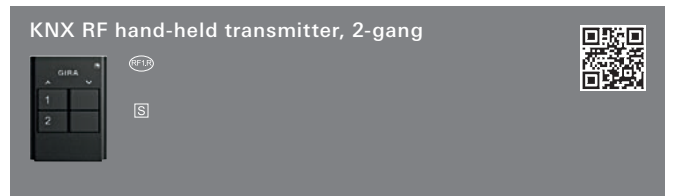
KNX medium: RF1.R
Start-up mode: S mode
Rated voltage: DC 3 V
Batteries: 1 x CR 2450N
Ambient temperature: -5 °C to +45 °C
Wireless frequency: 868.3 MHz
Transmission power: max. 20 mW
Range (free field): approx. 100 m

Notes

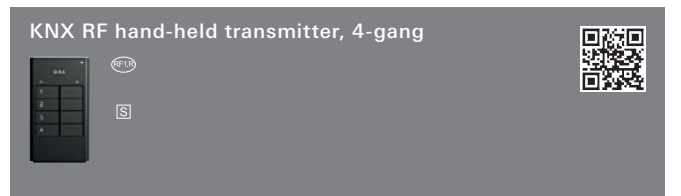
- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.

Scope of supply

- Battery is included in the scope of supply.



anthracite **5122 00** 1 06



anthracite **5124 00** 1 06

Specifications	Order No.	P. unit	PS
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KNX RF system devices

With the KNX RF system devices, the KNX RF pushbutton sensors and KNX RF hand-held transmitters are incorporated and parameterised in the KNX structure via the ETS.



USB stick	5120 00	1	06
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Features

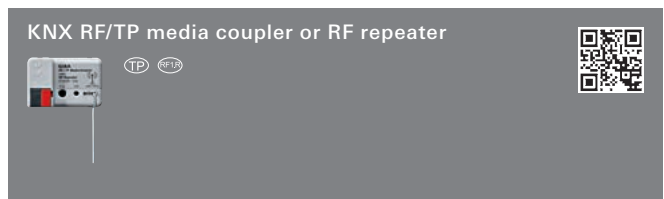
- The device is used as an interface for wireless communication between PC and KNX system via KNX RF (radiofrequency).
- The connection to the computer is made using a USB slot (USB 2.0 type A).
- Using the USB stick, it is possible to carry out the addressing, programming and diagnosis of the KNX devices with the commissioning software from version ETS5 and later.

Technical data

KNX medium:	RF1.R
Start-up mode:	S mode
Power supply:	DC 5 V via USB slot
USB version:	2.0 or higher
USB connection:	Type A
Ambient temperature:	-5 °C to +45 °C
Relative humidity:	Max. 80% (no condensation)
Wireless frequency:	868.3 MHz
Transmission power:	max. 20 mW
Range (free field):	approx. 100 m

Notes

- Suitable for PC or laptop with Windows operating system.
- Automatic installation of PC communication via HID profile.



DRA plus	5110 00	1/5	06
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Features

- Interface between wired KNX products (TP) and KNX RF wireless products.
- Configurable as a media coupler or repeater via the ETS.
- Project planning, start-up and parameter setting are performed using ETS (version 5 or later).

Technical data

KNX medium:	RF1.R
Start-up mode:	S mode
Rated voltage:	
Ambient temperature:	-5 °C to +45 °C
Wireless frequency:	868.3 MHz
Transmission power:	max. 20 mW
Range (free field):	approx. 100 m

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Design awards

German Design Award 2015, iF DesignAward 2015, Design Plus powered by I+b 2014, ICONIC Award Winner 2014, Plus X Award 2014, Products of the Year, winner in the building technology category, elektroboerse-smarthouse.de, GoodDesign Award, The Chicago Athenaeum: Museum of Architecture and Design, The European Centre for Architecture ArtDesign and Urban Studies.
 Gira Interface: ADC Wettbewerb 2015, Red Dot Award Communication Design 2014.

Product design, Interfacedesign
 schmitz Visuelle Kommunikation



Gira G1

The multi-talent for building technology

From lighting and blind control and setting the room temperature to online weather forecast and door communication – the Gira G1 is the all-in-one intelligent user interface for building technology. Numerous functions can be conveniently operated by swiping or touching the bright, multi-touch display. In combination with the Gira DCS IP gateway, the Gira G1 can also be used as a home station for door communication. The Gira G1 can be installed on a single flush-mounted box like a normal switch and is equally suitable for modernisation, retrofitting and new buildings.



Building technology in 9 × 16 cm

Lighting and blinds, room temperature, online weather forecast, door communication – with Gira G1, building technology functions can be controlled intuitively. The desired function is called up and available for operation with just a touch, gesture-like swipe or placing your hand on the surface.



The interface between the hand and the system

The bright, 15.25 cm [6"] TFT colour display with a resolution of 480 × 800 pixels and 155 ppi renders an extremely clear representation of images, graphics and text. The colour display remains clear from all viewing angles, making the body height of the user irrelevant for its operation.



High-quality materials

Selected materials underline the high-quality design of the Gira G1. The continuous front panel is made of scratch-resistant 1 mm special glass. Thanks to its precision bonding, the panel forms a single unit with the housing. The high-quality metal frame gives the Gira G1 an attractive appearance, even from the side.



Sensitive reaction

The proximity sensor detects when someone approaches the Gira G1 and switches the display on automatically. If the Gira G1 is not being used, the display is switched off.



Connection via LAN or WLAN

All functions are implemented via IP. The Gira G1 is connected via a LAN cable or wirelessly via WLAN and a suitable interface (KNX IP router and/or Gira DCS IP Gateway) to the building technology, as the situation in the building requires.



Easy installation, easy handling

Installation is extremely simple. The Gira G1 can be installed in a conventional device box.



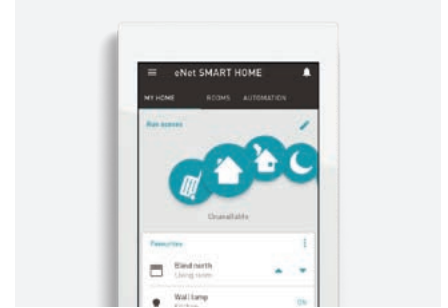
Gira G1 as X1 client

Together with the Gira X1, the Gira G1 can now also be used as an X1 client. Lights and shading, heaters and fans, scene and music control, integration of network cameras – start everything up quickly and easily using the Gira Project Assistant (GPA). Integrating additional Gira systems such as door communication, the Gira Alarm security system Connect or online weather forecasts.



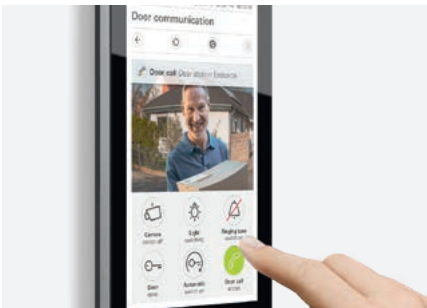
Gira G1 as HomeServer client

Control centre for all KNX-based building technology components: the Gira HomeServer. Command centre: the Gira G1. The next step follows naturally – using the Gira G1 as a client for a Gira HomeServer or Gira FacilityServer. With the first release, the Gira G1 will from now on display the Gira HomeServer interface design. Supports almost the entire scope of functions included with the Gira HomeServer. Further releases adding more functions are set to follow.



Gira G1 as eNet SMART HOME client

Use the Gira G1 to operate all areas of the personal eNet SMART HOME system when at home. The intelligent command centre gives you intuitive access to all functions. A pioneering but discreet design merges the Gira G1 eNet SMART HOME client smoothly into any interior.



Gira G1 as a home station

The Gira G1 is the intelligent central operating unit for the entire building technology. All functions can be conveniently operated by touching or gesturing at the bright multi-touch display. In conjunction with the Gira DCS IP gateway, the Gira G1 can also be used as a home station.

Specifications	Order No.	P. unit	PS
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Gira G1

The Gira G1 is a multi-functional room operating device for visualising and operating a variety of building functions. For use in the KNX system and Gira door communication system, or as client. The respective range of functions depends on the firmware used.

When used as a client, the KNX room operating device features are not available. **For details on the exact scope of functions, please refer to the Gira online catalogue and the device's technical documentation.**

Features

- Operation is via a gesture-capable multi-touch display.
- Connection and communication are via LAN or WLAN, depending on the variant.
- Integrated speaker.
- Integrated microphone with echo compensation.

Potential applications and combinations

- As a multi-functional room operating device, the Gira G1 offers the following functions and function combinations:
- KNX room operating device
- Home station video
- Integrates Internet services or as client for the following systems/ servers – HomeServer – eNet – X1 – Alarm Connect security system

Properties as a KNX room operating device

- Intuitive user interface that can be adapted by the end user.
- Switching and dimming (relative and absolute), dimming (incl. Dimming RGB, RGBW, and Tunable White), blind and roller shutter control, value transmitter, and scene auxiliary unit.
- Status display, display of date and time, display of indoor and outdoor temperature.
- Up to 150 functions (six function folders or rooms with up to 25 functions each).
- Up to 125 seven-day timer with 10 switching times each.
- Room temperature controller in combination with the temperature sensor module (available as an optional extra), or KNX devices for room temperature measurement, e.g. touch sensor 3 Komfort.
- Operating modes: Comfort, standby, night, and frost or heat protection with their own temperature setpoint values (for heating and/or cooling).
- Operating modes can be adapted individually.
- A heating clock as seven-day timer with 28 switching times.
- Room temperature controller auxiliary unit for controlling air conditioning systems (fan coil) in conjunction with a KNX gateway for air conditioning systems.

Properties as video home station

- Camera changeover: specific selection of connected colour cameras.
- Control of the door opener.
- Switching the ringtone on and off.
- Ring tone can be selected from a choice of 10 melodies.
- Internal calls.

Integration of Internet services

- Gira weather service: display of the weather forecast for up to five cities (internet connection required).

Gira G1 can also be used as a client for the following systems/ servers (requires firmware update):

- HomeServer Client
- eNet Client
- X1 Client

Specifications	Order No.	P. unit	PS
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Technical data

Power consumption

- Maximum: 7 W
- Typical: 4 W
- Minimum: 2 W

Display

- Type: TFT
- Size: 15.3 cm (6")
- Number of colours: 16.7 M
- Resolution: 480 x 800 px (WVGA), 155 ppi
- Brightness: 350 cd/m²
- Contrast ratio: 1:500
- Viewing angle: > 80° all around

Proximity sensor

- Range: max. 50 cm
- Detection range: 30° horizontal, 30° vertical

KNX medium:

KNX standards

- DPTs value transmitter: 5.010, 6.010, 5.001, 5.004, 7.001, 8.001, 9.xxx, 12.001, 13.001, 14.xxx

Protection type:

- Ambient temperature: 0 °C to +45 °C

Dimensions in mm

- | Device | W | H | D |
|--|------|--------|------|
| - Gira G1 (incl. flush-mounted power supply unit): | W 97 | H 168 | D 47 |
| - Gira G1 (without flush-mounted power supply unit): | W 97 | H 168 | D 15 |
| - Mounting height: | W - | H 1500 | D - |

Notes

- Suitable for indoor use only.
- Recommended mounting height: 150 cm above floor.
- Installation is performed on a deep device box (an electronics box is recommended for a LAN connection).
- Communication with the KNX installation is exclusively via the KNXnet/IP standard.
- A KNX IP router must be used to connect the Gira G1 PoE to the KNX installation. Several Gira G1 units can be operated on one KNX IP router.
- In order to ensure reliable communication via WLAN, a Gira KNX IP router (firmware version 3 and later) is required to connect the Gira G1 230 V or G1 24 V to the KNX installation. For this purpose the Gira KNX IP router (firmware version 3 and later) is specially equipped with the additional function "Reliable data communication". Several Gira G1 units can be operated on one Gira KNX IP router (firmware version 3 and later).
- Hardware from index status I08 prepared for KNX Secure (additional firmware update required).
- Commissioning in the KNX system from ETS 5.5 or higher.
- Can be used as a home station in connection with the DCS-IP gateway.
- When planning the system, please observe the technical information on network planning in the device documentation.
- The Gira Project Assistant (GPA) is required for firmware updates. The GPA is available free of charge in the Gira download area.
- Using the timers requires either an internet connection to a NTP time server or a KNX clock (e.g. Gira weather station Plus **2074 00**).
- When used as a Gira HomeServer client, the Gira G1's temperature sensor module is not supported.

Specifications	Order No.	P. unit	PS
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black glass	2069 05	1	36
white glass	2069 12	1	36

+ Necessary accessories

For integration into a Gira door communication system

DCS-IP gateway 5 licences **2620 97** → 387

For integration as KNX room operating device

KNX IP router **2167 00** → 514

+ Optional accessories

Temperature sensor module for Gira G1 (only when used as KNX room operating device)

Temperature sensor mod. Gira G1 **2091 00** → 464

Features

- Gira G1 with flush-mounted connection module PoE LAN. Power is supplied via the network cable (Power over Ethernet).
- Data communication via LAN.

Technical data

- Power supply
- PoE performance class 0: DC 48 V PoE
- LAN standard: IEEE 802.3af
- Connection cable
- Ethernet specifications: Cat.5_e, Cat.6, Cat.6_a, Cat.7
- Installation depth: 32 mm

Notes

- We recommend using an electronics box to install the flush-mounted connection module PoE.
- A commercially available PoE-capable switch or router or a PoE injector is required.

Scope of supply

- Display module, holding frame, flush-mounted connection module PoE LAN



black glass	2067 05	1	36
white glass	2067 12	1	36

+ Necessary accessories

For integration into a Gira door communication system

DCS-IP gateway 5 licences **2620 97** → 387

For integration as KNX room operating device

KNX IP router **2167 00** → 514

+ Optional accessories

Temperature sensor module for Gira G1 (only when used as KNX room operating device)

Temperature sensor mod. Gira G1 **2091 00** → 464

Features

- Gira G1 with flush-mounted connection module 230 V WLAN.
- Data communication via WLAN.

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Technical data

- Power supply: AC 230 V, 50/60 Hz
- WLAN standard: IEEE 802.11b/g/n - 2.4 GHz
- Installation depth: 32 mm

Scope of supply

- Display module, holding frame, flush-mounted connection module 230 V WLAN



black glass	2077 05	1	36
white glass	2077 12	1	36

+ Necessary accessories

For integration into a Gira door communication system

DCS-IP gateway 5 licences **2620 97** → 387

For integration as KNX room operating device

KNX IP router **2167 00** → 514

+ Optional accessories

Temperature sensor module for Gira G1 (only when used as KNX room operating device)

Temperature sensor mod. Gira G1 **2091 00** → 464

24 V power supplies

Pow.supply DC 24 V 300 mA DRA **1296 00** → 392

Pow.supply DC 24 V 700 mA DRA **2570 00** → 392

Pow.supply AC 24 V 1 A DRA **1024 00** → 537

DC pow.supply unit 24 V 5 A DRA **0535 00** → 393

Features

- Gira G1 with flush-mounted connection module 24 V WLAN for connecting to a suitable cable (e.g. to the second wire pair of the KNX bus line).
- Data communication via WLAN.

Technical data

- Power supply: AC/DC 10 to 31 V
- WLAN standard: IEEE 802.11b/g/n - 2.4 GHz
- Connection cable
- Wire diameter: 0.6 - 0.8 mm
- Installation depth: 32 mm

Notes

- For dimensioning the power supply, the total power consumption of all connected devices as well as the voltage drop in the supply network must always be considered.

Scope of supply

- Display module, holding frame, flush-mounted connection module 24 V WLAN

Specifications	Order No.	P. unit	PS
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Accessories

Temperature sensor module for Gira G1 (only when used as KNX room operating device)



black	2091 00	1	36
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+ Necessary accessories

One of the following articles:

Gira G1 PoE 2069 05	→	463
Gira G1 230 V 2067 05	→	463
Gira G1 24 V 2077 05	→	463

Features

- Temperature sensor module for Gira G1 as native KNX room operating device.

Technical data

Measuring accuracy:	± 0.5 K		
Protection class:	IP 20		
Dimensions in mm	W 44	H 11	D 6

Notes

- Is inserted into the Gira G1's holding frame.
- Usable only with the Gira G1 from hardware version index 09.
- Usable as a KNX room operating device only from firmware version 2.0.

Gira HomeServer Gira FacilityServer

Gira HomeServer 4	470
Gira FacilityServer	471
Gira Control 19 Client 2	472
Gira Control 9 Client 2	473
Gira G1	474
Accessories	475

Training

The "KNX user training documentation", "Gira HomeServer network configuration" and "HomeServer/FacilityServer training documentation" online distance learning courses are available free-of-charge at www.academy.gira.com alongside other training opportunities.



Gira HomeServer
Gira FacilityServer

Visualising and controlling intelligent building technology

The Gira HomeServer or Gira FacilityServer is an intelligent building's on-board computer. For your home or your business premises, use it to control and visualise the entirety of the building technology interlinked through the KNX system. It thus offers the option of integrating numerous other technologies such as door intercoms, cameras or audio systems into the building controls. To operate it, use the Gira Control Clients, the Gira G1, a smartphone, tablet or PC.* Regardless of your location, you will always have access to almost all control features and be able to keep an eye on the building technology at all times.



Diverse application options for more convenience, security and energy efficiency

The Gira interface for visualising and controlling buildings can be fully adapted to the individual preferences and requirements of the residents. Diverse application possibilities: central control of lighting, blinds, and heating; room ambience; multimedia entertainment in all rooms; panic switches; occupancy simulation; alarm systems; requirements-based energy management; evaluation of consumption data; lighting colour control; email messaging; push notifications and much more.

Central control of intelligent home technology, at home or while away

The Gira HomeServer enables all building technology to be controlled centrally using various operating devices such as the Gira Control Clients, smartphones, tablets or computer – at home or while away. This makes the system a valuable addition to classic KNX control devices, giving you a constant overview of the entire building control.



The Gira G1 as a HomeServer client

The Gira G1 can now also be used as a client in systems with a Gira HomeServer. With release 1, the Gira G1 visualises the interface design of the Gira HomeServer. Supports almost the entire scope of functions included with the Gira HomeServer.

Simple operation of innovative functions – at the touch of a finger

With the Gira Interface, the user interface of the Gira HomeServer, controlling innovative home technology is child's play. The menu navigation is very intuitive, and all functions are available within two levels. Additional detailed information and operating elements open in pop-up windows. This guarantees a perfect overview and enables convenient operation using the touch screen – with just one finger.

* Functions and display may vary depending on your device

Individual visualisation with URL endpoint

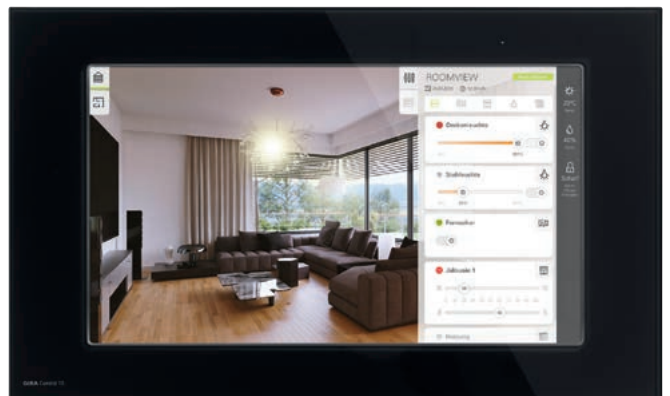
The Gira interface for visualising and controlling buildings can be fully adapted to the individual preferences and requirements of the residents. This allows you to realise a broad range of applications: central control of lighting, blinds, and heating; room ambience; multimedia entertainment in all rooms; panic switches; occupancy simulation; alarm systems; requirements-based energy management; evaluation of consumption data; lighting colour control; email messaging; push notifications and much more.



Degrees of freedom in the presentation

Individualised visualisation of the building can be called up in an Internet browser. Presentation in perspective or navigating the floor

plan: the many degrees of freedom in presenting rooms and floors in a building permit the creation of a tailor-made operating concept.



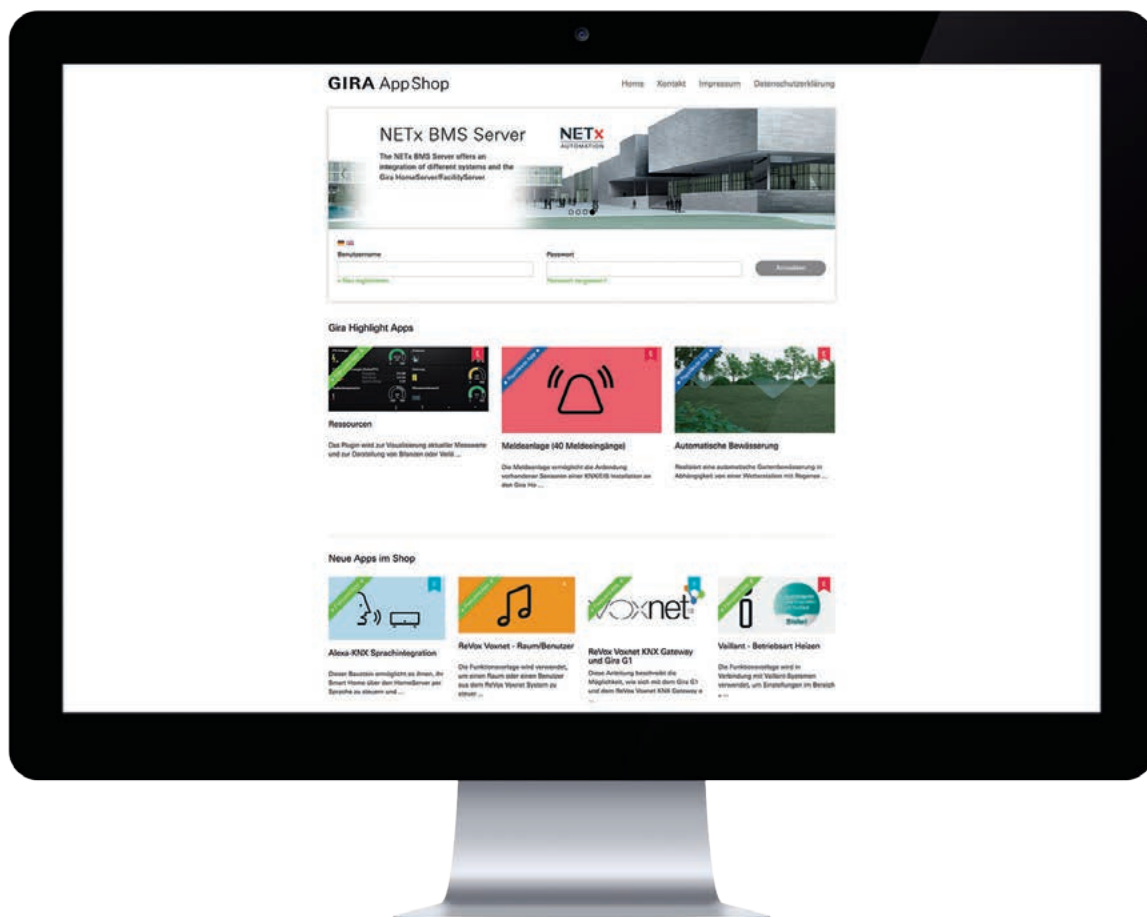
Individual user interface design

The Gira HomeServer permits full individual visualisation and control of buildings via freely-configurable user interfaces. Thanks to its flexibility and exceptionally-wide performance range, virtually

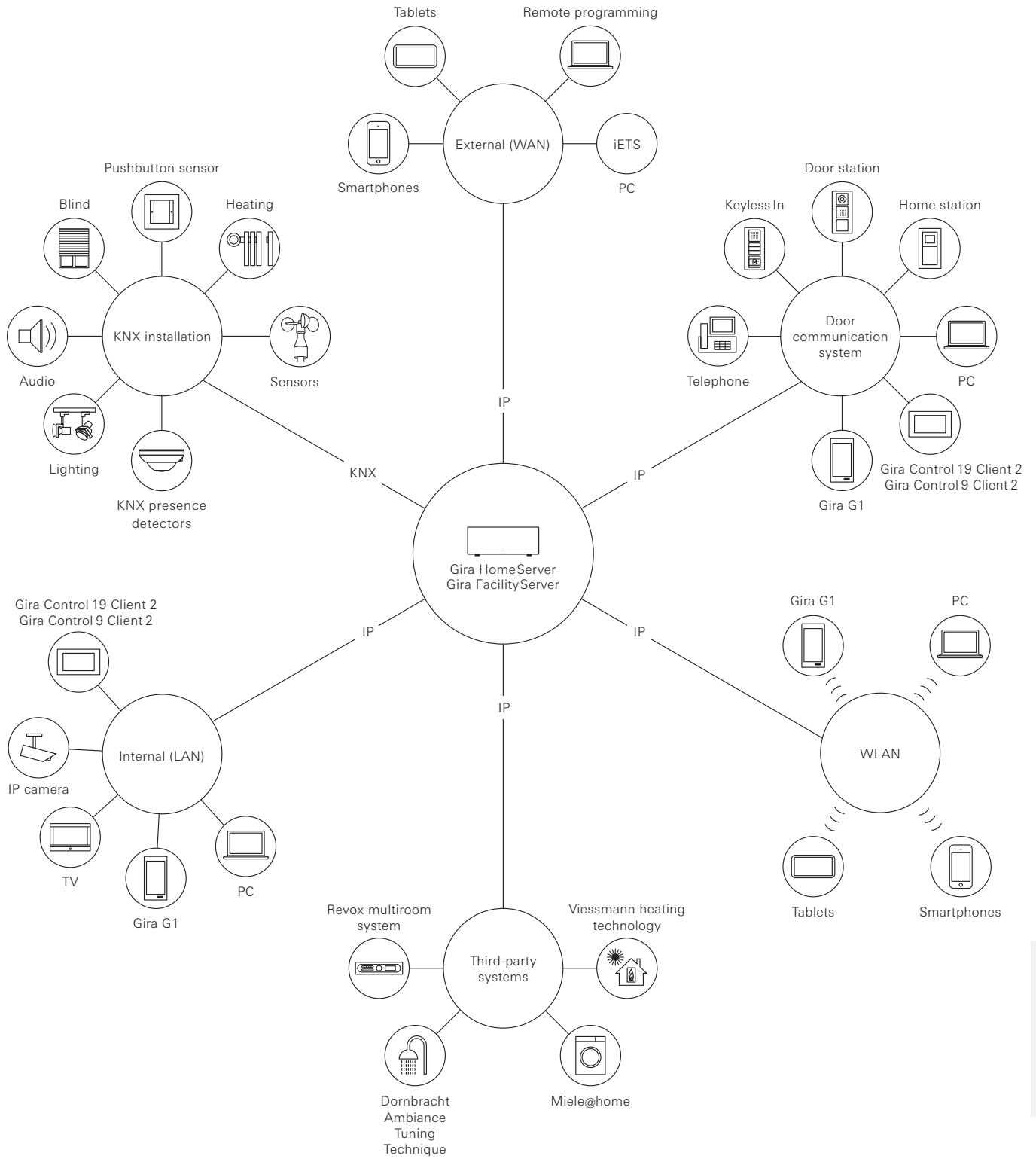
all customer preferences can be met giving planning security for projects of the most diverse dimensions, from an apartment to large functional buildings.

One marketplace. All the opportunities. Gira AppShop

In the Gira AppShop, you can easily download apps for Gira products that have been pre-programmed and tested. This will save you time on your own projects, for example during configuration. The apps can either provide food for your own ideas or directly serve to implement applications for intelligent building technology. The Gira AppShop offers over 200 apps: plug-ins, sample projects, function templates and instructions on implementing specific applications included. All apps can be used for a variety of building types. There are apps not only for lighting, energy and security, but also for other areas: for example, the Gira AppShop offers an app for visualising a Vaillant heating system in the Gira interface and for realising a cross-function building technology system.



Gira HomeServer and Gira FacilityServer system overview



Gira HomeServer
Gira FacilityServer

Specifications	Order No.	P. unit	PS
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Gira HomeServer 4

Gateway for KNX installation, primarily matched to the requirements of buildings in the private sector. It turns the Gira HomeServer 4 into an on-board computer that handles the networking of modern buildings and their technical equipment internally and with the outside world. Operation is carried out via state-of-the-art communication media. In addition to a PC, access is also possible via other Internet-capable devices connected to a LAN, an in-house WLAN, or the Internet. As a result, KNX functions can be controlled and regulated anywhere. The Gira Control 9 Client 2, Gira Control 19 Client 2 and the Gira HomeServer app can be used as convenient operating devices for the Gira HomeServer 4. The app is available from the Apple App Store and Google Play Store and can be used on smartphones and tablets.



	0529 00	1	05
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+ Necessary accessories

One of the following articles:

USB data I/F FM	1070 00	→	515
USB data I/F DRA	1080 00	→	515
KNX IP router	2167 00	→	514

+ Optional accessories

Gira S1	2089 00	→	480
Wall mount Gira HomeServer 4	2098 00	→	476

Features

- Can be updated.
- Management of 200 users. Multiple logins possible under one user name.
- Project archiving with individual content such as floor plans, etc.
- Cyclic/triggered data recording (for example, temperature courses, elapsed-hours meters, fill levels).
- Graphic user interface: Visualisation of building and device states with freely positionable icons and texts. Saving of individual images and menu structures for each user group.
- Evaluation of IP cameras: Recording of images and playback in the visualisation. Forwarding of footage and images via email and FTP. National requirements, e.g. protocol-specific information and communications standards need to be observed.
- Exporting of data or alarm records in the Excel™, CSV, HTML or XML file formats.
- Mathematical functions (e.g. basic operations).
- Storing and calling up of light scenes.
- Timers, weekly program, public holiday calendar.
- Fault messages, measured values and sensor or actuator states can be transmitted by push notification and e-mail. Acknowledgement via KNX.
- Self-teaching occupied-home simulation.
- Remote programming via network, Internet and data communications connections.
- Transmitting ASCII texts.
- IP coupling with products from other manufacturers that generate or edit IP telegrams for control.
- Low-wearing, as there are no moving parts such as a fan or hard disk.
- Graphic logic editor: Allows for example copying module groups across projects, creating any number of work sheets. Over 150 logic nodes are set up.
- Importing and exporting of global libraries.
- Communication objects: Data transfer from ETS by means of OPC or directly from the knxproj file. Import and export of communication objects as CSV file.
- Universal timer: Several switching points possible per clock. Use of placeholders in day, month, year. Activation/deactivation via communication object. With Astro and random function.
- Data backup/restoration of retentive data.
- 14-byte KNX texts: Evaluation by comparison with text string. Use in text messages, push notification, e-mails, or status page.

Specifications	Order No.	P. unit	PS
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- Receipt of IP telegrams: Specification of an address range, extraction of 14-byte KNX texts, assignment to 14-byte KNX texts.
- SNMP: Reading out numeric and 14-byte KNX texts. Setting numeric values, integer values, and texts. Transmitting SNMP Traps via HomeServer command. Optional ColdStart Trap when starting Gira HomeServer.
- Bus access via KNXnet/IP protocol.
- Evaluation of web-based IP devices (reading/writing).
- iETS server: Remote programming of KNX systems. Enabling of iETS function with a communication object. Gira HomeServer continues to run without restriction during programming via iETS. Switching processes continue to run. Process image remains current.

Technical data

Connection options

- Serial port: 1 x RS232
- Network: 1 x RJ45, 10/100 Mbit Ethernet via KNX IP router, USB data interface
- KNX:
- USB: 2.0 type B
- Power consumption: approx. 15 W
- Ambient temperature: 0 °C to +40 °C
- Dimensions in mm

W 225,5 H 90,5 D 231,5

Notes

- Further information: www.gira.de/homeserver.
- Technical information may vary or be modified depending on version. In the same way, the scope of service can vary among the individual clients (QuadClient, iOS app, Android app).
- Recommended system requirements for operating devices: Internet browser of possible operating devices must support at least HTML 4.0, Java Script 1.1, CSS, and Dynamic HTML.
- Gira HomeServer Expert software for operating systems from Windows XP™ including Internet Explorer from version 6.0.
- Adoption of the ETS group addresses from ETS 2, 3, 4, and 5.
- Integration of graphics programs.

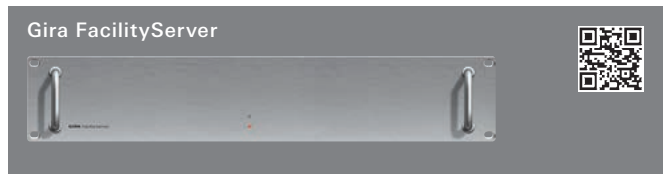
Scope of supply

- Mains cable, null modem cable, brief instructions, Gira HomeServer 4.

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
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Gira FacilityServer

Gateway for the KNX installation, specifically matched to the demanding requirements in the commercial sector. With the Gira FacilityServer, systems and building functions can be networked intelligently with each other and the entire KNX installation can be monitored, controlled and programmed centrally from a PC. Access and monitoring of the building and system technology from outside is also possible by connecting to the Internet. Also serves as a data server for higher-level facility management systems, to which it provides stored consumption and operating data for evaluation. It offers the complete functional range of the Gira HomeServer, but is equipped with considerably more memory capacity for its use in the commercial sector. This enables considerably larger amounts of data to be stored and more complex, more extensive visualisations to be created. Several Gira FacilityServers can be networked in order to interconnect buildings which are spatially separated from each other: Local and higher-level applications can be combined. In addition to a PC, access is also possible via other Internet-capable devices connected to LAN, WLAN, or the internet. As a result, KNX functions can be controlled and regulated anywhere. The Gira Control 9 Client, Gira Control 19 Client 2 and the Gira HomeServer app can be used as convenient operating devices. The app is available from the Apple App Store and Google Play Store and can be used on smartphones and tablets.



2075 00 1 05

+ Necessary accessories

One of the following articles:

USB data I/F FM 1070 00	→	515
USB data I/F DRA 1080 00	→	515
KNX IP router 2167 00	→	514

Features

- Can be updated.
- Installation in 19" rack. For this purpose the scope of supply includes a 19" insert unit with an aluminium plate. Can also be used as a stand-alone device.
- Management of 200 users. Multiple logins possible under one user name.
- Project archiving with individual content such as floor plans, etc.
- Cyclic/triggered data recording (for example, temperature courses, elapsed-hours meters, fill levels).
- Graphic user interface: Visualisation of building and device states with freely positionable icons and texts. Saving of individual images and menu structures for each user group.
- Evaluation of IP cameras: Recording of images and playback in the visualisation. Forwarding of footage and images via email and FTP. National requirements, e.g. protocol-specific information and communications standards need to be observed.
- Exporting of data or alarm records in the Excel™, CSV, HTML or XML file formats.
- Mathematical functions (e.g. basic operations).
- Storing and calling up of light scenes.
- Timers, weekly program, public holiday calendar.
- Fault messages, measured values and sensor or actuator states can be transmitted by push notification and e-mail. Acknowledgement via KNX.
- Self-teaching occupied-home simulation.
- Remote programming via network, Internet and data communications connections.
- Transmitting ASCII texts.
- IP coupling with products from other manufacturers that generate or edit IP telegrams for control.
- Low-wearing.
- Graphic logic editor: Allows for example copying module groups across projects, creating any number of work sheets. Over 150 logic nodes are set up.
- Importing and exporting of global libraries.
- Communication objects: Data transfer from ETS by means of OPC or directly from the knxproj file. Import and export of communication objects as CSV file.

- Universal timer: Several switching points possible per clock. Use of placeholders in day, month, year. Activation/deactivation via communication object. With Astro and random function.
- Data backup/restoration of retentive data.
- 14-byte KNX texts: Evaluation by comparison with text string. Use in push notification, e-mails, or status page.
- Receipt of IP telegrams: Specification of an address range, extraction of 14-byte KNX texts, assignment to 14-byte KNX texts.
- SNMP: Reading out numeric and 14-byte KNX texts. Setting numeric values, integer values, and texts. Transmitting SNMP Traps via FacilityServer command. Optional ColdStart Trap when starting the FacilityServer.
- Operation/status display via Agfeo telephone system.
- Evaluation of web-based IP devices (reading/writing).
- Bus access via KNXnet/IP protocol.
- iETS server: Remote programming of KNX systems. Enabling of iETS function with a communication object. Gira HomeServer continues to run without restriction during programming via iETS. Switching processes continue to run. Process image remains current.

Technical data

Connection options	
- Serial port:	1 x RS232
- Network:	1 x RJ45, 10/100 Mbit Ethernet
- KNX:	via KNX IP router, USB data interface
- USB:	2.0 type B
Power consumption:	approx. 15 W
Ambient temperature:	0 °C to +45 °C
Dimensions in mm	W 483 H 88 D 270

Notes

- Further information: www.gira.de/facilityserver.
- Technical information may vary or be modified depending on version. In the same way, the scope of service can vary among the individual clients (QuadClient, iOS app, Android app).
- Recommended system requirements for operating devices: Internet browser of possible operating devices must support at least HTML 4.0, Java Script 1.1, CSS, and Dynamic HTML.
- Gira FacilityServer Expert software for operating systems from Windows XP™ including Internet Explorer from Version 6.0.
- Adoption of the ETS group addresses from ETS 2, 3, 4, and 5.
- Integration of graphics programs.

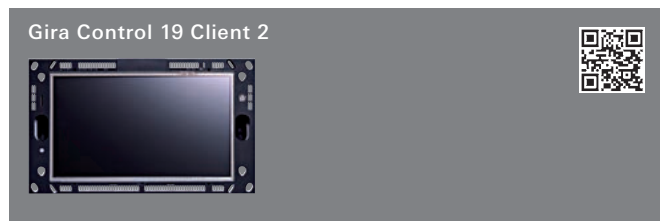
Scope of supply

- A mains cable, null modem cable, brief commissioning instructions, Gira FacilityServer with temperature-controlled fan in a 19" insert (48.26 cm) with an aluminium plate are included in the scope of supply.

Specifications	Order No.	P. unit	PS
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Gira Control 19 Client 2

The Gira Control 19 Client is a display and operating unit for connection to the Gira HomeServer or Gira FacilityServer. The device is PC-based and has a TFT touch screen with 47 cm (19") screen diagonal.



2068 00	1	05
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+ Necessary accessories

One of the following articles:

Gira HomeServer 4 0529 00	→	470
Gira FacilityServer 2075 00	→	471
as well as		
FM DB Gira Control 19 Client 2 2076 00	→	475
and		
Des.fr. Gira Control 19 Client 2 2065 ..	→	475

Features

- Visualisation and operation of building system technology functions in conjunction with the Gira HomeServer and/or the Gira FacilityServer.
- Display of e-mails.
- Playback of acoustic signals.
- Suitable for door communication systems as a home station (via DCS-IP gateway).

Device features

- PC with touch screen.
- Integrated power supply unit.
- Integrated speaker.
- Integrated microphone.

Technical data

Rated voltage:	AC 220 to 240 V ~, 50 Hz
Power consumption	
- Maximum (100% CPU):	max. 24 W
- Standby:	approx. 1.1 W
System information	
- Processor:	INTEL® Atom E3825 Dual Core 1.33 GHz
- Hard disk:	64 GB SSD
- RAM, DDR3L-1066 SO-DIMM:	4 GB
- L2 cache:	1 MB
- Operating system:	Windows™ embedded Standard 7
Connections:	
- USB 2.0 type A:	2 x front, 2 x bottom (service interface)
Connections	
- Card slot:	1 x SDHC, to 32 GB
- Gigabit LAN:	1 x RJ45
Display	
- Resolution:	WXGA (1366x768)
- Number of colours:	16.7 M
Ambient conditions for operation	
- permissible temperature range:	0 °C to +40 °C
- permissible relative humidity:	10 to 85% r. F., not condensing.
Ambient conditions for storage and transport	
- permissible temperature range:	-20 °C to +60 °C
- permissible relative humidity up to +40°C:	10 to 85% r. F., not condensing.
- permissible relative humidity from +40°C:	10 to 39% r. F., not condensing.
Dimensions in mm	
	W 546 H 330
- Profile height:	W - H 15

Specifications	Order No.	P. unit	PS
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Software

Microsoft operating system® Windows® embedded Standard 7.:

Notes

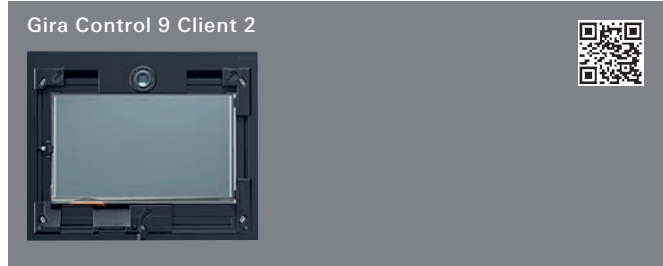
- Can also be installed in existing Gira/Pro-face ServerClient 15 device boxes.
- Suitable for indoor use only.
- **Areas of application:**
 - Operation in stationary environment.
 - Operation only in environmental conditions that meet the specifications regarding temperature, humidity, dust, vibrations etc.

Gira HomeServer
Gira FacilityServer

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
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Gira Control 9 Client 2

The Gira Control 9 Client 2 is a display and operating unit for connection to the Gira HomeServer or Gira FacilityServer. The power-saving device is PC-based and has a TFT touch screen with LED backlighting and 22.86 cm (9") screen size (resolution of 1024 x 600 px).



	2097 00	1	05
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+ Necessary accessories

One of the following articles:

Gira HomeServer 4	0529 00	→	470
Gira FacilityServer	2075 00	→	471
Server DRA	5301 00	→	549
as well as			
FM DB Gira Control 9	2082 00	→	476
and			
Des.fr. Gira Control 9 Client 2	2057 ..	→	475

+ Optional accessories

Adapter fr. Gira Control 9	2081 00	→	476
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Features

- Visualisation and operation of building system technology functions in conjunction with the Gira HomeServer and/or the Gira FacilityServer or the eNet Server.
- Suitable for door communication systems as a home station (via DCS-IP gateway).
- Display of e-mails.
- Playback of acoustic signals.

Device features

- PC with touch screen.
- Integrated power supply unit.
- Integrated speaker.
- Integrated microphone.

Technical data

Rated voltage:	AC 110 to 230 V
Power consumption	
- Operation:	max. 20 W
- Display off:	max. 8 W
- Standby:	max. 1 W

System information

- Processor:	INTEL® Atom™ E3825 Dual Core 1.33 GHz
- Mass storage:	16 GB
- RAM:	2 GB
- L2 cache:	1 MB
- Operating system:	Microsoft® Windows® Embedded POSReady 7 x86 (32-bit)

Connections

- USB 1.1/2.0 Type A:	2 x rear, 1 x front
- Card slot:	1 x SDHC, to 32 GB
- Network:	1 x RJ45, 10/100 Mbit
- Audio:	1 x Line In, 1 x Line Out (stereo)

Display

- Resolution:	WVGA, 1024 x 600 px
- Number of colours:	16.7 M
Ambient temperature	
- Operation:	0 °C to +40 °C
- Storage:	-10 °C to +70 °C
Relative humidity	
at +40 °C:	10 to 85 % r. H., no condensation

Dimensions in mm

	W 268	H 220	D 65
- Profile height:	W -	H 16	D -
- Profile height of the upgrade version with adapter frame :	W -	H 28	D -

Software

Operating system:	Microsoft® Windows® Embedded POSReady 7 x86 (32-bit)
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Notes

- Can be used as a home station with the DCS-IP gateway.
- Suitable for indoor use only.

Specifications	Order No.	P. unit	PS
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Gira G1

The Gira G1 is a multi-functional room operating device for visualising and operating a variety of building functions. For use in the KNX system and Gira door communication system, or as client. The respective range of functions depends on the firmware used.

When used as a client, the KNX room operating device features are not available. **For details on the exact scope of functions, please refer to the Gira online catalogue and the device's technical documentation.**

Features

- Operation is via a gesture-capable multi-touch display.
- Connection and communication are via LAN or WLAN, depending on the variant.
- Integrated speaker.
- Integrated microphone with echo compensation.

Potential applications and combinations

- As a multi-functional room operating device, the Gira G1 offers the following functions and function combinations:
- KNX room operating device
- Home station video
- Integrates Internet services or as client for the following systems/ servers – HomeServer – eNet – X1 – Alarm Connect security system

Properties as a KNX room operating device

- Intuitive user interface that can be adapted by the end user.
- Switching and dimming (relative and absolute), dimming (incl. Dimming RGB, RGBW, and Tunable White), blind and roller shutter control, value transmitter, and scene auxiliary unit.
- Status display, display of date and time, display of indoor and outdoor temperature.
- Up to 150 functions (six function folders or rooms with up to 25 functions each).
- Up to 125 seven-day timer with 10 switching times each.
- Room temperature controller in combination with the temperature sensor module (available as an optional extra), or KNX devices for room temperature measurement, e.g. touch sensor 3 Komfort.
- Operating modes: Comfort, standby, night, and frost or heat protection with their own temperature setpoint values (for heating and/or cooling).
- Operating modes can be adapted individually.
- A heating clock as seven-day timer with 28 switching times.
- Room temperature controller auxiliary unit for controlling air conditioning systems (fan coil) in conjunction with a KNX gateway for air conditioning systems.

Properties as video home station

- Camera changeover: specific selection of connected colour cameras.
- Control of the door opener.
- Switching the ringtone on and off.
- Ring tone can be selected from a choice of 10 melodies.
- Internal calls.

Integration of Internet services

- Gira weather service: display of the weather forecast for up to five cities (internet connection required).

Gira G1 can also be used as a client for the following systems/ servers (requires firmware update):

- HomeServer Client
- eNet Client
- X1 Client

Specifications	Order No.	P. unit	PS
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Technical data

Power consumption			
- Maximum:	7 W		
- Typical:	4 W		
- Minimum:	2 W		
Display			
- Type:	TFT		
- Size:	15.3 cm (6")		
- Number of colours:	16.7 M		
- Resolution:	480 x 800 px (WVGA), 155 ppi		
- Brightness:	350 cd/m ²		
- Contrast ratio:	1:500		
- Viewing angle:	> 80° all around		
Proximity sensor			
- Range:	max. 50 cm		
- Detection range:	30° horizontal, 30° vertical		
KNX medium:	KNXnet/IP		
KNX standards			
- DPTs value transmitter:	5.010, 6.010, 5.001, 5.004, 7.001, 8.001, 9.xxx, 12.001, 13.001, 14.xxx		
Protection type:	IP21		
Ambient temperature:	0 °C to +45 °C		
Dimensions in mm			
- Gira G1 (incl. flush-mounted power supply unit):	W 97	H 168	D 47
- Gira G1 (without flush-mounted power supply unit):	W 97	H 168	D 15
- Mounting height:	W -	H 1500	D -

Notes

- Suitable for indoor use only.
- Recommended mounting height: 150 cm above floor.
- Installation is performed on a deep device box (an electronics box is recommended for a LAN connection).
- Communication with the KNX installation is exclusively via the KNXnet/IP standard.
- A KNX IP router must be used to connect the Gira G1 PoE to the KNX installation. Several Gira G1 units can be operated on one KNX IP router.
- In order to ensure reliable communication via WLAN, a Gira KNX IP router (firmware version 3 and later) is required to connect the Gira G1 230 V or G1 24 V to the KNX installation. For this purpose the Gira KNX IP router (firmware version 3 and later) is specially equipped with the additional function "Reliable data communication". Several Gira G1 units can be operated on one Gira KNX IP router (firmware version 3 and later).
- Hardware from index status I08 prepared for KNX Secure (additional firmware update required).
- Commissioning in the KNX system from ETS 5.5 or higher.
- Can be used as a home station in connection with the DCS-IP gateway.
- When planning the system, please observe the technical information on network planning in the device documentation.
- The Gira Project Assistant (GPA) is required for firmware updates. The GPA is available free of charge in the Gira download area.
- Using the timers requires either an internet connection to a NTP time server or a KNX clock (e.g. Gira weather station Plus **2074 00**).
- When used as a Gira HomeServer client, the Gira G1's temperature sensor module is not supported.



black glass	2069 05	1	36
white glass	2069 12	1	36

Functional description	→	463
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Specifications Order No. P. unit PS



black glass	2067 05	1	36
white glass	2067 12	1	36

Functional description → 463



black glass	2077 05	1	36
white glass	2077 12	1	36

Functional description → 463

Specifications Order No. P. unit PS

Accessories



black glass	2065 05	1	05
white glass	2065 12	1	05

- + Necessary accessories**
- Gira Control 19 Client 2 **2068 00** → 377
 - Gira Control 19 Client 2 **2068 00** → 472

Features
- Design glass frame for Gira Control 19 Client 2.

Technical data
Dimensions in mm
W 546 H 330



	2076 00	1/100	05
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- + Necessary accessories**
- Gira Control 19 Client 2 **2068 00** → 377
 - Gira Control 19 Client 2 **2068 00** → 472

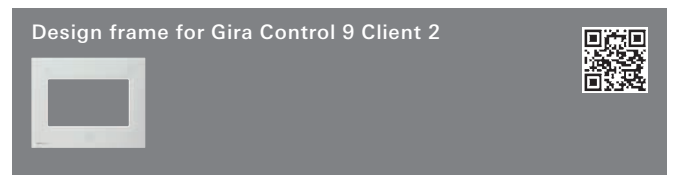
Features
- Device box for flush-mounted installation of the Gira Control 19 Client 2.

Technical data
Dimensions in mm
W 528 H 312 D 80

Notes
- An octagonal cut-out is required for this device box.

Scope of supply
- An installation template is included.

More information
Technical information → ⓘ 599



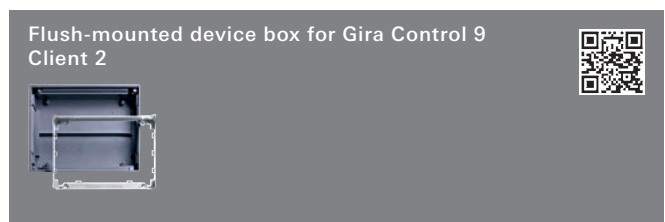
black glass	2057 05	1	05
white glass	2057 12	1	05

- + Necessary accessories**
- Gira Control 9 Client 2 **2097 00** → 377
 - Gira Control 9 Client 2 **2097 00** → 473

Features
- Glass design frame

Technical data
Dimensions in mm
- Profile height: W 278 H 230 D 16

Specifications	Order No.	P. unit	PS
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2082 00	1/100	05
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+ Necessary accessories

One of the following articles:

Gira Control 9 Client 2 2097 00	→	377
Gira Control 9 Client 2 2097 00	→	473

Features

- Flush-mounted device box for Gira Control 9 Client 2.

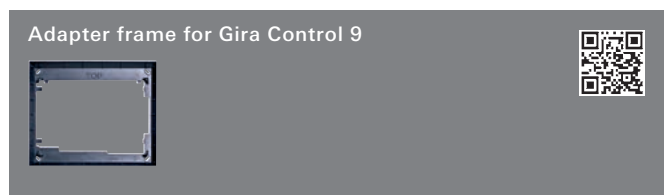
Technical data

Dimensions in mm

W 252	H 194	D 64
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Notes

- Also suitable for cavity mounting.



2081 00	1	05
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+ Necessary accessories

One of the following articles:

Gira Control 9 Client 2 2097 00	→	473
Gira Control 9 Client 2 2097 00	→	377

Notes- The adapter frame is required to install a Gira Control 9 in an existing (InfoTerminal Touch) installation housing, **0639 00**.

2098 00	1	05
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+ Necessary accessories

Gira HomeServer 4 0529 00	→	470
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Features

- Bracket with strain relief for mounting the HomeServer 4 to the wall easily.

Technical data

Dimensions in mm

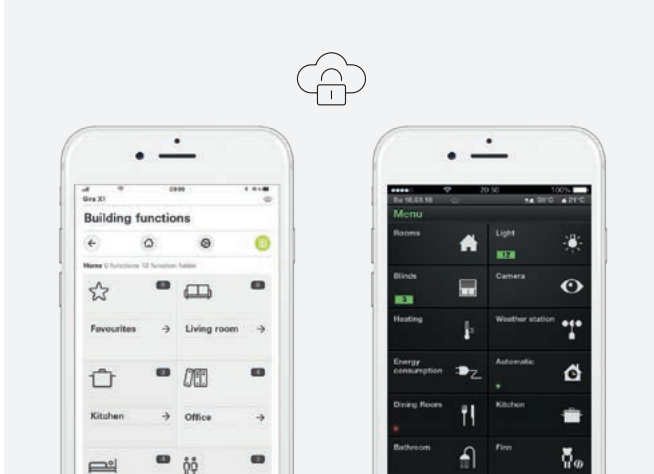
W 195	H 292	D 21,5
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Gira S1

Feel secure in using your KNX Smart Home on the go

Switch off the lights when you're on the go, check camera images, turn on the heating, lower the blinds – while secure in the knowledge that unauthorised access to the communications is impossible: The Gira S1 lets users easily connect to their KNX Smart Home from anywhere. And it's absolutely safe – thanks to encrypted communication. Simply start the Gira X1 or Gira HomeServer app and the Gira S1 takes care of the rest together with the Gira device portal. There's no need for complicated VPN connection setups or router configuration.



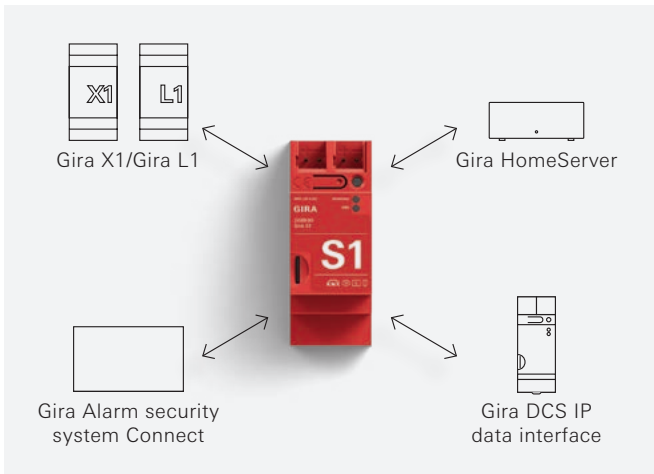
App control for users can't get any simpler – they needn't lift a finger

In the past, setting up a secure connection to a Smart Home required you to activate VPN in your smartphone settings to enable the Smart Home app. Gira S1 has now finally put an end to that. Users now need do nothing more than start their Gira Smart Home app or Gira HomeServer app. The Gira S1 automatically sets up a secure connection from the smartphone to the Smart Home.



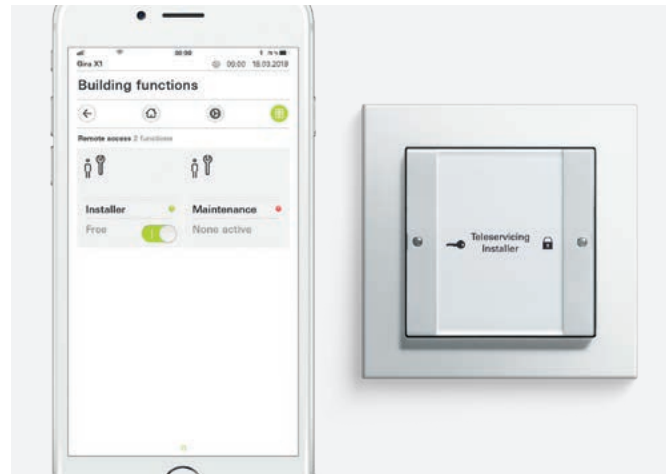
Secure remote access through encryption and compliance with the European data protection standard

The remote access icon in the app's status bar shows users that secure remote access is active. The server hosting the Gira device portal is located in Germany and is subject to European data protection law. This ensures that the European General Data Protection Regulation is upheld.



Remote maintenance has never been easier

The Gira S1 is the ideal device for easily, quickly and securely carrying out remote maintenance. At the touch of a single button in the GPA, you're connected to the remote system and can update the GPA configuration or the desired firmware. You can also remotely edit the entire HomeServer project using Expert or the entire KNX system using ETS. The Gira S1 also facilitates secure remote access to web-based visualisations.

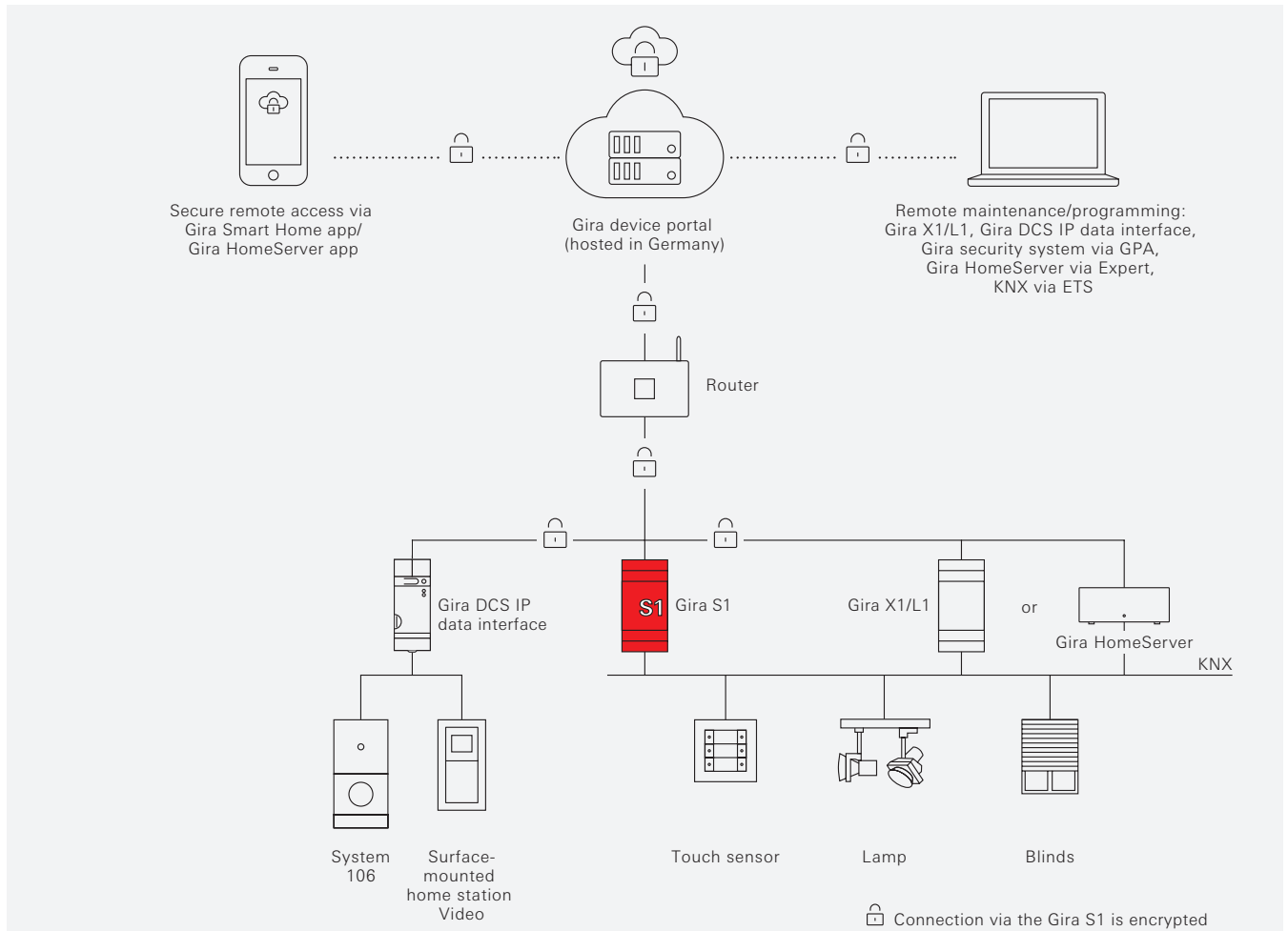


Access control and access management – users retain full control of who accesses their Smart Home system.

Unlike VPN, the Gira S1 allows users to enable specific access to their Smart Home system for the purposes of maintenance. The Gira S1 can identify whether access has been enabled and whether maintenance is currently being performed. The Gira S1 can send your customers an email, text message* or voicemail* as soon as maintenance commences and when it is finished. Transparency that creates trust. The Gira S1 can of course also report other KNX events in your Smart home.
(* incurs charges)

Remote maintenance for your KNX Smart Home – secure and cost-effective

Remote connection to your KNX system, the Gira X1, Gira L1, Gira Alarm security system Connect, Gira DCS IP interface or Gira HomeServer has never been simpler or more secure. The Gira S1 makes encrypted remote maintenance possible for the entire KNX Smart Home. The project agent parametrises the KNX project and the Gira products in an encrypted environment. If necessary, other network devices such as routers or switches can be accessed and configured, too.



Functionality

The Gira S1 connects to the home network using Ethernet. If there is a live connection to the Internet, the Gira S1 automatically logs in on the Gira device portal. Communication between the Gira S1 and the device portal is encrypted and secured using digital certificates. The smartphone or Gira Project Assistant or the Gira HomeServer Expert software also automatically log in on the Gira portal. This communication, too, is encrypted. The Gira portal then automatically connects to, for example, the Gira X1 smartphone app and the Gira S1, which in turn is connected to the Gira X1 – none of which affects the user in any way.

Setup time for remote maintenance access and remote control can finally be planned and costs estimated

Because starting up the Gira S1 is really simple and intuitive, and because what ISP and router the end customer uses doesn't matter, setting up remote access can be accurately planned and costs properly calculated – say goodbye to unexpected difficulties.

Your Smart Home can't be reached via Internet because you use an IPv6 connection?

Your Smart Home's IP address cannot be reached through an external connection, for example because you are using an IPv6, LTE or UMTS connection via Unitymedia? No problem, Gira S1 remote access will still work.

Controlling Gira X1 through Alexa

The Gira S1 allows for secure connection of the Gira X1 to Amazon's Alexa portal. This way, a whole range of functions parametrised in the Gira X1 become accessible by Alexa and can be activated through voice commands.

Specifications	Order No.	P. unit	PS
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Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Gira S1



DRA	2089 00	1	05
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+ Optional accessories

Power supply

Pow.supply DC 24 V 300 mA DRA	1296 00	→	392
Pow.supply DC 24 V 700 mA DRA	2570 00	→	392
DC pow.supply unit 24 V 5 A DRA	0535 00	→	393

System environment

Gira X1	2096 00	→	484
Gira HomeServer 4	0529 00	→	470
Gira FacilityServer	2075 00	→	471

Features

- Secure access via Gira Smart Home app, HomeServer iOS app and Gira security system iOS or Android app.
- Secure remote access to web-based visualisations.
- Secure remote maintenance and remote programming of the Gira HomeServer, Gira G1, Gira X1, Gira L1, Gira DCS IP data interface, Gira Alarm Connect security system and Gira KNX IP router.
- Secure remote programming via the Gira HomeServer experts.
- Secure remote programming via the Gira Project Assistant (GPA).
- Secure remote maintenance and remote programming of KNX projects using ETS4 or ETS5. The programming and diagnosis is supported via group and bus monitor.
- Secure remote access to HTML pages in the smart home network (e.g. camera, NAS, router, switch).
- Secure data transfer courtesy of SSL/TLS encryption.
- Portal server is located in Germany and is subject to German laws on data.
- Independence from internet provider and routers used. Secure remote access even with IPv6 Dual Stack Lite - (e.g. with Unitymedia), LTE, or UMTS connections.
- Management of access to the secure connections via KNX communication objects, Gira X1 ap, Gira HomeServer app, and QuadClient.
- Status signalling of the secure connections via KNX communication objects, Gira X1 ap, Gira HomeServer app, and QuadClient.
- Send notifications via e-mail. An attachment can be added to the email, as an option.
- Send notifications by text message or voice call via the chargeable, additional service sms77 or MessageBird.
- Notification triggers can be configured individually (filters, conditions, hysteresis).
- Supports up to 50 notifications.
- Optimised KNX IP communication, for mobile or very slow connections.
- Supports the accelerated transfer of the ETS to KNXnet/IP devices via a direct KNX IP connection.
- Two RJ45 sockets with switch functionality support simple loop-through of the patch cable.
- Quick and convenient Gira S1 start-up via the Gira device portal.
- 2 GB of data each month.
- Unlimited operating life and 5 years' guaranteed server operation.
- Functional extensions and updates via firmware and software updates.
- Firmware update is performed via the Gira Project Assistant (GPA).
- Hardware prepared for KNX Secure. Future firmware update required.

Technical data

KNX medium:	TP1-256
Rated voltage:	DC 24 to 30 V
Power consumption:	2 W
IP communication:	Ethernet 10/100 BaseT (10/100 Mbit/s)
Connections	
- IP:	2 x RJ45 jacks
- KNX:	Connection and junction terminal
Ambient temperature:	0 °C to +45 °C
KNX:	TP1, S mode (ETS)
microSD card:	for future applications
Dimensions	
- Modular widths (MW):	2

Notes

- Supply via external DC 24 V.
- microSD card not included in delivery.

Awards

Gira X1, elektrobörse smarthouse 2018,
Gira X1-App, Iconic Award 2018



Gira X1, Gira L1

Visualisation and logic functions in just two pitch units

See who is at home, switch lights on and off, optimise your home temperature settings or start occupancy simulation – whether at home or on the go. The Gira X1 enables visualisation and automation of a single-family home in an easy and economical manner. Due to its compact design for top-hat rails, it can be installed quickly and doesn't need much space. The Gira X1 unites the functionality of two devices, visualisation server and logic module in a single housing. If only logic is required, the Gira L1 can be used. For both products, configuration is done via the Gira Project Assistant.



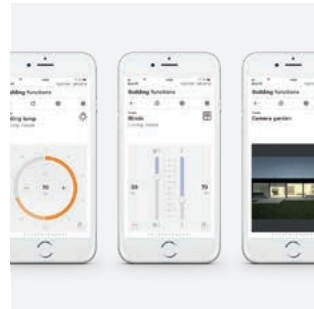
Gira Smart Home app for mobile devices

The Gira X1 turns existing mobile devices into convenient operating elements for intelligent building technology. The respective app is available from the Apple and Android stores and can be used on smartphones and tablets.



High system security

Security is essential if building technology is to be remotely controlled via mobile devices. To meet stringent security requirements, the Gira X1 features an integrated VPN server. By combining with the Gira S1, functionality, security and convenience can be improved yet further.



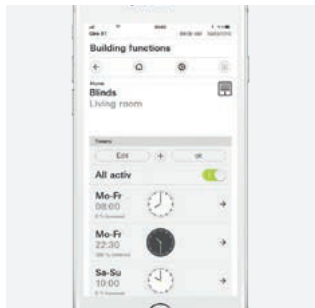
Simple operation of the Smart Home

The user-friendly interface of the Gira Smart Home app visualises the entire KNX installation of a single-family home and puts its functions right there at your fingertips: dimming, switching, shutters, blinds, heating control, value transmitter, scenes, timer, camera images, presence simulation, and much more.



Individually adjusting the interface

The interface of the Gira Smart Home app is designed so that the KNX installation for a single-family home can be easily and intuitively operated via mobile devices. In addition there are options for individualisation. This allows users to create their own start page.



Home automation tasks

Beyond its function as a visualisation server, the Gira X1 also handles numerous automation tasks in the house. It does so by configuring scenes and timers or by using the integrated logic module with its 36 logic components.



An eye on everything

Together with the Gira X1, the Gira G1 can now also be used as an X1 client. Lights and shading, heaters and fans, scene and music control, integration of network cameras – start everything up quickly and easily using the Gira Project Assistant (GPA). Function extensions and updates can be obtained via firmware updates.



Alexa speaks Gira X1

The Gira S1 securely connects Alexa to the Gira X1. This way, a whole range of functions parametrised in the Gira X1 become accessible by Alexa. Your wishes are Alexa's commands. Lights obey your every word, blinds move at your spoken command and you can start scenes with just a few words.

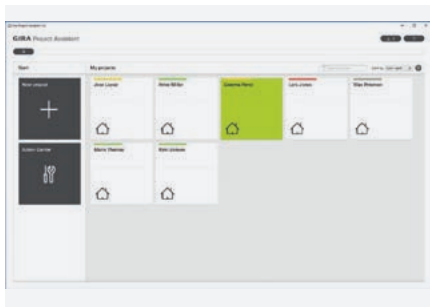


Gira L1

Featuring the same design as the Gira X1, the Gira L1 is a versatile logic module that can also be configured using the GPA. The Gira L1 also makes 36 logic modules as well as timers and scenes available for quick and convenient automation of your home technology.

Quick and intuitive configuration via drag & drop

Projects for the Gira X1 or Gira L1 can be quickly and easily created with the Gira Project Assistant (GPA) software: Visual and intuitive, by drag & drop. The various functions such as switching, dimming, blind control, etc. are simply dragged onto a room with the mouse. The visualisation for mobile end devices is then generated from this information. The GPA features a convenient logic detector for automating building technology, which lets users achieve their desired result in next to no time. By using the logic simulation, individually-created automation solutions can be verified. This makes the Gira Project Assistant the basis for cost-effective project implementation.



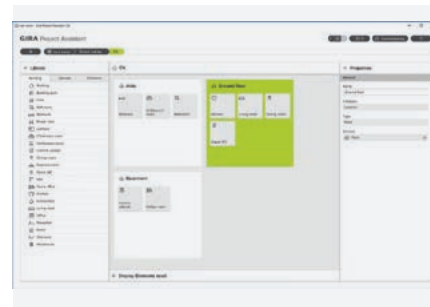
Managing projects

The GPA also displays several projects simultaneously in a clearly-arranged order. Project progress can be indicated by colours.



Parametrising functions

Simple and clear GPA editors help to configure the various building functions in a clear and structured manner.



Creating a building

Create the desired building quickly and easily by dragging and dropping. Devices and functions can be located in the same manner.



Designing the interface

In the GPA, functions of intelligent building technology can be arranged by drag & drop in the order that they will then appear on mobile devices. More than 300 Gira pictographs facilitate the flexible presentation of building parts and functions.



Processing logic pages

The GPA features a simple graphic editor for creating logic pages. Numerous logic pages can be used, switched to active or inactive, structured for daytime and quickly relocated.



Verifying the logic

The simulation function of the GPA makes it possible to simulate and verify the functionality of a created logic in advance. This significantly speeds up the start-up.

Specifications	Order No.	P. unit	PS
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Gira X1



DRA	2096 00	1	05
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+ Optional accessories

Gira S1	2089 00	→	480
Gira G1 PoE	2069 ..	→	463
Gira G1 230 V	2067 ..	→	463
Gira G1 24 V	2077 ..	→	463
24 V power supplies			
Pow.supply DC 24 V 300 mA DRA	1296 00	→	392
Pow.supply DC 24 V 700 mA DRA	2570 00	→	392
DC pow.supply unit 24 V 5 A DRA	0535 00	→	393

Features

- visualisation server for mobile end devices (iOS and Android) and logic module in one device.
- Visualisation functions:
 - Dimmer (RGB, RGBW, Tunable White), switch, button, blind and shutter with and without positioning, heating, air conditioning, scene auxiliary unit, scene set, IP camera, status display, value transmitter, percentage value transmitter, temperature value transmitter, sauna control, audio control, and A/C
- Up to 250 functions can be controlled via the app for each project.
- Up to 250 function clocks can be set by the user in the app.
- Occupancy simulation
- Amazon Alexa voice control in conjunction with the Gira S1.
- Direct communication with Gira Alarm Connect security system and Gira L1 to exchange data and values via Ethernet.
- Alarm visualisation for Gira Alarm Connect security system
- Simultaneous access to the Gira X1 from 10 mobile end devices.
- Intuitive app user interface that can be adapted by the user.
- Logic functions:
 - A range of functions thanks to the module library with 36 logic modules (e.g. basic mathematical operations, shutters and blind control, temperature control, partition wall control, staircase lighting, random generator).
- Configurable logic nodes (e.g. freely selectable number of inputs).
- Easy parameterisation of timers and scenes:
 - up to 50 timers with 10 switching times each.
 - up to 50 scene sets with 64 scenes each.
- Up to 1450 data points can be used in one project (1000 KNX group address data points, 450 discretionary device data points).
- Optimised start-up:
 - Fast project changes and updates during operation without the need to restart the device.
- Two RJ45 sockets with switch functionality support simple loop-through of the patch cable.
- KNX interface function for starting up the ETS project remotely.
- Readout of current Gira X1 runtime project via GPA.
- Project saving:
 - Saving of a project copy on the Gira X1.
- Start-up:
 - The physical address and application are parameterised with the KNX start-up software ETS from version 4.1.8.
 - Further configuration is performed in the Gira Project Assistant (GPA). The Gira Project Assistant is available free of charge in the Gira download area.
- Functional extensions and updates via firmware and software updates.

High security:

Specifications	Order No.	P. unit	PS
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- Easy remote access with the Gira S1.
- Remote app access via integrated OpenVPN server.
- Remote maintenance via integrated OpenVPN server.
- The device password protects the Gira X1 against unauthorised access.
- Encrypted TLS data transfer between app and Gira X1 as well as between GPA and Gira X1 prevents interception by third parties.
- Hardware prepared for KNX Secure. Future firmware update required.

Technical data

KNX medium:	TP1-256
Rated voltage:	DC 24 to 30 V
Power consumption:	4 W
IP communication:	Ethernet 10/100 BaseT (10/100 Mbit/s)
Supported protocols:	DHCP, AutoIP, TCP/IP, UDP/IP
Connections	
- IP:	2 x RJ45 jacks
- KNX:	Connection and junction terminal
Ambient temperature:	0 °C to +45 °C
Dimensions	
- Modular widths (MW):	2

Notes

- Supply via external DC 24 V.

Specifications	Order No.	P. unit	PS
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Gira L1



DRA	2070 00	1	05
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+ Optional accessories

24 V power supplies

Pow.supply DC 24 V 300 mA DRA	1296 00	→	392
Pow.supply DC 24 V 700 mA DRA	2570 00	→	392
DC pow.supply unit 24 V 5 A DRA	0535 00	→	393

Features

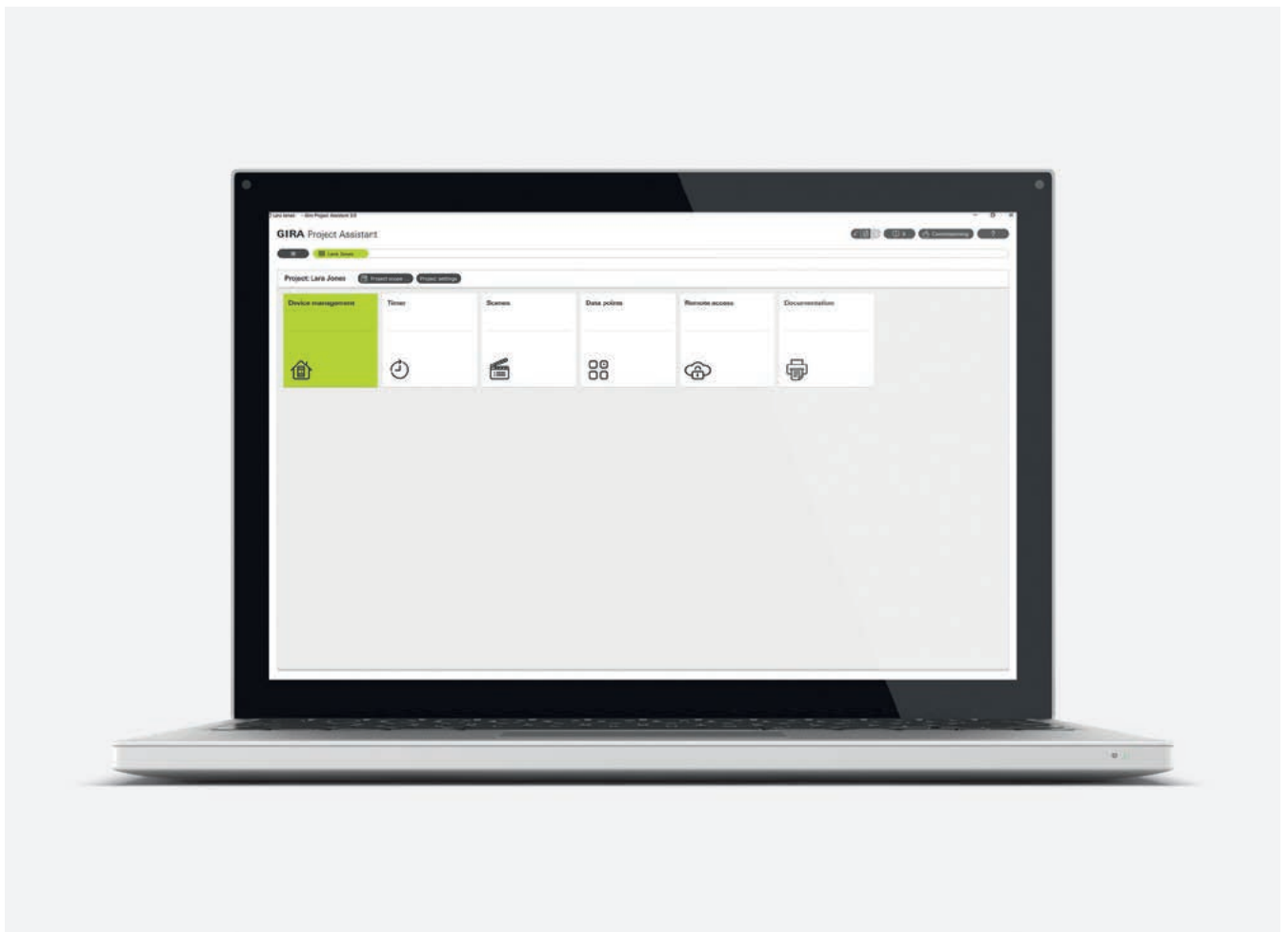
- Logic functions:
A range of functions thanks to the module library with 36 logic modules (e.g. basic mathematical operations, shutters and blind control, temperature control, partition wall control, staircase lighting, random generator).
- Configurable logic nodes (e.g. freely selectable number of inputs).
- Easy parameterisation of timers and scenes:
up to 20 timers with 10 switching times each.
up to 20 scene sets with 64 scenes each.
- Up to 480 data points can be used in one project
(300 KNX group address data points, 180 discretionary device data points).
- Intercom function for exchanging values e. g. between a further L1 or an X1 via Ethernet.
- Optimised start-up:
Fast project changes and updates during operation without the need to restart the device.
- Two RJ45 sockets with switch functionality support simple loop-through of the patch cable.
- High security:
Encrypted TLS data transfer between GPA and Gira L1 prevents interception by third parties.
The device password protects the Gira L1 against unauthorised access.
- Project saving: Saving of a project copy on the Gira L1.
- Start-up:
The physical address and application are parameterised with the KNX start-up software ETS from version 4.1.8.
Further configuration is performed in the Gira Project Assistant (GPA). The Gira Project Assistant is available free of charge in the Gira download area.
- Functional extensions and updates via firmware and software updates.
- Hardware prepared for KNX Secure. Future firmware update required.

Technical data

KNX medium:	TP1-256
Rated voltage:	DC 24 to 30 V
Power consumption:	2 W
IP communication:	Ethernet 10/100 BaseT (10/100 Mbit/s)
Supported protocols:	DHCP, AutoIP, TCP/IP, UDP/IP
Connections	
- IP:	2 x RJ45 jacks
- KNX:	Connection and junction terminal
Ambient temperature:	0 °C to +45 °C
Dimensions	
- Modular widths (MW):	2

Notes

- Supply via external DC 24 V.



GPA

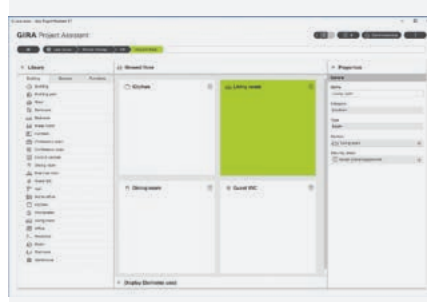
Gira Project Assistant (GPA): Many systems. One tool.

A myriad of separately branded software tools and an incalculable programming workload for building technology? This is a thing of the past. Where configuring installed products used to entail complicated procedures and synchronising all the start-up tools involved, you can now handle everything with a single start-up tool: the Gira Project Assistant (GPA). For a multitude of applications. There's no simpler or faster way to configure building technology. The standardised programming also means that master electricians who are already using GPA will need very little training. Once you've "learned" the GPA, you know all you need to know to place all the additional functions and devices into operation and link up the systems.



Clearly organised work

The Gira system to be started up is specified in the project scope. This selection defines which editors the GPA will show and whether you will have remote access to the customer's system for remote maintenance. Your work always stays clearly organised.



Create any building structures you like

The GPA configuration is built upon on the building structure. Create the building easily by dragging and dropping. You can edit storey and room designators and choose a matching icon from a catalogue of over 300. Realising anything from single apartments to single-family homes to large apartment buildings couldn't be simpler.



Study once to master many systems

The Gira devices, components and functions are positioned in rooms by dragging and dropping. Creating a visualisation with the Gira X1, starting up the Gira door communication system or positioning components for the Gira Alarm security system Connect: starting up a system always works in the same way. This means that once you've learned the GPA, you've mastered many systems.



Configure to prevent errors

Simple and self-explanatory editors assist in setting up special functions such as remote alarms, in configuring scenes or in creating timers. At the same time, the GPA checks the configurations created and alerts you in good time to potential configuration errors.



Logic editor with integrated simulator

Implement individual building automation solutions tailored to your customers' desires using the GPA logic editor together with the Gira X1 and Gira L1. Extensive simulation lets you test the created logic in advance, thus drastically cutting start-up time at the customer's.



Customer documentation at the touch of a button

The GPA delivers comprehensive customer documentation at the touch of a button. You can print out the project documentation or give it to the customer in PDF format. No additional subsequent work is necessary.

Specifications	Order No.	P. unit	PS
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Gira Project Assistant (GPA)

Features

- Gira Project Assistant (GPA) allows convenient creation of projects for Gira G1, Gira L1, Gira DCS IP data interface (as of GPA V3) and Gira Alarm Connect security system (as of GPA V4). Easy-to-use editors help to quickly and efficiently create a building visualisation, configure timers and scenes as well as implement individual automation tasks.
- Configuration software for Gira X1 and Gira L1.
- Configuration software for Gira door communication system using Gira DCS IP data interface (as of GPA V3).
- Configuration software for Gira Alarm Connect security system (as of GPA V4).
- Maintenance software for Gira X1, Gira L1, Gira G1, Gira S1, Gira DCS IP data interface (as of GPA V3), Gira Alarm Connect security system (as of GPA V4) and Gira KNX IP router.
- Device templates enable configuration without possessing the actual devices.
- Automatic location of the Gira devices in the IP network.
- Undo/Redo function with change history.
- Automatic save function.
- Multi-screen operation.
- Export and import function for external saving or exchanging of projects.
- Graphic logic editor with 36 different logic modules.
- Convenient logic page management:
Logic pages can be moved between projects, renamed, and assigned keywords.
- "Any size" logic pages enable the coherent presentation of extensive solutions.
- Logic pages can be activated/deactivated. This is helpful for testing and storing preliminary results, for example.
- Simulation function for testing the prepared logic in order to shorten the start-up time.
- Easy to create the building structure using Drag&Drop.
- Quick configuration of a visualisation via Drag & Drop (in conjunction with a Gira X1).
- More than 300 symbols for setting up the X1 functions according to the end user's wishes.
- Timer editor with astro function incl. earliest and latest switching time in order to prevent shutters from raising at 4.30 h in the morning, for example.
- Scene editor incl. value specification for the scene devices.
- Within a scene, devices may be omitted to allow selective switching.
- User management.
- Import function for KNX projects to create data points.
- Data point monitor for the start-up phase and troubleshooting.
- Firmware upgrade and downgrade support. By managing different firmware statuses, devices with different firmware versions can be configured.
- Possibility of parallel installation of various GPA versions allowing for the configuration of devices with different firmware versions.
- Supported operating systems: Windows 7, Windows 8 and Windows 10.
- The Gira Project Assistant is available free of charge in the Gira download area.

Link for downloading the
Gira Project Assistant (GPA)



Cross reference

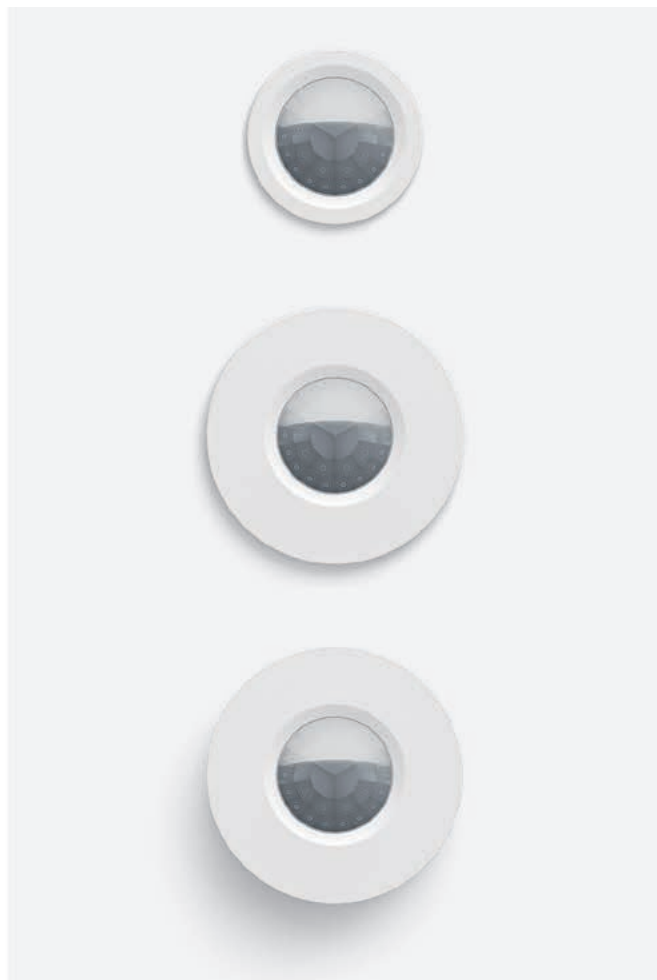
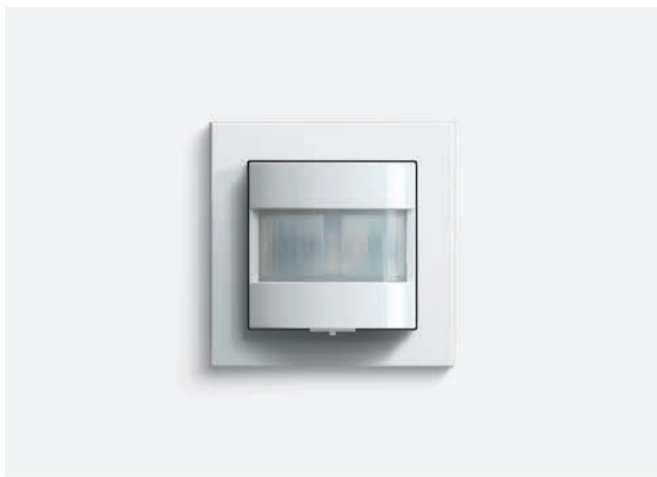
<https://partner.gira.de/service/download/>

Gira KNX presence and motion detection

Presence detector Mini	494
Presence detector	496
Motion detector mounting height up to 1.10 m	498
Motion detector mounting height up to 2.20 m	500
Brightness Controller Mini	502
Brightness Controller	502
Accessories	503

Training

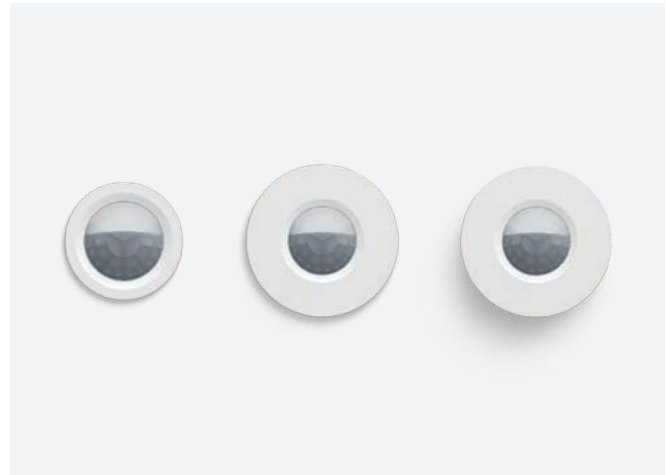
The "KNX user training documentation" online distance learning course is available free-of-charge at www.academy.gira.com alongside other training opportunities.



KNX presence and
motion detector

Intelligent presence detection

For complete, energy-efficient room control with the KNX system, a range of motion detectors, presence detectors and brightness controllers is available. Gira KNX presence detectors installed on the ceiling control the function of the KNX system via the presence of persons, while the Gira KNX brightness sensor controls the lighting dependent on the ambient brightness. Gira KNX motion detectors in switch design, on the other hand, are infrared motion detectors for indoor use.



Motion detectors to match the design line

The new Gira KNX motion detectors come with digital sensors for optimum detection. They allow lighting, heaters, ventilation, air conditioning, blinds or even scenes to be activated easily and comfortably simply by stepping into a room, corridor or stairwell. The high-precision motion detection features automatic switch-off when no more motion is detected – no manual user input necessary. Convenient, energy efficient and cost effective. The new Gira KNX motion detectors are available in two installation heights for various design lines, and can thus be perfectly integrated into the Gira design.

→ 498

Discreet installation in the ceiling –

Gira KNX presence detector Mini

The new Gira presence detectors Mini register even the slightest movement in a room. The Gira KNX presence detectors Mini control functions such as lighting, heating or air-conditioning systems in the KNX system to respond to people's presence or absence, as needed and in an energy-efficient manner. The innovative housing concept enables universal application, for ceiling installation, as a flush-mounted or surface-mounted version and also for outdoor use, depending on the mounting kit. The KNX presence detectors Mini can be used as a single device or combined with other Gira KNX presence detectors to be used as main or auxiliary units.

→ 494



Settings and control via infrared remote control

Besides the functions that can be configured via KNX, the Gira KNX presence detector Komfort also allows the device to be operated and settings adjusted conveniently via infrared remote control. The installer can adjust certain parameters for the presence detector – such as sensitivity or the brightness threshold – on site. End users can use the remote control, for example to switch on the room lights, and reactivate automatic mode again later.

→ 503

Controlling various devices by presence

The Gira KNX presence detectors Standard and Komfort allow fully-automatic and semi-automatic control of various functions in the KNX system, depending on the presence of persons in the room. For example, lighting, heating, and ventilation can be controlled in an energy-efficient manner and exactly as needed. In addition, the presence detectors can adapt their control to the behaviour of users. Gira KNX presence detectors are available as flush-mounted or surface-mounted versions.

→ 496



Presence detector
Mini
→ 494



Presence detector
→ 496



Motion detector
mounting height up
to 1.10 m
→ 498



Motion detector
mounting height up
to 2.20 m
→ 500



Brightness
Controller Mini
→ 502



Brightness
Controller
→ 502



Accessories
→ 503

Specifications Order No. P. unit PS

Presence detector Mini

Presence detector for presence monitoring (operating mode: presence detector), for motion detection (operating mode: ceiling sentinel) or for monitoring with alarm telegrams (operating mode: alarm device) indoors or outdoors. With their subtle and flat design and flexible installation concept, presence detectors Mini are particularly suitable for properties with high architectural demands.

Features

- Extreme flat installation.
- Terminal mounting on suspended ceilings.
- Ceiling mounting on stable ceilings in device box in accordance with DIN 49073 using optional accessories.
- Surface mounted installation in surface-mounted box (optional accessories).
- Protection type IP44 allows installation outdoors and in humid rooms.
- The colour emphasis of the design rings enables their colours to be adapted to the wall or ceiling.
- When the design ring has been removed, all the operating elements (e.g. the programming button) of the device can be conveniently accessed from the front. Thus, removal is not necessary for subsequent adjustment or programming via the ETS.
- Ceiling-mounted device with integrated KNX bus coupler.
- PIR sensors: three sensors, integrated brightness sensor.
- Sensitivity of the motion detection can be set manually using an adjuster.
- Sensitivity can be configured by ETS.
- Sensitivity adjuster on the device can be deactivated using the software.

Technical data

KNX medium:	TP1-256
Mounting height:	2.20 m to 5 m
Detection angle:	360°
Mounting height 3 m	
- Detection range:	Ø approx. 12 m
Brightness sensor	
- Measurement range:	10 to 2000 lx
- Detection range:	5 m Ø
Profile height on ceiling	
- Design ring:	1.25 mm
- incl. lens:	4.8 mm
Ambient temperature:	-25 °C to +55 °C
Relative humidity:	10 to 100% (without condensation)
Protection type:	IP44
Protection class:	III
KNX connection:	Connection and junction terminal
Dimensions in mm	
- Ceiling cut-out:	Ø 44 H -
- Dimensions (incl. small design ring):	Ø 53,5 H 38

Notes

- The presence detector Mini is not suitable for alarm messages in VdS-compliant alarm systems.

Specifications Order No. P. unit PS

KNX presence detector Mini Standard



TP

IS



2220 00 1 06

+ Optional accessories

Mount.kit FM install. 2241 00	→	503
Mount.kit SM install. 2242 00	→	503

Features

- Indication of motion detection (permanent or only during walking test).
- One function block configurable.
- Adjustable operating mode: ceiling sentinel, presence detector, alarm device.
- Individual device, main unit, auxiliary unit can be set.
- Operating mode for individual device or main unit: automatic, semi-automatic (manual ON / automatic OFF, or automatic ON / manual OFF).
- Two outputs (for function: ceiling sentinel, presence detector).
- Output (for function: ceiling sentinel, presence detector): switching, staircase function, switching with forced setting, dimming value transmitter, light scene auxiliary unit, temperature value transmitter, brightness value transmitter, temperature operating mode.
- Twilight stage can be set using external communication object or teach-in.
- Additional transmission delay via external communication object.
- Adaptive delay time (self-teaching additional transmission delay)
- Short-term presence function.
- Feedback of twilight stage.
- Block function.
- Manual actuation using pushbutton sensor (separate communication object).
- Switch-off brightness (for presence detectors) via teach-in.
- Measurement of time period after last motion.

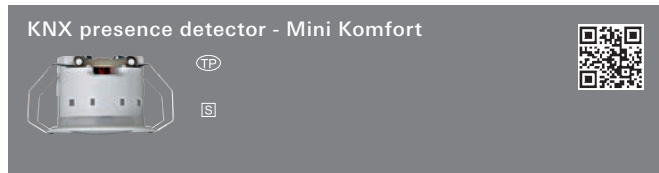
Technical data

Installation depth:	34 mm
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Scope of supply

- Small design ring is included in the scope of supply.
- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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	2225 00	1	06
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+ Optional accessories

IR remote ctrl. PIR KNX 2115 00	→	503
Mount.kit FM install. 2241 00	→	503
Mount.kit SM install. 2242 00	→	503

Features

- Indication of motion detection (permanent or only during walking test).
- Separate evaluation in the long range of the three PIR sensors with 120° detection range each with overlapping.
- Manual actuation using IR remote control.
- A maximum of 5 + 2 function blocks are configurable.
- Functions that can be set for each function block 1 to 5: ceiling sentinel, presence detector, signal mode.
- Function block 6: presence detector with light control.
- Function block 7: brightness sensor with limit value monitoring.
- Function block changeover, e.g. for day/night mode or weekday/ weekend operation.
- Function blocks 1 to 5: individual device, main unit, auxiliary unit can be set.
- Operating modes which can be set for individual device as a main unit: automatic, semi-automatic (manual ON / automatic OFF, or automatic ON / manual OFF).
- Two outputs per function block (1 to 5) for function ceiling sentinel, presence detector.
- Functions of ceiling sentinel, presence detector per output: switching, staircase function, switching with forced setting, dimming value transmitter, light scene auxiliary unit, temperature value transmitter, brightness value transmitter, temperature operating mode.
- Ceiling sentinel, presence detector: Twilight stage can be set via external communication object or per teach-in, additional transmission delay via external communication object, adaptive delay time (self-teaching additional transmission delay), short-term presence function, feedback of twilight stage, block function, manual operation using pushbutton sensor (separate communication object), switch-off brightness (for presence detectors) via teach-in, measurement of time period after last motion.
- Function of presence detector with light control: combination with function block of presence detector or individual device, setpoint value can be set, setpoint value specified via external communication object, setpoint offset via external communication object, teach-in function, feedback of the effective setpoint value.
- Function of brightness sensor with limit value monitoring: up to three limit values are configurable, functions of switching, dimming value transmitter, light scene auxiliary unit, configurable hysteresis, limit value via external communication object or teach-in, block function.

Technical data

Installation depth:	34 mm
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Scope of supply

- Small design ring is included in the scope of supply.
- KNX connection and junction terminal included in the scope of supply.

KNX presence and motion detector

Specifications Order No. P. unit PS

Presence detector

Presence detector for presence monitoring (operating mode: presence detector), for motion detection (operating mode: ceiling sentinel) or for monitoring with alarm telegrams (operating mode: alarm device) indoors.

Features

- Flush-mounted device with integrated KNX bus coupler.
- Programming LED/button is visible and can be operated when installed if the ornamental ring is removed.
- PIR sensors: three sensors (crossed light paths), integrated brightness sensor.
- Adjuster for manual correction of sensitivity.
- Sensitivity is configurable.
- Sensitivity adjuster on the device can be deactivated using the software.
- Indication of motion detection (permanent or only during walking test).

Technical data

KNX medium:	TP1-256
Mounting height:	2.20 m to 5 m
Detection angle:	360°
Mounting height 3 m	
- Detection range:	Ø approx. 20 m
Brightness sensor	
- Measurement range:	0 to 2000 lux
- Detection range:	Diameter 2 m
Ambient temperature:	-5 °C to +45 °C
Relative humidity:	5 to 93 % (no condensation)
Protection class:	III
Dimensions in mm	Ø 103 H 50

Notes

- The presence detector is not suitable for alarm messages in VdS-compliant alarm systems.
- Ceiling mounting on stable ceilings in device box or surface-mounted housing.

Specifications Order No. P. unit PS

KNX presence detector Standard



pure white **2105 02** 1 06

+ Optional accessories

SM hous. KNX pres.detec. **2110 ..** → 503
 Prot.cage **2116 00** → 503

Features

- One function block configurable.
- Indication of motion detection (permanent or only during walking test).
- Adjustable operating mode: ceiling sentinel, presence detector, alarm device.
- Individual device, main unit, auxiliary unit can be set.
- Operating mode for individual device or main unit: automatic, semi-automatic (manual ON / automatic OFF, or automatic ON / manual OFF).
- Two outputs (for function: ceiling sentinel, presence detector).
- Output (for function: ceiling sentinel, presence detector): switching, staircase function, switching with forced setting, dimming value transmitter, light scene auxiliary unit, temperature value transmitter, brightness value transmitter, temperature operating mode.
- Twilight stage can be set using external communication object or teach-in.
- Additional transmission delay via external communication object.
- Adaptive delay time (self-teaching additional transmission delay)
- Short-term presence function.
- Feedback of twilight stage.
- Block function.
- Manual actuation using pushbutton sensor (separate communication object).
- Switch-off brightness (for presence detectors) via teach-in.
- Measurement of time period after last motion.

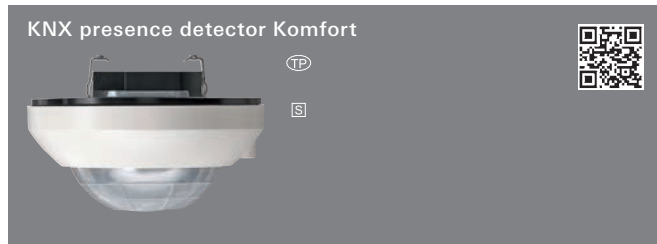
Technical data

Installation depth: 20 mm

Scope of supply

- Clip-on panel for limiting the detection field is included in the scope of supply.
- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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pure white	2106 02	1	46
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+ Optional accessories

IR remote ctrl. PIR KNX 2115 00	→	503
SM hous. KNX pres.detec. 2110 ..	→	503
Prot.cage 2116 00	→	503

Features

- Separate evaluation in the long range of the three PIR sensors with 120 ranges of detection each with overlapping.
- Manual actuation using IR remote control.
- A maximum of 5+2 function blocks are configurable.
- Functions that can be set for each function block 1 to 5: ceiling sentinel, presence detector, signal mode.
- Function block 6: presence detector with light control.
- Function block 7: brightness sensor with limit value monitoring.
- Function block changeover, e.g. for day/night mode or weekday/weekend operation.
- Function blocks 1 to 5: individual device, main unit, auxiliary unit can be set.
- Operating modes which can be set for individual device as a main unit: automatic, semi-automatic (manual ON / automatic OFF, or automatic ON / manual OFF).
- Two outputs per function block (1 to 5) for function ceiling sentinel, presence detector.
- Functions of ceiling sentinel, presence detector per output: switching, staircase function, switching with forced setting, dimming value transmitter, light scene auxiliary unit, temperature value transmitter, brightness value transmitter, temperature operating mode.
- Ceiling sentinel, presence detector: Twilight stage can be set via external communication object or per teach-in, additional transmission delay via external communication object, adaptive delay time (self-teaching additional transmission delay), short-term presence function, feedback of twilight stage, block function, manual operation using pushbutton sensor (separate communication object), switch-off brightness (for presence detectors) via teach-in, measurement of time period after last motion.
- Function of presence detector with light control: combination with function block of presence detector or individual device, setpoint value can be set, setpoint value specified via external communication object, setpoint offset via external communication object, teach-in function, feedback of the effective setpoint value.
- Function of brightness sensor with limit value monitoring: up to three limit values are configurable, functions of switching, dimming value transmitter, light scene auxiliary unit, configurable hysteresis, limit value via external communication object or teach-in, block function.

Technical data

Installation depth:	20 mm
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Scope of supply

- Clip-on panel for limiting the detection field is included in the scope of supply.
- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

Motion detector mounting height up to 1.10 m

Features

- Installation on bus coupler 3.
- Configurable for motion detection (sentinel application) or for room monitoring (detector application).
- Evaluation of brightness during active motion detection in sentinel mode. Switching off lights when brightness threshold is exceeded.
- Configurable number of motion impulses within one monitoring time in detection mode.
- Digital motion detection via 2 PIR sensors.
- Sensitivity of motion detection can be parameterised separately in steps for the PIR sectors.
- Integrated brightness sensor for determining ambient brightness.

Technical data

KNX medium:	TP1-256
Mounting height up to 1.10 m	
- Range of detection forwards:	max. 32 m
- Range to each side:	max. 19 m
Detection angle:	180°
Brightness sensor	
- Measurement range:	approx. 1 to 1000 lx
Protection type	
- System 55, Gira E22, Gira F100:	IP20
- TX_44:	IP44
Ambient temperature:	-5 °C to +45 °C

Notes

- Suitable for indoor use only.
- The motion detector is not suitable for alarm messages in VdS-compliant alarm systems.

Specifications Order No. P. unit PS

N New product.
Replaces KNX automatic control switch 0880 ..
KNX motion detector Standard 1.10 m



System 55

cream white glossy	2040 01	1	06
pure white glossy	2040 03	1	06
pure white matt	2040 27	1	06
anthracite	2040 28	1	06
colour aluminium	2040 26	1	06
black matt	2040 005	1	06
stainless steel (lacquered)	2040 600	1	06

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

Aluminium (lacquered)	2040 203	1	06
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TX_44

pure white	2040 66	1	06
anthracite	2040 67	1	06
colour aluminium	2040 65	1	06

+ Necessary accessories

Bus coup.3 2008 00	→	432
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Features

- Adjustment of sensitivity via a dial on the device.
- Indication of motion detection (permanent or only during walking test).
- One function block configurable.
- Function block for the "sentinel", "sentinel with switch-off brightness" or "detector" application configurable.
- Two output communication objects are available to the function block which are transmitted to the KNX via the switching and control commands.
- Configurable functions: switching, staircase function, dimming value transmitter, scene auxiliary unit, temperature value transmitter, brightness value transmitter, operating mode changeover, switching with forced setting.
- Switching the operating mode (OFF/AUTO/ON) during operation either at the device or via a communication object through operation at other KNX motion detector devices via KNX touch sensor or visualisation.
- In brightness-independent operation, the function block can determine the time span after a previous movement and transmit it to the KNX via a communication object. This function allows for simple monitoring of movements, for example of persons in assisted living residences or in a retirement home.
- Functionality of motion detection adjustable for the "sentinel" or "sentinel with switch-off brightness" application.
- For the "sentinel" or "sentinel with switch-off brightness" applications, the device can be used as a single device, main unit or auxiliary unit.
- Walking test function to help in planning and adjusting the PIR detection range.

Specifications Order No. P. unit PS

N New product.
Replaces KNX automatic control switch 1304 ..
KNX motion detector Komfort 1.10 m




Specifications Order No. P. unit PS

Technical data

Temperature sensor
- Measurement range: -5 °C to +45 °C
- Precision: ±1 K

System 55

cream white glossy	2050 01	1	06
pure white glossy	2050 03	1	06
pure white matt	2050 27	1	06
anthracite	2050 28	1	06
colour aluminium	2050 26	1	06
black matt	2050 005	1	06
stainless steel (lacquered)	2050 600	1	06

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

Aluminium (lacquered)	2050 203	1	06
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TX_44

pure white	2050 66	1	06
anthracite	2050 67	1	06
colour aluminium	2050 65	1	06

+ Necessary accessories

Bus coup.3 2008 00		→	432
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+ Optional accessories

IR remote ctrl. PIR KNX 2115 00		→	503
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Features

- Adjustment of sensitivity via a dial on the device or via IR remote control PIR KNX (accessory).
- Evaluation of the measured brightness by means of up to three independent brightness limits.
- Indication of motion detection (permanent or only during walking test).
- Up to 5 function blocks that are freely configurable for the "sentinel", "sentinel with switch-off brightness" or "detector" application.
- Two output communication objects are available for each function block which are transmitted to the KNX via the switching and control commands.
- Configurable functions: switching, staircase function, dimming value transmitter, scene auxiliary unit, temperature value transmitter, brightness value transmitter, operating mode changeover, switching with forced setting.
- Function block changeover to bus-controlled switching between two function block groups.
- Changeover of operating mode (OFF / AUTO / ON) of the first function block during operation via on-site operation.
- Blocking individual function blocks as required via the KNX.
- Manual actuation of the controlled KNX actuators, and therefore deactivation of automatic PIR operation, is possible.
- In brightness-independent operation, a function block can determine the time span after a previous movement and transmit it to the KNX via a communication object. This function allows for simple monitoring of movements, for example of persons in assisted living residences or in a retirement home.
- Functionality of motion detection adjustable for the "sentinel" or "sentinel with switch-off brightness" application.
- For the "sentinel" or "sentinel with switch-off brightness" applications, the device can be used as a single device, main unit or auxiliary unit.
- Walking test function to help in planning and adjusting the PIR detection range.
- Integrated room temperature measurement.
- Tamper alarm, a 1-bit or 1-byte telegram is triggered when bus coupler is disconnected.
- IR remote control PIR KNX (accessory) for setting functions of the first function block (dusk stage, sensitivity of motion detection, motion evaluation and overrun time). Switching walking test function on and off.

Specifications Order No. P. unit PS

Motion detector mounting height up to 2.20 m

Features

- Installation on bus coupler 3.
- Configurable for motion detection (sentinel application) or for room monitoring (detector application).
- Evaluation of brightness during active motion detection in sentinel mode. Switching off lights when brightness threshold is exceeded.
- Configurable number of motion impulses within one monitoring time in detection mode.
- Digital motion detection via 2 PIR sensors.
- Sensitivity of motion detection can be parameterised separately in steps for the PIR sectors.
- Integrated brightness sensor for determining ambient brightness.

Technical data

KNX medium:	TP1-256
Mounting height of 2.20 m	
- Range of detection forwards:	max. 15 m
- Range to each side:	Max. 10 m
Mounting height up to 1.10 m	
- Range of detection forwards:	Max. 10 m
- Range to each side:	max. 9 m
Detection angle:	180°
Brightness sensor	
- Measurement range:	approx. 1 to 1000 lx
Protection type	
- System 55, Gira E22, Gira F100:	IP20
- TX_44:	IP44
Ambient temperature:	-25 °C to +55 °C

Notes

- The motion detector is not suitable for alarm messages in VdS-compliant alarm systems.
- Also suitable for mounting height of 1.1 m (reduced detection range).

Specifications Order No. P. unit PS

N New product.
Replaces KNX automatic control switch 0889 ..
KNX motion detector Standard 2.20 m



System 55

cream white glossy	2041 01	1	06
pure white glossy	2041 03	1	06
colour aluminium	2041 26	1	06
pure white matt	2041 27	1	06
anthracite	2041 28	1	06
black matt	2041 005	1	06
stainless steel (lacquered)	2041 600	1	06

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

Aluminium (lacquered)	2041 203	1	06
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TX_44

pure white	2041 66	1	06
anthracite	2041 67	1	06
colour aluminium	2041 65	1	06

+ Necessary accessories

Bus coup.3 2008 00	→	432
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Features

- Adjustment of sensitivity via a dial on the device.
- Indication of motion detection (permanent or only during walking test).
- One function block configurable.
- Function block for the "sentinel", "sentinel with switch-off brightness" or "detector" application configurable.
- Two output communication objects are available to the function block which are transmitted to the KNX via the switching and control commands.
- Configurable functions: switching, staircase function, dimming value transmitter, scene auxiliary unit, temperature value transmitter, brightness value transmitter, operating mode changeover, switching with forced setting.
- Switching the operating mode (OFF/AUTO/ON) during operation either at the device or via a communication object through operation at other KNX motion detector devices via KNX touch sensor or visualisation.
- In brightness-independent operation, the function block can determine the time span after a previous movement and transmit it to the KNX via a communication object. This function allows for simple monitoring of movements, for example of persons in assisted living residences or in a retirement home.
- Functionality of motion detection adjustable for the "sentinel" or "sentinel with switch-off brightness" application.
- For the "sentinel" or "sentinel with switch-off brightness" applications, the device can be used as a single device, main unit or auxiliary unit.
- Walking test function to help in planning and adjusting the PIR detection range.

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
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N New product.
Replaces KNX automatic control switch 1305 ..
KNX motion detector Komfort 2.20 m


Technical data

Temperature sensor	
- Measurement range:	-20 °C to +55 °C
- Precision:	±1 K

System 55

cream white glossy	2051 01	1	06
pure white glossy	2051 03	1	06
colour aluminium	2051 26	1	06
pure white matt	2051 27	1	06
anthracite	2051 28	1	06
black matt	2051 005	1	06
stainless steel (lacquered)	2051 600	1	06

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

Aluminium (lacquered)	2051 203	1	06
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TX_44

pure white	2051 66	1	06
anthracite	2051 67	1	06
colour aluminium	2051 65	1	06

+ Necessary accessories

Bus coup.3 2008 00	→	432
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+ Optional accessories

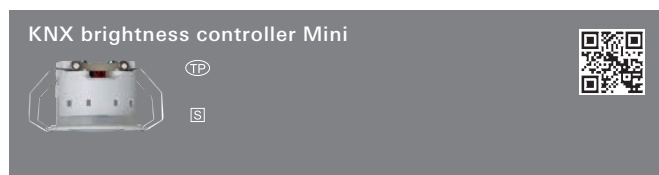
IR remote ctrl. PIR KNX 2115 00	→	503
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Features

- Adjustment of sensitivity via a dial on the device or via IR remote control PIR KNX (accessory).
- Evaluation of the measured brightness by means of up to three independent brightness limits.
- Indication of motion detection (permanent or only during walking test).
- Up to 5 function blocks that are freely configurable for the "sentinel", "sentinel with switch-off brightness" or "detector" application.
- Two output communication objects are available for each function block which are transmitted to the KNX via the switching and control commands.
- Configurable functions: switching, staircase function, dimming value transmitter, scene auxiliary unit, temperature value transmitter, brightness value transmitter, operating mode changeover, switching with forced setting.
- Function block changeover to bus-controlled switching between two function block groups.
- Switching the operating mode (OFF/AUTO/ON) of the first function block during operation either at the device or via a communication object through operation at other KNX motion detector devices via KNX touch sensor or visualisation.
- Blocking individual function blocks as required via the KNX.
- Manual actuation of the controlled KNX actuators, and therefore deactivation of automatic PIR operation, is possible.
- In brightness-independent operation, a function block can determine the time span after a previous movement and transmit it to the KNX via a communication object. This function allows for simple monitoring of movements, for example of persons in assisted living residences or in a retirement home.
- Functionality of motion detection adjustable for the "sentinel" or "sentinel with switch-off brightness" application.
- For the "sentinel" or "sentinel with switch-off brightness" applications, the device can be used as a single device, main unit or auxiliary unit.
- Walking test function to help in planning and adjusting the PIR detection range.
- Integrated room temperature measurement.
- Tamper alarm, a 1-bit or 1-byte telegram is triggered when bus coupler is disconnected.
- IR remote control PIR KNX (accessory) for setting functions of the first function block (dusk stage, sensitivity of motion detection, motion evaluation and overrun time). Switching walking test function on and off.

Specifications Order No. P. unit PS

Brightness Controller Mini



2210 00 1 06

+ Optional accessories

Mount.kit FM install. **2241 00** → 503
 Mount.kit SM install. **2242 00** → 503

Features

- The brightness controller is mounted to the ceiling directly above the area to be illuminated, for example above a workplace.
- Analyses the lighting conditions of the area beneath it.
- Brightness control can be activated and deactivated via a push button or with motion or presence detectors.
- Extreme flat installation.
- Terminal mounting on suspended ceilings.
- Ceiling mounting on stable ceilings in device box in accordance with DIN 49073 using optional accessories.
- Surface mounted installation in surface-mounted box (optional accessories).
- Protection type IP44 allows installation outdoors and in humid rooms.
- The colour emphasis of the design rings enables their colours to be adapted to the wall or ceiling.
- When the design ring has been removed, the programming button of the device can be conveniently accessed from the front.

Brightness sensor with limit value monitoring

- Up to three limit values can be set in the parameters.
- The switching, dimming value transmitter, light scene auxiliary unit, and hysteresis functions can be configured.
- Limit value can be changed using communication object or teach-in.
- When coupled to the lighting system, lighting is dimmed (constant light control) or switched (2-point control) depending upon the daylight level.
- Including block function.

Technical data

KNX medium: TP1-256
 Brightness sensor
 - Measurement range: 10 to 2000 lx
 - Detection range: Ø approx. 5 m
 Protection class: III
 Protection type: IP44
 KNX connection: Connection and junction terminal
 Installation depth: 34 mm
 Ambient temperature: -25 °C to +55 °C
 Dimensions in mm
 - Ceiling cut-out: Ø 44 H -
 - Dimensions (with small design ring): Ø 53,5 H 38

Scope of supply

- Small design ring is included in the scope of supply.
- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

Brightness Controller

Features

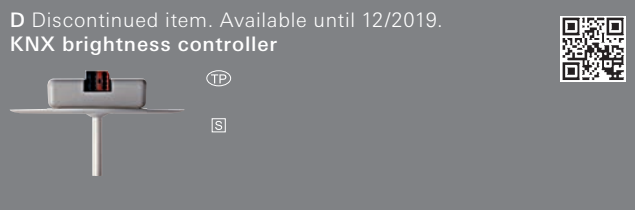
- 2-point control (switching) or constant light control (dimming above value) can be configured.
- Constant light control: max. five various dimmable light groups can be set via a brightness value.
- 2-point control: "automatic switch-on only" and "automatic switch-off only" of lighting are possible.
- Transmission of measured brightness value as 2-byte value to the bus. Transmission in case of modification, for a read request, or cyclically.
- Cyclical transmission of switching and dimming value commands for light control.
- Behaviour can be configured following bus voltage recovery.
- Specified setpoint value for brightness control via parameter or via the bus with 2-byte communication objects.
- Calibration of sensor brightness value determined by device via independent reference measurement and bus telegram.

Technical data

KNX medium: TP1-256
 Ambient temperature: -5 °C to +45 °C
 Protection class: III
 Measurement range: 0 to 2000 lx
 Dimensions in mm
 - Flush-mounted without lid: W 50 H 35 D 15
 - Surface-mounted without light conductor: W Ø 70 H 33 D

Notes


- Brightness control can be activated and deactivated via a button or with motion or presence detectors.




Flush-mounted **2102 00** 1 06
 Surface-Mounted **2103 00** 1 06

Specifications Order No. P. unit PS

Accessories


IR remote control PIR KNX 




2115 00 1 06

- + Necessary accessories**
 One of the following articles:
- Pres.detec.Mini Komfort **2225 00** → 495
 - Pres.detec.Komfort **2106 ..** → 497
 - KNX motion detec.Komfort 1.10 m **2050 ..** → 499
 - KNX motion detec.Komfort 2.20 m **2051 ..** → 501

Features
 - Infrared remote control for manual operation and setting of the KNX presence detector Comfort.

Surface-mounted housing for KNX presence detector 



pure white 2110 02 1 06

- + Necessary accessories**
 One of the following articles:
- Pres.detec.Standard **2105 ..** → 496
 - Pres.detec.Komfort **2106 ..** → 497

Features
 - For mounting on the ceiling.

Technical data
 Dimensions in mm Ø 103 H 18

Protective cage 




pure white 2116 00 1 01


- + Optional accessories**
- Auto.ctrl.sw. 360° **2270 ..** → 308
 - Pres.detec.Komfort top **0317 ..** → 309
 - Pres.detec.Standard **2105 ..** → 497
 - Pres.detec.Komfort **2106 ..** → 497
 - S3000 pres. + motion detec. 360° top BT **5377 02** → 267

Features
 - Protective cage for presence detector
 - Lacquered, plastic-coated steel cage.

Technical data
 Dimensions in mm Ø 180 H 90

Specifications Order No. P. unit PS

Mounting kit for flush-mounted installation 




2241 00 1 06

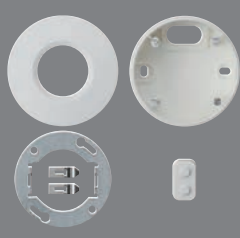
- + Necessary accessories**
 One of the following articles:
- Pres.detec.Mini Standard **2220 00** → 494
 - Pres.detec.Mini Komfort **2225 00** → 495
 - Brightn.cont. Mini **2210 00** → 502

Features
 - For installation in a device box.

Technical data
 Dimensions in mm
 - Design ring: Ø 80 H 3

Notes
 - Use only for the KNX presence detector Mini or KNX brightness controller Mini.

Mounting kit for surface-mounted installation 



2242 00 1 06

- + Necessary accessories**
 One of the following articles:
- Pres.detec.Mini Standard **2220 00** → 494
 - Pres.detec.Mini Komfort **2225 00** → 495
 - Brightn.cont. Mini **2210 00** → 502

Features
 - For surface-mounted installation on the ceiling.

Technical data
 Dimensions in mm Housing

- Housing: Ø 83 H 49
- Design ring: Ø 80 H 3

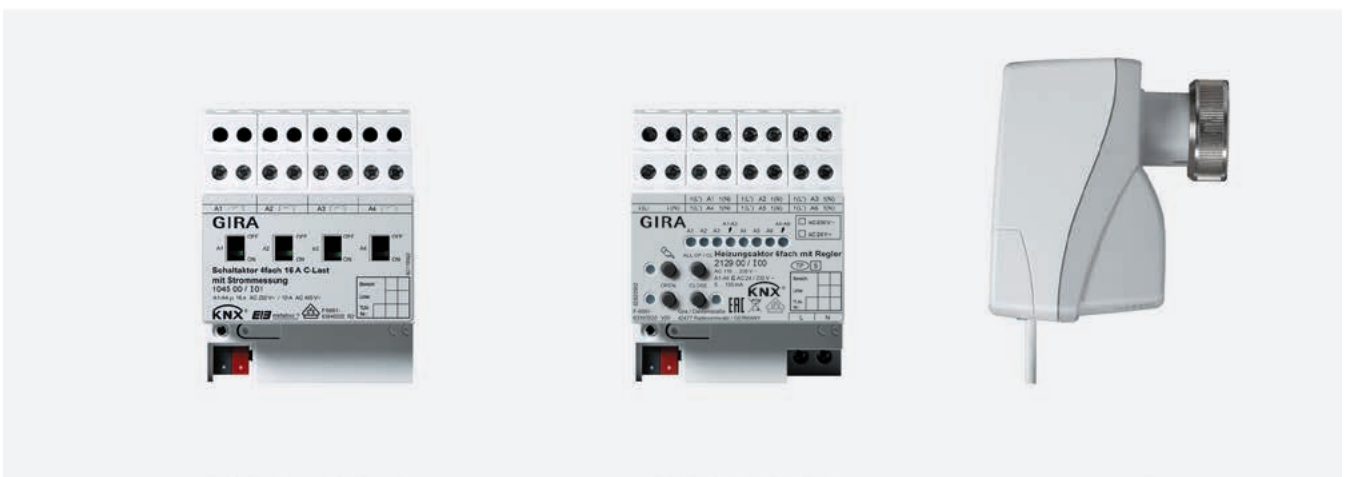
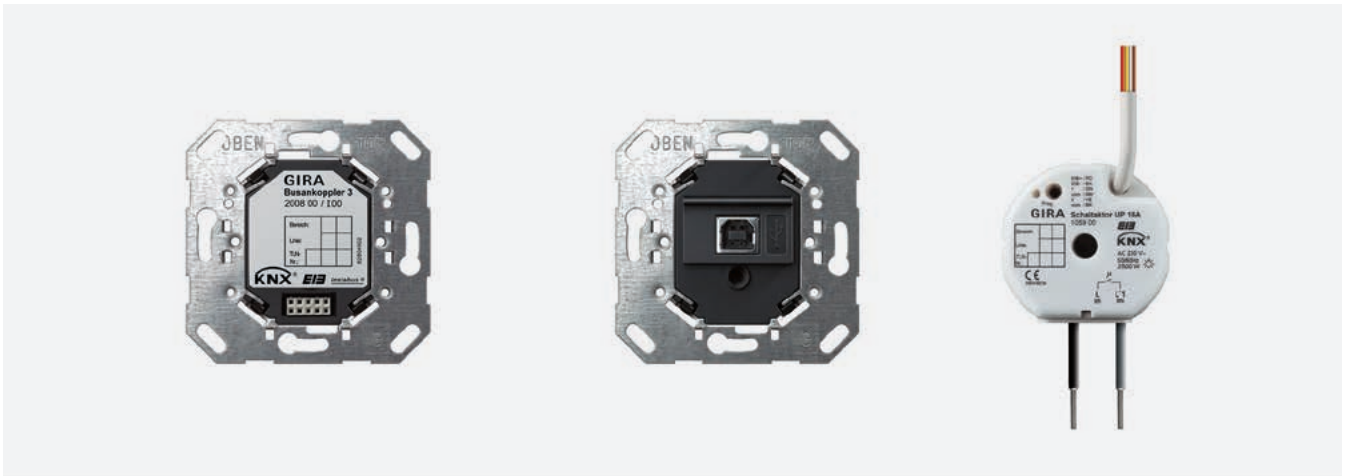
Notes
 - Use only for the KNX presence detector Mini or KNX brightness controller Mini.

Gira KNX system devices, actuators, sensors, accessories

- Flush-mounted actuators 508
- Power supplies 512
- System devices 513
- Switching 516
- Switching / blinds 519
- Blinds 520
- Shutter 522
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- Heating, ventilation, air conditioning 528
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- Anologue Sensor Interface 535
- Universal button interfaces 536
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Training

The "KNX user training documentation" online distance learning course is available free-of-charge at www.academy.gira.com alongside other training opportunities.



KNX system devices, actuators, sensors

More options thanks to intelligent and functional products

As a systems provider, Gira makes available numerous components for building a powerful KNX system. The Gira product range includes a broad spectrum of different sensors, actuators and system devices. This makes it possible to create intelligent building system technology that is always state of the art.



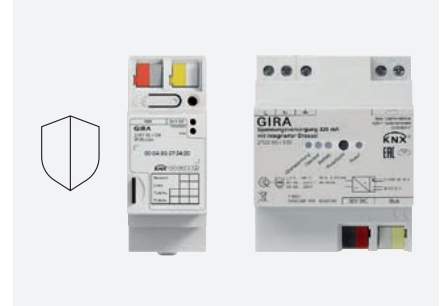
Precise execution of commands

The actuators in the KNX system convert commands from presence detectors, buttons and automatic switches into actions. Blinds are raised and lowered, awnings extended and retracted. Lighting systems are controlled or the heating is turned on and off. This enables Gira building systems technology to deliver intelligent and efficient resource management.



Controlling electrothermic servos

The 6-gang Gira KNX heating actuator with integrated regulator controls heating and cooling circuits. It operates electrothermic actuators on radiators or underfloor heating manifolds to control the hot water flow. Up to four AC 230 V servos or up to two AC 24 V servos can be controlled per channel. The actuator is suitable for private homes as well as for commercial properties.



KNX system devices as basis and extension of the KNX system

Gira KNX system devices are used to establish a KNX communication structure and supply the KNX system with power. A variety of gateways from the Gira KNX range additionally allow you to connect to other systems, e. g. DALI. Thanks to the new KNX IP router Secure, KNX communication is now protected against tampering and other attacks and is safe to transmit through the building's IT infrastructure.



New possibilities for intelligent room temperature control

The Gira KNX servo 3 is used to control room temperatures for heating systems. It is suitable for use with heaters, radiators, convectors, in heating circuit distributors, for example for underfloor heating, and many other systems. The servo is installed directly on a valve connection (M30 x 1.5). The special features of the Gira KNX servo 3 include an integrated room temperature sensor, intelligent time-switched valve flushing and other convenient software functions.



Intelligent evaluation of environmental influences

The Gira KNX system offers various products that analyse and evaluate data from the surroundings including brightness, temperature and weather data, and then forward it to various actuators. These then control, for example, lighting, heating, blinds and awnings, but also motorised windows.



VDE-tested safety

Nearly all Gira KNX products suitable for 230 V mains voltage are also tested for electric safety in accordance with the standards of the Association of German Electrical Engineers (VDE), which can be recognised by the VDE logo, e. g. on the device label.



Flush-mounted
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Specifications Order No. P. unit PS

Flush-mounted actuators

Features

- Free assignment of the functions switching, dimming, blind and value transmitter to the inputs.
- Blocker for blocking individual inputs.
- Behaviour upon bus voltage recovery can be configured separately for each input.
- Telegram rate limit.
- Switching function: two independent switching objects are available for each existing input and can be enabled individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction).
- Dimming function: single-surface and double-surface operation, time between dimming and switching, and dim-step size can be set, telegram repetition and stop telegram transmission possible.
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set.
- Value transmitter and light scene auxiliary unit function: edge (button as NO contact, button as NC contact, switch) and value with edge can be configured, value adjustment with button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible.

Technical data

Ambient temperature: -5 °C to +45 °C
 Dimensions in mm W 48 H 51 D 28

Notes

- For installation in a device box (electronics box from Kaiser recommended). Flush-mounted, Kaiser Order No.: **1068-02**, cavity wall, Kaiser Order No.: **9062-94**, halogen-free, Kaiser Order No.: **9062-74**.
- The connection of the outputs is made via a flexible, approx. 20 cm long cable.
- The binary inputs and KNX bus are connected via a 6-wire, approx. 30 cm long connection line, which may be extended to a maximum length of 5 m.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

Specifications Order No. P. unit PS

KNX switching actuator, 1-gang 16 A



Flush-mounted **1059 00** 1/100 06

+ Optional accessories

Rocker btn 2-way m-c 2-g **0155 00** → 226
 Junction box **0070 30** → 202

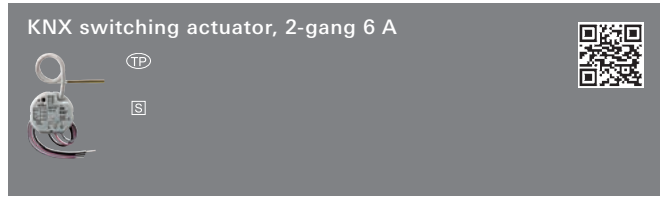
Features

- Flush-mounted switching actuator, 1-gang with two binary inputs. Zero-voltage contacts can be connected to the two binary inputs. The two inputs can perform various functions or be blocked independently of each other in the process.
- The factory settings assign Input "1" to the switching actuator, enabling operation without programming.
- Output can be parameterised as NO contact or NC contact
- Selection of preferred position for bus power failure and recovery.
- Switch-on/off delay or time switch function can be set.
- Output with three objects: switching, feedback, and additional function (linking, block function, or forced setting)
- Feedback object can be inverted.

Technical data

KNX medium: TP1-64
 Rated voltage: AC 250 V, 50/60 Hz
 Switching current: 16 A
 Relay contact: 1 x zero-voltage NO contact
 Connected load
 - Light bulbs: 2500 W
 - HV halogen lamps: 2200 W
 - Wound transformer: 1000 VA
 - Gira Tronic transformer: 1000 W
 - Capacitive load: 10 A, max. 105 µF
 Number of inputs: 2 x zero-voltage

Specifications Order No. P. unit PS



Flush-mounted **1057 00** 1/5 06

+ Optional accessories

Rocker btn 2-way m-c 2-g **0155 00** → 226
 Junction box **0070 30** → 202

Features

- Flush-mounted switching actuator, 2-gang with two binary inputs. Zero-voltage contacts can be connected to the two binary inputs. The two inputs can perform various functions or be blocked independently of each other in the process.
- The factory settings assign Input "1" to the switching actuator, enabling operation without programming.
- Output can be parameterised as NO contact or NC contact
- Selection of preferred position for bus power failure and recovery.
- Switch-on/off delay or time switch function can be set.
- Output with three objects: switching, feedback, and additional function (linking, block function, or forced setting)
- Feedback object can be inverted.

Technical data

KNX medium: TP1-64
 Rated voltage: AC 250 V, 50/60 Hz
 Switching current: 6 A
 Relay contact: 2 x zero-voltage NO contact
 Connected load
 - Light bulbs: 1200 W
 - HV halogen lamps: 1200 W
 - Wound transformer: 500 VA
 - Gira Tronic transformer: 500 W
 - Capacitive load: 6 A, max. 14 µF
 Number of inputs: 2 x zero-voltage

Specifications Order No. P. unit PS



50 – 210 W/VA
 Flush-mounted **1058 00** 1/5 06

+ Optional accessories

Rocker btn 2-way m-c 2-g **0155 00** → 226
 Junction box **0070 30** → 202

Tronic transformers

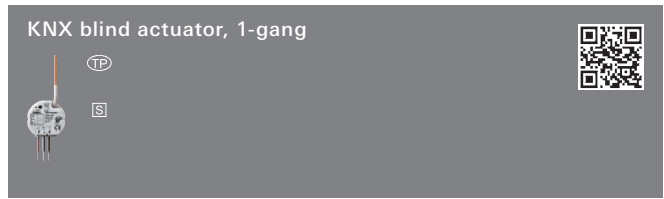
Features

- Flush-mounted dimming actuator with two binary inputs.
- Zero-voltage contacts can be connected to the two binary inputs.
- The two inputs can perform various functions or be blocked independently of each other in the process.
- The factory settings assign the inputs to the dimming actuator, enabling operation without programming.
- Switching and dimming of lamps.
- Switch-on and dimming behaviour can be set with parameters.
- Feedback of switching condition and brightness value.
- Time dimmer and bulb-saving switch-on and switch-off can be parameterised.
- Dimming or brightening of brightness values.
- Time-delayed switch-off when a switch-off brightness is fallen below is possible.
- Messages to indicate short circuits or load failures are possible.
- Light scene operation is possible.
- Blocking operation can be activated with an object with a parameterisable brightness value at the start and end of the suspension.
- Behaviour of the dimming actuator following bus voltage recovery can be specified.

Technical data

KNX medium: TP1-256
 Rated voltage: AC 230 V, 50/60 Hz
 Connected load
 - Ohmic load: 50 to 210 W
 - Light bulbs: 50 to 210 W
 - HV halogen lamps: 50 to 210 W
 - Wound transformer: 50 to 210 VA
 - Gira Tronic transformer: 50 to 210 W
 - Ohmic-inductive: 50 to 210 VA
 - Ohmic-capacitive: 50 to 210 W
 - Capacitive-inductive: Not permissible
 Number of inputs: 2 x zero-voltage

Specifications Order No. P. unit PS



Flush-mounted **2165 00** 1/100 06

+ Optional accessories

Rocker btn 2-way m-c 2-g **0155 00** → 226
 Junction box **0070 30** → 202

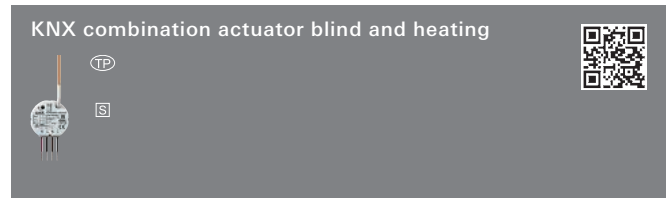
Features

- The blind actuator has three binary inputs for the controlling of the connected blind, shutter, awning or ventilation flap in the state of delivery.
- Operating mode can be configured: blinds, shutters, awnings or ventilation flaps.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Assignments of up to five different safety functions (three wind alarms, one rain alarm, one frost alarm) or optionally with cyclical monitoring.
- Sun protection function with fixed and variable curtain or slat positions can be activated.
- Integration in complex shading systems, optionally with automatic heating/cooling and presence function.
- Behaviour after bus voltage failure and recovery can be set.
- Feedback can be delayed until after the recovery of bus voltage.
- Forced setting function can be realised for each blind output.
- Integration in scenes is possible, 8 internal scenes at the most can be parameterised per channel.
- Memory function for light scenes.

Technical data

KNX medium: TP1-64 (as of index I03 TP1-256)
 Rated voltage: 110 to 240 V AC, 50/60 Hz
 Blind output
 - Switching current: 3 A / AC 1
 - Motors AC 230 V: 600 VA
 - Motors AC 110 V: 300 VA
 Number of inputs: 3 x zero-voltage

Specifications Order No. P. unit PS



Flush-mounted **2164 00** 1 06

+ Optional accessories

Rocker btn 2-way m-c 2-g **0155 00** → 226
 Therm.servo 230 V **2169 00** → 341
 Junction box **0070 30** → 202

Features

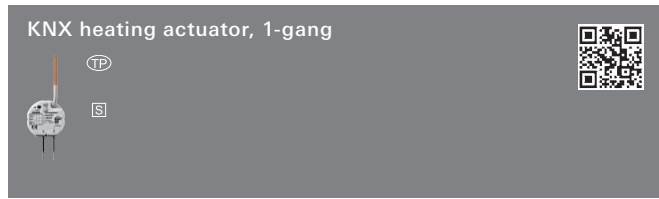
- The combination actuator blind and heating is a combination of a blind actuator with a heating actuator. It has three binary inputs for controlling the connected blind, shutter, awning or ventilation flap in the state of delivery.
- Operating mode can be configured: blinds, shutters, awnings or ventilation flaps.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Assignments of up to five different safety functions (three wind alarms, one rain alarm, one frost alarm) or optionally with cyclical monitoring.
- Sun protection function with fixed and variable curtain or slat positions can be activated.
- Integration in complex shading systems, optionally with automatic heating/cooling and presence function.
- Behaviour after bus voltage failure and recovery can be set.
- Feedback can be delayed until after the recovery of bus voltage.
- Forced setting function can be realised for each blind output.
- Integration in scenes is possible, 8 internal scenes at the most can be parameterised per channel.
- Memory function for light scenes.
- Output, can be controlled via a corrected variable (1-bit or 1-byte).
- Status feedback (1-bit or 1-byte) automatically or on read request.
- Valve control (open/closed while de-energized) can be configured.
- Summer or winter mode can be selected via an object.
- Cyclical monitoring of the corrected variable; if a corrected variable telegram remains off within a monitoring period, the output switches into emergency mode and an alarm message is sent.
- Each output can be locked in a forced position, and different values are possible for summer and winter operation.
- Behaviour upon bus voltage recovery and fails can be parameterised separately for each output.
- Messages to indicate short circuits or load failures can be set via an object.
- Control of servos in switching operation or PWM operation.
- Protective function against jammed valve.

Technical data

KNX medium: TP1-64 as of index I02 TP1-256)
 Rated voltage: AC 230/240 V, 50/60 Hz
 Blind output
 - Switching current: 3 A / AC 1
 - Motors AC 230 V: 600 VA
 Heating output
 - Switching contact: Triac
 - Switching current: 5 to 25 mA
 - Number of drives per output: max. 2
 Number of inputs: 3 x zero-voltage

KNX system devices, actuators, sensors

Specifications	Order No.	P. unit	PS
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Flush-mounted	2166 00	1	06
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+ Optional accessories

Rocker btn 2-way m-c 2-g 0155 00	→	226
Therm.servo 230 V 2169 00	→	341
Junction box 0070 30	→	202

Features

- Heating actuator with three binary inputs for controlling electrothermic servos.
- Output, can be controlled via a corrected variable (1-bit or 1-byte).
- Status feedback (1-bit or 1-byte) automatically or on read request.
- Valve control (open/closed while de-energized) can be configured.
- Summer or winter mode can be selected via an object.
- Cyclical monitoring of the corrected variable; if a corrected variable telegram remains off within a monitoring period, the output switches into emergency mode and an alarm message is sent.
- Each output can be locked in a forced position, and different values are possible for summer and winter operation.
- Behaviour upon bus voltage recovery and fails can be parameterised separately for each output.
- Messages to indicate short circuits or load failures can be set via an object.
- Control of servos in switching operation or PWM operation.
- Protective function against jammed valve.

Technical data

KNX medium:	TP1-64 (as of index I01 TP1-256)
Rated voltage:	AC 230/240 V, 50/60 Hz
Heating output	
- Switching contact:	Triac
- Switching current:	5 to 25 mA
- Number of drives per output:	max. 2
Number of inputs:	3 x zero-voltage

Specifications Order No. P. unit PS

Power supplies

Power supplies for supplying KNX devices with bus voltage.

Features

- Output with integrated choke to supply KNX bus lines.
- Output DC 30 V to supply additional devices.
- Rated current can be flexibly split up amongst outputs.
- Reset button.
- Short-circuit-proof.
- Overvoltage protection.
- Open circuit-proof.
- Suitable for operation in systems with emergency power supply.
- Isolated signal contact for operating message and diagnostic message.

Technical data

Rated voltage	
- AC:	AC 200 to 240 V, 50/60 Hz
- DC:	DC 240 to 250 V
Output voltage	
- KNX line:	DC 28 to 31 V SELV
- Additional output:	DC 30 V
Signal output	
- AC switching voltage:	AC 12 to 230 V
- Switching voltage DC:	DC 2 to 30 V
- Switching current:	5 mA to 2 A
Connections	
- KNX:	Connection and junction terminal
- Mains voltage:	Screw terminals
- :	max. 4 mm ²
Ambient temperature:	-5 °C to +45 °C

Notes

- Installation on DIN top-hat rail.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

KNX power supply 160 mA with integrated choke



2120 00 1 66

Features

- Two KNX power supplies of the same type can be connected in parallel.

Technical data

Output current:	160 mA
Short-circuit current:	max. 1 A
Dimensions	
- Modular widths (MW):	4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

KNX power supply 320 mA with integrated choke



2122 00 1 66

Features

- Two KNX power supplies of the same type can be connected in parallel.

Technical data

Output current:	320 mA
Short-circuit current:	max. 1 A
Dimensions	
- Modular widths (MW):	4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

KNX power supply 640 mA with integrated choke



2130 00 1 66

Features

- Two KNX power supplies of the same type can be connected in parallel.

Technical data

Output current:	640 mA
Short-circuit current:	max. 1.5 A
Dimensions	
- Modular widths (MW):	4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

KNX power supply 1280 mA with integrated choke



2138 00 1 66

Technical data

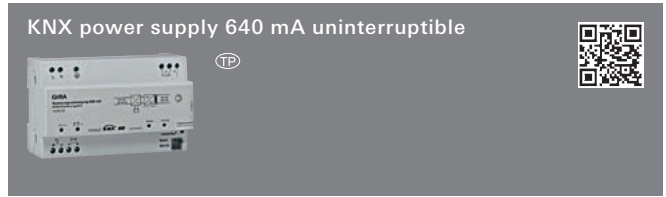
Output current:	1280 mA
Short-circuit current:	max. 3 A
Dimensions	
- Modular widths (MW):	6

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

System devices



DRA 1079 00 1/100 26

+ Necessary accessories
 Rech.lead acid bat. 12 V 12 Ah 1130 00 → 538
 Basic cab.set 1128 00 → 538

+ Optional accessories
 Extension cab.set 1129 00 → 538

- Features**
- The uninterruptible power supply 640 mA generates the KNX system voltage.
 - With integrated choke for de-coupling the bus line from the power supply.
 - With connections for a lead-gel rechargeable accumulators for buffering KNX voltage in case of a mains failure.
 - Up to two lead-gel rechargeable accumulators can be connected and charged via the uninterruptible power supply.
 - The charging voltage is controlled depending on the temperature using a temperature sensor.
 - The uninterruptible power supply has a zero-voltage 2-way switch for reporting a fault (e.g. mains failure, battery failure, overload, or short circuit).

Technical data

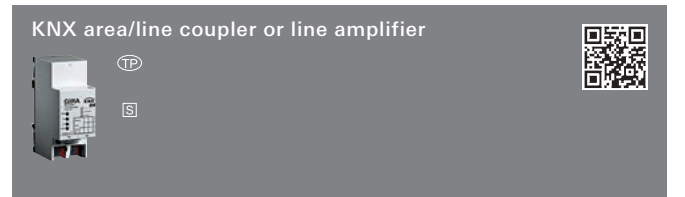
Primary rated voltage:	AC 230 V, 50 / 60 Hz
Secondary rated voltage:	DC 28 to 31 V SELV
Secondary rated current:	640 mA, short-circuit-proof
Zero-voltage 2-way switch:	AC 230 V, 6A
Connections	
- KNX:	Connection and junction terminal
- Load:	Screw terminals
- :	max. 4 mm ²
Dimensions	
- Modular widths (MW):	8

- Notes**
- Connection is made via KNX bus connection or junction terminals (no data rail required).
 - Recommendation: Overvoltage protection for Gira KNX products.
 - Overvoltage diverter BUSector BT 24, manufacturer: DEHN + SÖHNE, Article No. 925001.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus 1023 00 1/100 66

- Features**
- The area/line coupler connects two KNX lines to each other for data transfer and ensures electrical isolation between these lines. As a result, each bus line of a KNX installation can be operated electrically independently of the other lines.

- Area/line coupler**
- Use as an area or line coupler, depending on the specification of the physical address and parameterisation.
 - Reduction of the bus load via filter function (filter table).
 - Forwarding of group telegrams can be parameterised.
 - Repetition rate in the case of transfer errors.
 - Telegram confirmation can be parameterised.
 - Support of the completely expanded group address area from 0 to 31 with the functions "block", "forward unfiltered", and "filter" in both communication directions between the main and subline.
 - "Forward unfiltered" and "block" functions can also be selected for physically addressed telegrams between main and subline in both communication directions (programming and tamper protection).
 - "Repeat: yes/no" function can be set separately in case of transfer errors on the main or subline for the telegram type "Broadcast".
 - Telegram confirmation on the main and subline possible separately for group telegrams and physically addressed telegrams with the settings "always" and "for forwarding only".
 - For physically addressed telegrams, the setting "always reject NACK (Not-Acknowledge)" can be selected (programming protection with feedback).

- Line amplifier**
- As a line amplifier, extending the lines to max. four line segments (max. three line amplifiers per line connected in parallel per line) with up to 64 devices each is possible.
 - Repetition rate in the case of transfer errors.

Technical data

KNX medium:	TP1-256
Connections	
- KNX higher-level line:	Connection and junction terminal
- KNX lower-level line:	Connection and junction terminal
Dimensions	
- Modular widths (MW):	2

- Notes**
- A separate power supply is required for each line (area line, main line, line) or each line segment.

KNX system devices, actuators, sensors

Specifications Order No. P. unit PS



DRA plus 2168 00 1/100 26

+ Optional accessories

- Pow.supply DC 24 V 300 mA DRA **1296 00** → 392
- Pow.supply DC 24 V 700 mA DRA **2570 00** → 392
- DC pow.supply unit 24 V 5 A DRA **0535 00** → 393

Features

- For coupling a PC to the KNX bus to address, program, or diagnose KNX components.

Technical data

KNX medium: KNXnet/IP and TP1-256
 Rated voltage: DC 24 to 30 V
 IP communication: Ethernet 10/100 BaseT (10/100 Mbit/s)
 Supported protocols: ARP, ICMP, IGMP, DHCP, AutoIP, UDP/IP (Core, Tunneling, Device Management)
 Connections
 - IP: 2 x RJ45 jacks
 - KNX: Connection and junction terminal
 Ambient temperature: 0 °C to +45 °C
 Dimensions
 - Modular widths (MW): 2

Notes

- Supply via external DC 24 V.

Specifications Order No. P. unit PS



DRA plus 2167 00 1/100 26

+ Optional accessories

- 24 V power supplies**
- Pow.supply DC 24 V 300 mA DRA **1296 00** → 392
 - Pow.supply DC 24 V 700 mA DRA **2570 00** → 392
 - DC pow.supply unit 24 V 5 A DRA **0535 00** → 393

Features

- Connection of KNX lines with aid of data networks and use of the Internet protocol (IP).
- Coupling of a KNX system together with the Gira HomeServer or Gira FacilityServer.
- Filtering and forwarding of telegrams.
- Use as line or area coupler.
- Use as KNX clock.
- Recording of KNX telegrams on a microSD card.
- Hardware from index status I14 prepared for KNX Secure (additional firmware update required).
- Up to four tunnelling connection possible simultaneously.
- Reliable communication for automatic correction of telegram losses in WLAN (Reliable Communication).

Technical data

KNX medium: KNXnet/IP and TP1-256
 Rated voltage: DC 24 to 30 V
 IP communication: Ethernet 10/100 BaseT (10/100 Mbit/s)
 Supported protocols: ARP, ICMP, IGMP, DHCP, AutoIP, UDP/IP (Core, Routing, Tunneling, Device Management) up to 32 GB
 microSD card:
 Connections
 - IP: RJ45 jack
 - KNX: Connection and junction terminal
 Ambient temperature: 0 °C to +45 °C
 Dimensions
 - Modular widths (MW): 2

Notes

- Supply via external DC 24 V.
- The Gira Project Assistant (GPA) is required for firmware updates. The GPA is available free of charge in the Gira download area.

Scope of supply

- microSD card is **not** included in the scope of supply.



DRA 2089 00 1 05

Functional description → 480

Specifications Order No. P. unit PS



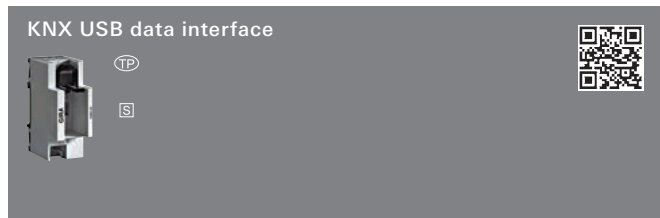
DRA 2096 00 1 05

Functional description → 484



DRA 2070 00 1 05

Functional description → 485



D DRA 1080 00 1/100 26

+ Necessary accessories
USB conn.cab. **0903 00** → 537

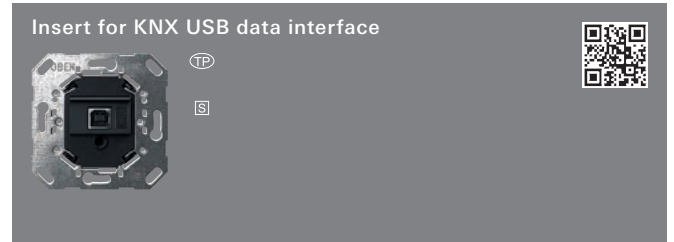
Features
- USB data interface with integrated bus coupler.
- For coupling a PC to the KNX bus to address, program, or diagnose KNX components.

Technical data
KNX medium: TP1-256
Connections
- KNX: Connection and junction terminal
- USB: Pin jack, type B
Transfer protocol: compatible with USB 1.1/2.0
Ambient temperature: -5 °C to +45 °C
Dimensions
- Modular widths (MW): 2

Notes
- The data interface is supported from **ETS3**.

Scope of supply
- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



D Flush-mounted 1070 00 1/5 06

+ Necessary accessories
Cov. TAE USB **0276 ..**
- System 55 → 80
- E22 aluminium → 182
Cov. in.sp. TAE USB **0876 ..**
- System 55 → 80
- E22 aluminium → 182
Connection cable
USB conn.cab. **0903 00** → 537

Features
- USB data interface with integrated bus coupler.
- The data interface enables the coupling of a PC for the addressing, programming, and diagnosis of KNX components.

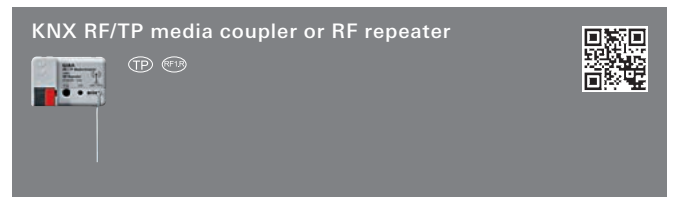
Technical data
KNX medium: TP1-256
Connections
- KNX: Connection and junction terminal
- USB: Pin jack, type B
Transfer protocol: compatible with USB 1.1/2.0
Installation depth: 33 mm.
Ambient temperature: -5 °C to +45 °C

Scope of supply
- KNX connection and junction terminal included in the scope of supply.



USB stick 5120 00 1 06

Functional description → 458



DRA plus 5110 00 1/5 06

Functional description → 458

KNX system devices, actuators, sensors

Specifications Order No. P. unit PS

Switching

DRA switching actuators with integrated bus coupler. For switching independently controllable groups of loads. With manual switch for switching over the relay (On/Off) parallel or without KNX operation. Multi-phase connection. No additional power supply required.

Features

- Manual actuation of the relay independent of the bus or switching position indication.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the recovery of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on/off delay, staircase light function – also with advance warning function).
- Integration in light scenes is possible, eight internal scenes at the most can be parameterised per channel.
- Memory function for light scenes.
- Elapsed operating time meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.

Technical data

KNX medium:	TP1-256
Connections	
- KNX:	Connection and junction terminal
- Load:	Screw terminals

Notes

- Installation on DIN top-hat rail.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

Specifications Order No. P. unit PS

KNX switching actuator, 2-gang 16 A with manual actuation



DRA plus **1040 00** 1/100 26

Features

- Independent switching of the two outputs.

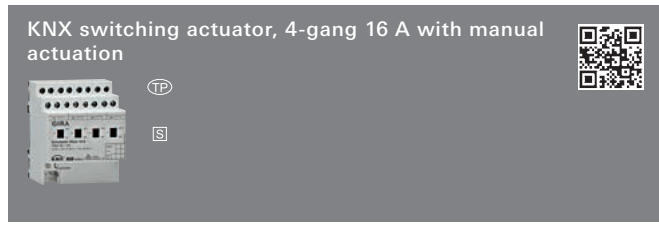
Technical data

Relay	
- Number:	2
- Contact:	1 x zero-voltage NO contact each, flip-flop
Switching capacity	
- AC 230 V:	16 A / AC1 or 10 A / AC3
- AC 400 V:	10 A / AC1 or 6 A / AC3
- DC:	16 A/24 V
Maximum switch-on current:	400 A, 150 µs, 200 A, 600 µs
Connected load	
- Ohmic load:	3600 W
- Capacitive load AC 230 V:	16 A, max. 140 µF
- Light bulbs:	2500 W
- HV halogen lamps:	2500 W
- Wound transformer:	1200 VA
- Gira Tronic transformer:	1500 W
- Fluorescent lamps, uncompensated:	2500 VA
- Fluorescent lamps, duo-circuit:	2300 VA
- Fluorescent lamps, parallel-compensated:	1300 VA
- Mercury-vapour lamps, uncompensated:	2000 W
- Mercury-vapour lamps, parallel-compensated:	2000 W
Connections:	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus 1004 00 1/100 66

Features

- Independent switching of the four outputs.

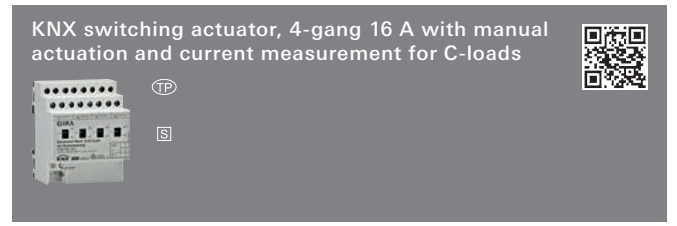
Technical data

- Relay
- Number: 4
 - Contact: 1 x zero-voltage NO contact each, flip-flop
- Switching capacity
- AC 230 V: 16 A / AC1 or 10 A / AC3
 - AC 400 V: 10 A / AC1 or 6 A / AC3
 - DC: 16 A/24 V
- Maximum switch-on current: 400 A, 150 µs, 200 A, 600 µs
- Connected load
- Ohmic load: 3600 W
 - Capacitive load AC 230 V: 16 A, max. 140 µF
 - Light bulbs: 2500 W
 - HV halogen lamps: 2500 W
 - Wound transformer: 1200 VA
 - Gira Tronic transformer: 1500 W
 - Fluorescent lamps, uncompensated: 2500 VA
 - Fluorescent lamps, duo-circuit: 2300 VA
 - Fluorescent lamps, parallel-compensated: 1300 VA
 - Mercury-vapour lamps, uncompensated: 2000 W
 - Mercury-vapour lamps, parallel-compensated: 2000 W
- Connections: max. 4 mm²
- Dimensions
- Modular widths (MW): 4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus 1045 00 1/100 26

Features

- The switching contacts of the switching actuator, 4-gang, C-load are especially designed for loads with a capacitive character, and therefore conditional, brief, high switch-on currents (see Technical Data).
- The switching actuator has an integrated current detection.
- A current measurement can be carried out for each channel.
- Independent switching of the four outputs.
- Current detection: Measurement of load current for each channel.
- Threshold values for load monitoring (e.g. signalling of load failure).

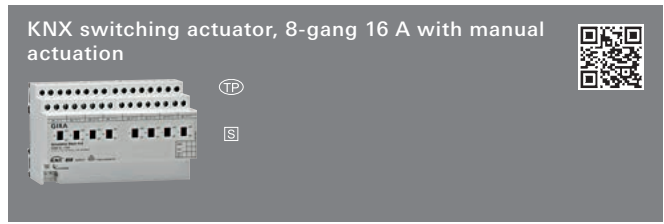
Technical data

- Relay
- Number: 4
 - Contact: 1 x zero-voltage NO contact each, flip-flop
- Switching capacity AC 230 V: 16 A / AC1 or 16 A / AC3
- Switching capacity AC 400 V: 10 A / AC1 or 10 A / AC3
- Switching capacity
- DC: 16 A/24 V
- Maximum switch-on current: 600 A, 150 µs, 300 A, 600 µs
- Connected load
- Ohmic load: 3680 W
 - Capacitive load AC 230 V: 16 A, max. 200 µF
 - Light bulbs: 3680 W
 - HV halogen lamps: 3680 W
 - Wound transformer: 2000 VA
 - Gira Tronic transformer: 2500 W
 - Fluorescent lamps, uncompensated: 3680 VA
 - Fluorescent lamps, duo-circuit: 3680 VA
 - Fluorescent lamps, parallel-compensated: 2500 VA
 - Mercury-vapour lamps, uncompensated: 3680 W
 - Mercury-vapour lamps, parallel-compensated: 3680 W
- Connections: max. 4 mm²
- Current detection: 0.25 to 16 A sine
- Dimensions
- Modular widths (MW): 4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus 1006 00 1/100 26

Features

- Independent switching of the eight outputs.

Technical data

Relay

- Number: 8
- Contact: 1 x zero-voltage NO contact each, flip-flop

Switching capacity AC 230 V: 16 A / AC1 or 10 A / AC3

Switching capacity AC 400 V: 10 A / AC1 or 6 A / AC3

Switching capacity

- DC: 16 A/24 V
- DC: 16 A/24 V
- Maximum switch-on current: 400 A, 150 µs, 200 A, 600 µs

Connected load

- Ohmic load: 3600 W
- Capacitive load AC 230 V: 16 A, max. 140 µF
- Light bulbs: 2500 W
- HV halogen lamps: 2500 W
- Wound transformer: 1200 VA
- Gira Tronic transformer: 1500 W
- Fluorescent lamps, uncompensated: 2500 VA
- Fluorescent lamps, duo-circuit: 2300 VA
- Fluorescent lamps, parallel-compensated: 1300 VA
- Mercury-vapour lamps, uncompensated: 2000 W
- Mercury-vapour lamps, parallel-compensated: 2000 W

Connections: max. 4 mm²

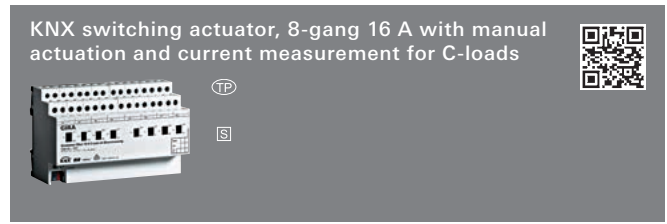
Dimensions

- Modular widths (MW): 8

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus 1046 00 1/100 66

Features

- The switching contacts of the switching actuator, 8-gang, C-load are especially designed for loads with a capacitive character, and therefore conditional, brief, high switch-on currents (see Technical Data).
- The switching actuator has an integrated current detection.
- A current measurement can be carried out for each channel.
- Current detection: Measurement of load current for each channel.
- Threshold values for load monitoring (e.g. signalling of load failure).
- Independent switching of the eight outputs.

Technical data

Relay

- Number: 8
- Contact: 1 x zero-voltage NO contact each, flip-flop

Switching capacity AC 230 V: 16 A / AC1 or 16 A / AC3

Switching capacity AC 400 V: 10 A / AC1 or 10 A / AC3

Maximum switch-on current: 600 A, 150 µs, 300 A, 600 µs

Connected load

- Ohmic load: 3680 W
- Capacitive load AC 230 V: 16 A, max. 200 µF
- Light bulbs: 3680 W
- HV halogen lamps: 3680 W
- Wound transformer: 2000 VA
- Gira Tronic transformer: 2500 W
- Fluorescent lamps, uncompensated: 3680 VA
- Fluorescent lamps, duo-circuit: 3680 VA
- Fluorescent lamps, parallel-compensated: 2500 VA
- Mercury-vapour lamps, uncompensated: 3680 W
- Mercury-vapour lamps, parallel-compensated: 3680 W

Connections: max. 4 mm²

Current detection: 0.25 to 16 A sine

Dimensions

- Modular widths (MW): 8

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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Switching / blinds

Depending on the parameterisation, the actuator can be used as a switching actuator or a blind actuator. Mixed configurations of switching and blind actuators are also possible. For the blind actuator function, two neighbouring relay outputs are combined to form one blind output.

Features

- Switching status indication for each relay.
- Manual actuation for changing over the relays in parallel or without KNX operation.
- Central switch-off possible per manual actuation.
- With integrated bus coupler.
- Different external conductors may be connected to the outputs.
- Behaviour after bus voltage failure and recovery can be set.
- Feedback can be delayed until after the recovery of bus voltage.
- Integration in scenes is possible, 8 internal scenes at the most can be parameterised per channel.
- Memory function for light scenes.
- Building site operation: Outputs can be operated manually without bus voltage with operating voltage only.

Blind functions

- Separately parameterisable movement times with movement time extension for moving into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position.
- Assignments of up to five different safety functions (three wind alarms, one rain alarm, one frost alarm) or optionally with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Sun protection function with fixed and variable curtain or slat positions can be activated.

Switching functions

- NO contact or NC contact operation can be set.
- Behaviour after bus voltage failure and recovery can be set.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on/off delay, staircase light function – also with advance warning function).

Technical data

KNX medium:	TP1-256
Power supply:	AC 230 V, 50/60 Hz
Switching capacity AC 230 V:	16 A / AC1
Maximum switch-on current:	800 A, 200 µs, 165 A, 20 ms
Connected load	
- Ohmic load:	3000 W
- Capacitive load AC 230 V:	16 A, max. 140 µF
- Motors (blind or fan):	1380 W
- Light bulbs:	3000 W
- HV halogen lamps:	2500 W
- Wound transformer:	1200 VA
- Gira Tronic transformer:	1500 W
- Fluorescent lamps, uncompensated:	1000 VA
- Fluorescent lamps, duo-circuit:	2300 VA
- Fluorescent lamps, parallel-compensated:	1160 VA
- Mercury-vapour lamps, uncompensated:	1000 W
- Mercury-vapour lamps, parallel-compensated:	1160 W
Connections	
- KNX:	Connection and junction terminal
- Load:	Screw terminals

Notes

- Installation on DIN top-hat rail.

Specifications	Order No.	P. unit	PS
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KNX switching actuator, 4-gang 16 A/ blind actuator, 2-gang 16 A with manual actuation



DRA plus	1036 00	1/100	66
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Features

- Independent control of up to two blind outputs.
- Independent switching of up to four switching outputs.

Technical data

Relay	
- Number:	4
- Contact:	1 x zero-voltage NO contact each
Current capacity	
- of neighbouring outputs:	Total 20 A
- Device:	Total 40 A
Connections:	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

KNX switching actuator, 8-gang 16 A/ blind actuator, 4-gang 16 A with manual actuation



DRA plus	1037 00	1/100	66
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Features

- Independent control of up to four blind outputs.
- Independent switching of up to eight switching outputs.

Technical data

Relay	
- Number:	8
- Contact:	1 x zero-voltage NO contact each
Current capacity	
- of neighbouring outputs:	Total 20 A
- Device:	Total 80 A
Connections:	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

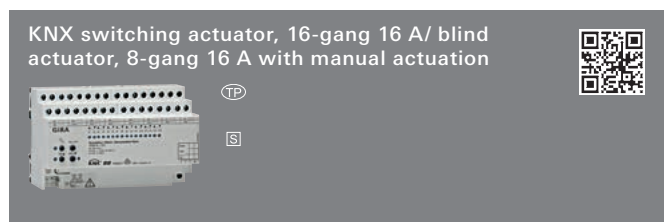
Notes

- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus 1038 00 1/100 66

Features

- Independent control of up to eight blind outputs.
- Independent switching of up to 16 switching outputs.

Technical data

Relay
 - Number: 1 x zero-voltage NO contact each
 - Contact: 1 x zero-voltage NO contact each
 Current capacity
 - of neighbouring outputs: Total 20 A
 - Device: Total 160 A
 Connections: max. 4 mm²
 Dimensions
 - Modular widths (MW): 8

Notes

- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

Blinds

Blind actuators with integrated bus coupler, manual activation, and status display for each output. For controlling electrically operated blinds, shutters, awnings, ventilation flaps, or similar hangings.

Features

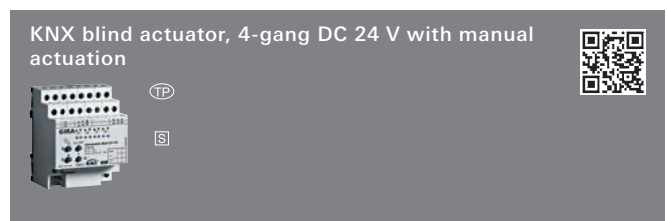
- Curtain position can be directly controlled.
- Slat position can be directly controlled.
- Behaviour after bus voltage failure and recovery can be set.
- Separately parameterisable movement times with movement time extension for moving into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position.
- Feedback can be delayed until after the recovery of bus voltage.
- Assignments of up to five different safety functions (three wind alarms, one rain alarm, one frost alarm) or optionally with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Integration in scenes is possible, 8 internal scenes at the most can be parameterised per channel.
- Memory function for light scenes.
- Sun protection function with fixed and variable curtain or slat positions can be activated.
- Extended sun protection with extensive control functions.
- Integration in temperature management of building possible.
- Blocking of individual outputs manually or with bus.
- Active or passive (object can be read out) cyclical feedback functions.
- Building site operation: Outputs can be operated manually without bus voltage with operating voltage only.

Technical data

KNX medium: TP1-256
 Connections
 - KNX: Connection and junction terminal
 - Load: Screw terminals

Notes

- Installation on DIN top-hat rail.



DRA plus 2154 00 1/100 26

Features

- For low voltage DC 12 to 48 V.
- Independent control of the four blind outputs.

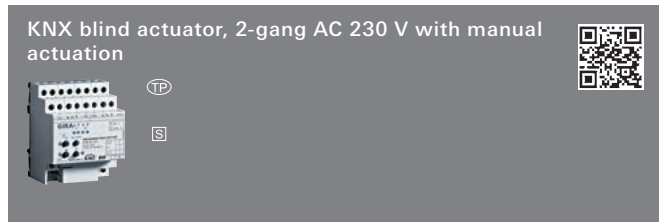
Technical data

Rated voltage: DC 12 to 48 V
 Switching voltage DC: DC 12 to 48 V
 Switching capacity
 - DC 12/24 V: 6 A
 - DC 48 V: 3 A
 Connections: max. 4 mm²
 Dimensions
 - Modular widths (MW): 4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus 2152 00 1 26

Features

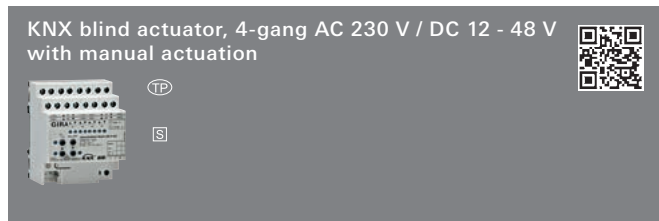
- For mains voltage AC 230 V.
- Connection of various external conductors.
- Independent control of the two blind outputs.
- Automatic curtain moving time detection for AC 230 V drives with mechanical stop position switches.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
AC switching voltage:	AC 230 V, 50/60 Hz
Switching capacity AC 230 V:	6 A / AC1
Switching voltage DC:	DC 12 to 48 V
Switching capacity	
- DC 12/24 V:	6 A
- DC 48 V:	3 A
Connections:	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.



DRA plus 1039 00 1/100 26

Features

- For mains voltage AC 230 V (4 channel) or low voltage DC 12 to 48 V (2 channel).
- Connection of various external conductors.
- Independent control of the four blind outputs.
- Automatic curtain moving time detection for AC 230 V drives with mechanical stop position switches.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
AC switching voltage:	AC 230 V, 50/60 Hz
Switching capacity AC 230 V:	6 A / AC1
Switching voltage DC:	DC 12 to 48 V
Switching capacity	
- DC 12/24 V:	6 A
- DC 48 V:	3 A
Connections:	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

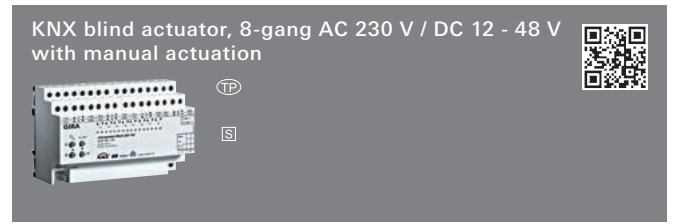
Notes

- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus 2161 00 1/100 66

Features

- For mains voltage AC 230 V (8 channel) or low voltage DC 12 to 48 V (4 channel).
- Connection of various external conductors.
- Independent control of the blind outputs.
- Automatic curtain moving time detection for AC 230 V drives with mechanical stop position switches.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
AC switching voltage:	AC 230 V, 50/60 Hz
Switching capacity AC 230 V:	6 A / AC1
Switching voltage DC:	DC 12 to 48 V
Switching capacity	
- DC 12/24 V:	6 A
- DC 48 V:	3 A
Connections:	max. 4 mm ²
Dimensions	
- Modular widths (MW):	8

Notes

- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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Shutter

KNX shutter actuator, 4-gang AC 230 V with manual actuation



DRA plus	2160 00	1/100	26
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Features

- Shutter actuator with manual actuation and status display for each output.
- With integrated bus coupler.
- For controlling electrically operated shutters for mains voltage of AC 230 V (4-channel).
- Connection of various external conductors.
- Independent control of the four shutter outputs.
- Shutter position can be directly controlled.
- Behaviour after bus voltage failure and recovery can be set.
- Feedback of position. Active or passive (object can be read out) cyclical feedback functions.
- Assignments of up to five different safety functions (three wind alarms, one rain alarm, one frost alarm) or optionally with cyclical monitoring.
- Building site operation: Outputs can be operated manually without bus voltage with operating voltage only.

Technical data

KNX medium:	TP1-256
Rated voltage:	AC 230 V, 50/60 Hz
AC switching voltage:	AC 230 V, 50/60 Hz
Switching capacity AC 230 V:	6 A / AC1
Connections	
- KNX:	Connection and junction terminal load via screw terminals
- Load:	max. 4 mm ²
- :	
Dimensions	
- Modular widths (MW):	4

Notes

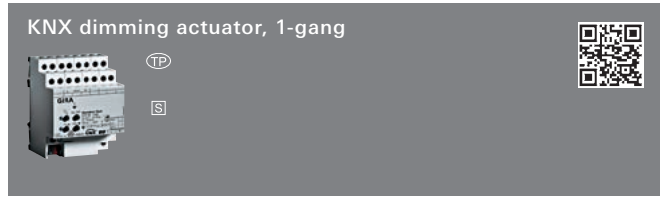
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.
- Installation on DIN top-hat rail.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
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Dimming



20 –500 W/VA DRA plus	2171 00	1/100	26
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+ Optional accessories
System 3000 universal LED power booster DRA → 256
Tronic transformers

Features

- Dim actuator with integrated bus coupler.
- Switching and dimming of light bulbs, HV halogen lamps, dimmable HV-LED lamps, dimmable compact fluorescent lamps, dimmable inductive transformers with LV halogen or NV-LED lamps, dimmable electronic transformers with LV halogen or NV-LED lamps.
- Automatic or manual selection of dimming principle according to load.
- Idle-state, short-circuit, and excess temperature-proof
- Manual actuation of the outputs independent of the bus (building site operation also possible).
- The dimming actuator, 1-gang can also be used as speed regulator for speed control of single-phase electric motors.
- Building site operation: Outputs can be operated manually without bus voltage with operating voltage only.

Functions

- Independent control of the dimming channels.
- For building site operation, outputs can be operated manually without bus voltage with operating voltage only.
- Central switching function for control of all dimming channels.
- Delay for actively transmitted feedback messages following bus voltage recovery.
- Load type and dimming method can be configured: Universal (with automatic calibration procedure), electronic transformer/LV LED (capacitive/phase cut), conventional transformer/LV LED (inductive/phase cut), HV LED (phase cut) or HV LED (phase cut).
- Feedback for "switching" and "brightness value".
- Dimmable brightness range can be set.
- Dimming behaviour and dimming characteristics can be parameterised.
- Switch-on behaviour for a relative dimming command can be parameterised.
- Bulb-saving switch-on and switch-off
- Automatic setting and scaling of the dimmable brightness range when using universal power boosters.
- The performance of a dimming channel in the "OFF" state during reception of a relative dimming command can be parameterised (switching and dimming or no response).
- Alarm telegrams for short circuit, overload, and load failure.
- Feedback of connected load type.
- Block function or forced setting function can be parameterised for each output.
- Time functions (switch-on/off delay, staircase light function).
- Staircase light function with advance warning function via time-controlled reduction of lighting or activation of permanent lighting.
- Linking function and up to eight scenes per dimming channel possible.
- Elapsed operating time meter for recording switch-on time.
- Reactions after bus voltage failure and recovery can be set.

Technical data

KNX medium:	TP1-256
Rated voltage:	AC 110 to 230 V, 50/60 Hz
Connected load (AC 230 V)	
- Light bulbs:	20 to 500 W
- HV halogen lamps:	20 to 500 W
- Wound transformer:	20 to 500 VA
- Gira Tronic transformer:	20 to 500 W
- Wound transformer with NV-LED:	20 to 100 VA
- electronic transformer with NV-LED:	typically 20 to 100 W
- HV LED lamps:	typ. 3 to 100 W
- Compact fluorescent lamp:	typ. 3 to 100 W
Connected load (AC 110 V)	
- Light bulbs:	20 to 250 W
- HV halogen lamps:	20 to 250 W
- Wound transformer:	20 to 250 VA
- Gira Tronic transformer:	20 to 250 W
- Wound transformer with NV-LED:	20 to 50 VA
- electronic transformer with NV-LED:	typically 20 to 50 W
- HV LED lamps:	typ. 3 to 50 W
- Compact fluorescent lamp:	typ. 3 to 50 W
Switching current for motors:	2.3 A
Number of universal power boosters	
- Trailing edge:	max. 10 x 500 W
- Leading edge:	max. 5 x 420 VA
Connections	
- KNX:	Connection and junction terminal
- Load:	Screw terminals
- :	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

Notes

- Power extension using Gira power boosters.
- Installation on DIN top-hat rail.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

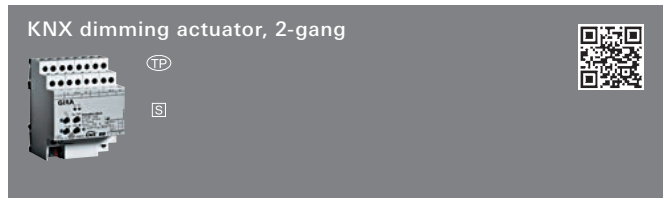
Scope of supply

- KNX connection and junction terminal included in the scope of supply.

More information

Technical information → [i 635](#)

Specifications Order No. P. unit PS



2 x 300 W/VA
DRA plus **2172 00** 1/100 66

+ **Optional accessories**
System 3000 universal LED power booster DRA → 256
Tronic transformers

Features

- Dim actuator with integrated bus coupler.
- Switching and dimming of light bulbs, HV halogen lamps, dimmable HV-LED lamps, dimmable compact fluorescent lamps, dimmable inductive transformers with LV halogen or NV-LED lamps, dimmable electronic transformers with LV halogen or NV-LED lamps.
- Automatic or manual selection of dimming principle according to load.
- Idle-state, short-circuit, and excess temperature-proof
- Manual actuation of the outputs independent of the bus (building site operation also possible).
- Building site operation: Outputs can be operated manually without bus voltage with operating voltage only.

Functions

- Independent control of the dimming channels.
- Central switching function for control of all dimming channels.
- Delay for actively transmitted feedback messages following bus voltage recovery.
- Load type and dimming method can be configured: Universal (with automatic calibration procedure), electronic transformer/LV LED (capacitive/phase cut), conventional transformer/LV LED (inductive/phase cut), HV LED (phase cut) or HV LED (phase cut).
- Feedback for "switching" and "brightness value".
- Dimmable brightness range can be set.
- Dimming behaviour and dimming characteristics can be parameterised.
- Switch-on behaviour for a relative dimming command can be parameterised.
- Bulb-saving switch-on and switch-off
- Automatic setting and scaling of the dimmable brightness range when using universal power boosters.
- The performance of a dimming channel in the "OFF" state during reception of a relative dimming command can be parameterised (switching and dimming or no response).
- Alarm telegrams for short circuit, overload, and load failure.
- Feedback of connected load type.
- Block function or forced setting function can be parameterised for each output.
- Time functions (switch-on/off delay, staircase light function).
- Staircase light function with advance warning function via time-controlled reduction of lighting or activation of permanent lighting.
- Linking function and up to eight scenes per dimming channel possible.
- Elapsed operating time meter for recording switch-on time.
- Reactions after bus voltage failure and recovery can be set.

Specifications Order No. P. unit PS

Technical data

- KNX medium: TP1-256
 Rated voltage: AC 110 to 230 V, 50/60 Hz
 Connected load (AC 230 V) per channel
 - Light bulbs: 20 to 300 W
 - HV halogen lamps: 20 to 300 W
 - Wound transformer: 20 to 300 VA
 - Gira Tronic transformer: 20 to 300 W
 - Wound transformer with NV-LED: 20 to 100 VA
 - electronic transformer with NV-LED: typically 20 to 100 W
 - HV LED lamps: typ. 3 to 60 W
 - Compact fluorescent lamp: typ. 3 to 60 W
 Connected load (AC 110 V) per channel
 - Light bulbs: 20 to 150 W
 - HV halogen lamps: 20 to 150 W
 - Wound transformer: 20 to 150 VA
 - Gira Tronic transformer: 20 to 150 W
 - Wound transformer with NV-LED: 20 to 50 VA
 - electronic transformer with NV-LED: typically 20 to 50 W
 - HV LED lamps: typ. 3 to 30 W
 - Compact fluorescent lamp: typ. 3 to 30 W
 Number of universal power boosters
 - Trailing edge: max. 10 x 500 W
 - Leading edge: max. 5 x 250 W
 Connections
 - KNX: Connection and junction terminal
 - Load: Screw terminals
 - : max. 4 mm²
 Dimensions
 - Modular widths (MW): 4

Notes

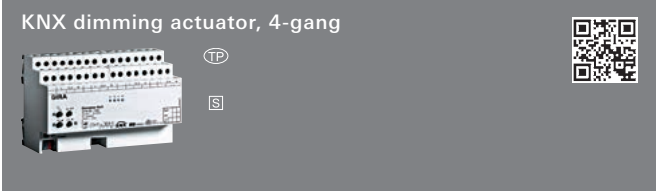
- Power extension using Gira power boosters.
- Installation on DIN top-hat rail.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

Scope of supply

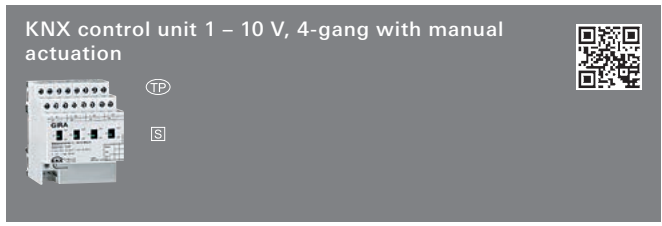
- KNX connection and junction terminal included in the scope of supply.

More information

Technical information → [i635](#)

Specifications	Order No.	P. unit	PS	Specifications	Order No.	P. unit	PS
 <p>KNX dimming actuator, 4-gang</p> <p>4 x 250 W/VA DRA plus</p> <p>2174 00 1/100 26</p> <p>+ Optional accessories System 3000 universal LED power booster DRA → 256 Tronic transformers</p> <p>Features</p> <ul style="list-style-type: none"> - Dim actuator with integrated bus coupler. - Switching and dimming of light bulbs, HV halogen lamps, dimmable HV-LED lamps, dimmable compact fluorescent lamps, dimmable inductive transformers with LV halogen or NV-LED lamps, dimmable electronic transformers with LV halogen or NV-LED lamps. - Automatic or manual selection of dimming principle according to load. - Idle-state, short-circuit, and excess temperature-proof - Manual actuation of the outputs independent of the bus (building site operation also possible). - Several outputs can be wired in parallel to increase output power. - Parallel switching of several outputs to a load of 950 W possible. Do not connect LED or compact fluorescent lamps to dimming outputs connected in parallel. - Building site operation: Outputs can be operated manually without bus voltage with operating voltage only. <p>Functions</p> <ul style="list-style-type: none"> - Central switching function for control of all dimming channels. - Delay for actively transmitted feedback messages following bus voltage recovery. - Load type and dimming method can be configured: Universal (with automatic calibration procedure), electronic transformer/LV LED (capacitive/phase cut), conventional transformer/LV LED (inductive/phase cut), HV LED (phase cut) or HV LED (phase cut). - Feedback for "switching" and "brightness value". - Dimmable brightness range can be set. - Dimming behaviour and dimming characteristics can be parameterised. - Switch-on behaviour for a relative dimming command can be parameterised. - Bulb-saving switch-on and switch-off - Automatic setting and scaling of the dimmable brightness range when using universal power boosters. - The performance of a dimming channel in the "OFF" state during reception of a relative dimming command can be parameterised (switching and dimming or no response). - Alarm telegrams for short circuit, overload, and load failure. - Feedback of connected load type. - Block function or forced setting function can be parameterised for each output. - Time functions (switch-on/off delay, staircase light function). - Staircase light function with advance warning function via time-controlled reduction of lighting or activation of permanent lighting. - Linking function and up to eight scenes per dimming channel possible. - Elapsed operating time meter for recording switch-on time. - Reactions after bus voltage failure and recovery can be set. 				<p>Technical data</p> <p>KNX medium: TP1-256 Rated voltage: AC 110 to 230 V, 50/60 Hz Connected load (AC 230 V) per channel</p> <ul style="list-style-type: none"> - Light bulbs: 20 to 250 W - HV halogen lamps: 20 to 250 W - Wound transformer: 20 to 250 VA - Gira Tronic transformer: 20 to 250 W - Wound transformer with NV-LED: 20 to 100 VA - electronic transformer with NV-LED: typically 20 to 100 W - HV LED lamps: typ. 3 to 50 W - Compact fluorescent lamp: typ. 3 to 50 W <p>Connected load (AC 110 V) per channel</p> <ul style="list-style-type: none"> - Light bulbs: 20 to 120 W - HV halogen lamps: 20 to 120 W - Wound transformer: 20 to 120 VA - Gira Tronic transformer: 20 to 120 W - Wound transformer with NV-LED: 20 to 50 VA - electronic transformer with NV-LED: typically 20 to 50 W - HV LED lamps: typ. 3 to 24 W - Compact fluorescent lamp: typ. 3 to 24 W <p>Parallel switched outputs: Use outputs to max. capacity of 95 % (max. 950 W for AC 230 V, 50/60 Hz)</p> <p>Number of universal power boosters</p> <ul style="list-style-type: none"> - Trailing edge: max. 10 x 500 W - Leading edge: max. 5 x 250 VA <p>Connections</p> <ul style="list-style-type: none"> - KNX: Connection and junction terminal - Load: Screw terminals - : max. 4 mm² <p>Dimensions</p> <ul style="list-style-type: none"> - Modular widths (MW): 8 <p>Notes</p> <ul style="list-style-type: none"> - Power extension using Gira power boosters. - Installation on DIN top-hat rail. - VDE approval in accordance with EN 60669-1, EN 60669-2-1. <p>Scope of supply</p> <ul style="list-style-type: none"> - KNX connection and junction terminal included in the scope of supply. <p>More information Technical information → i 635</p>			

Specifications	Order No.	P. unit	PS
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DRA plus	2224 00	1	26
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Features

- The controller unit switches and dims electrical devices that have a 1-10 V interface.
- Five device configurations can be selected. This leads to the assignment of four individually-controllable dimming channels to the switching outputs (e.g. four dimming channels are assigned to one switching relay to control a RGBW light).
- Relay outputs that are not associated with a dimming channel can be used as freely-acting switching actuator channel.
- Reactions in case of bus voltage failure and restoration can be set following an ETS programming process.
- Manual actuation of outputs independent of the bus with mechanical switching position indication.
- Delay for actively transmitted feedback messages following bus voltage recovery.
- Logical linking function configurable per channel.
- Up to three central switching functions for the joint control of all dimming and switching channels.
- Switch-on times of the relay outputs can be recorded and evaluated by the elapsed operating time meter.
- Group feedback of all switching conditions possible.

Dimming channels

- Four individually-controllable dimming channels.
- Feedback on switching condition and brightness value.
- Dimmable brightness range can be set.
- Dimming behaviour and dimming characteristics can be parameterised.
- Soft switch-on and soft switch-off function
- Block function or forced setting function can be parameterised.
- Time functions (switch-on delay, switch-off delay, staircase light function). With the staircase light function, the reaction at the end of the switch-on time can be configured.
- Inclusion of a dimming channel in up to ten scenes is possible.
- The burning-in function allows for the start-up of new fluorescent lamps prescribed by lighting manufacturers.

Switching actuator operation (optional)

- Independent switching of switch outputs A2 to A4.
- NO contact or NC contact operation.
- Feedback from the switching condition.
- Block function or forced setting function can be parameterised.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Can be integrated in the light scenes. Up to ten internal scenes per switching output are programmable.
- Cyclical monitoring of incoming switching telegram is configurable.

Specifications	Order No.	P. unit	PS
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Technical data

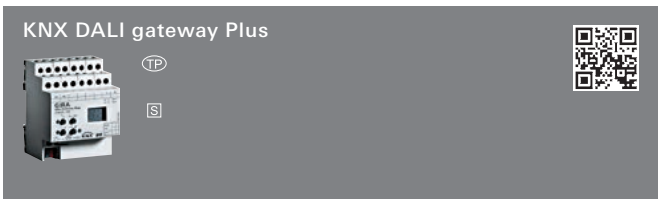
KNX medium:	TP1-256
Relay	
- Number:	4
- Contact:	1 x zero-voltage NO contact each, flip-flop
Control outputs	
- Control voltage:	1 to 10 V
- Control current per output:	max. 100 mA
- Cable length:	max. 500 m at 0.5 mm ²
Switching outputs	
- Switching voltage:	AC 250/400 V
- Switching current 230 V AC1:	16 A
- Switching current 230 V AC3:	10 A
- Switching current 400 V AC1:	10 A
- Switching current 400 V AC3:	6 A
- Fluorescent lamps:	16 AX
Lamp loads	
- Light bulbs:	3680 W
- HV halogen lamps:	3680 W
- Wound transformer:	2000 VA
- Gira Tronic transformer:	2500 W
Fluorescent lamps T5/T8	
- Uncompensated:	3680 W
- Parallel-compensated:	2500 W/200 µF
- Duo-circuit:	3680 W/200 µF
Compact fluorescent lamps	
- Uncompensated:	3680 W
- Parallel-compensated:	2500 W/200 µF
Mercury-vapour lamps	
- Uncompensated:	3680 W
- Parallel-compensated:	3680 W/200 µF
Ambient temperature:	-5 °C to +45 °C
Connections	
- KNX:	Connection and junction terminal
- 1 – 10 V:	Screw terminals
- Load:	Screw terminals
- :	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

Notes

- Electronic ballasts generate very high current spikes. For this reason, use a switch-on current limiter or a separate load contact for with greater loads.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.



DRA plus	2180 00	1	66
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Features

- The DALI gateway Plus forms the interface between a KNX installation and a digital DALI lighting system.
- Control of max. 64 DALI operating devices as individual control, group control in max. 32 groups, or central control via a broadcast telegram (group 17 - 32 each with max. 2 operating devices).
- Manual actuation of the devices also independent of the bus (also building site operation with broadcast control).
- Energy-saving function: Switch-off of the power supply of the DALI operating devices possible in a switched-off state (via additional KNX switching actuator).
- 16 light scenes.
- The groups can be integrated in the light scenes.
- Effect control can be configured for max. 16 sequences in 1 to 500 run-throughs (or infinite).
- Feedback of DALI error status or short circuit and signalling of power supply failure.
- Active or passive (object can be read out) cyclical feedback function.

Specifications	Order No.	P. unit	PS
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- Group feedback of all switching conditions possible.
- Feedback can be delayed until after the recovery of bus voltage.

Group and device functions

- Switching and brightness value: Active (send to the bus in case of change or cyclically) or passive (object can be read out) feedback functions.
- Brightness range can be set.
- Bulb-saving switch-on and switch-off
- Dimming behaviour can be parameterised.
- Time functions (switch-on/off delay, expanded staircase function – advance warning function in accordance with DIN 18015-2 or reduced continuous lighting).
- Block function or alternatively forced setting function can be parameterised for each group. With block function, the flashing of light groups is possible.
- Reading the DALI device state out via KNX.
- Elapsed operating time meter as forward and backward counter with limit value evaluation.
- Online or offline configuration of the DALI devices using ETS plug-in.
- Replacement of an individual defective DALI device is possible during operation without ETS.

Operation of emergency lighting

- Suitable for operation in emergency lighting systems.
- Control and monitoring of individual-battery and centrally-supplied DALI emergency lighting systems.
- Support of DALI emergency light converters in accordance with EN 62386-202 (individual battery-operated emergency lights with DALI interface): Function test, continuous operation test, limited continuous operation test, query of the battery charge.

Technical data

KNX medium:	TP1-256
Rated voltage	
- AC:	110 to 240 V AC, 50/60 Hz
- DC:	DC 110 to 240 V
Power loss:	max. 3 W
Connections	
- KNX:	Connection and junction terminal
- DALI:	Screw terminals
- :	max. 4 mm ²
Cable lengths between gateway and operating device	
- Ø 1.5 mm ² :	max. 300 m
- Ø 1.0 mm ² :	max. 238 m
- Ø 0.75 mm ² :	max. 174 m
- Ø 0.5 mm ² :	max. 116 m
Ambient temperature:	-5 °C to +45 °C
Dimensions	
- Modular widths (MW):	4

Notes

- Operation of emergency lighting systems: Statutory and normative specifications vary by country. In any case, the user / professional planner should ensure that the specific guidelines are observed.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.
- Configuration and start-up of the device from ETS 4.1 (recommendation) or with ETS 3 from version "d".

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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	2108 00	1	66
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Features

- Control of lights and other applications with DALI operating units in KNX installations.
- Adjustment of colour temperature for lights with DALI Device Type 8 (Colour Type: Colour Temperature) for Tunable White according to IEC 62386-209.
- Short-circuit protection, overvoltage protection, overload protection.
- Switching and dimming of a maximum of 64 lights with DALI operating devices.
- Up to 6 different Up to addressing types enable control of individual or grouped DALI lights via KNX telegrams.
- Up to 32 independent DALI groups are available for group addressing. These can be expanded by 64 individually addressable DALI device channels.
- Control of DALI operating devices of device type "Colour Control" (DALI Device Type 8, Colour Type: Colour Temperature) in specific configuration "Tunable White (TW)". Control of colour temperature via relative or absolute dimming and also via scenes and effects.
- Central control of all connected DALI components possible (broadcast).
- Manual operation independent of the bus (building site operation with broadcast control). Control of switching condition and brightness.
- Feedback of DALI error status or DALI short circuit and signalling of power supply failure.
- Central switching function.
- Group feedback of all switching conditions possible.
- 16 light scenes.
- Effect control for realising dynamic lighting moods. 16 effects with up to 16 effect steps each. Timer enabling starting and stopping of effects independent of time and day of the week.

Group and device functions

- Switching and brightness value: Active or passive feedback functions.
- Setting brightness limits (minimum brightness or maximum brightness).
- Dimming behaviour and dimming characteristics can be parameterised.
- Bulb-saving switch-on and switch-off
- Block function or forced setting function can be parameterised.
- Time functions (switch-on/switch-off delay, staircase light function - also with advance warning function).
- Elapsed operating time meter.
- DALI power-ON level and DALI system-failure level can be set.
- Reactions in case of bus voltage failure and restoration can be set following ETS programming process.
- Control of colour temperature via absolute dimming and relative dimming, dimming behaviour can be parameterised, adjustable minimum and maximum colour temperature, feedback for current and invalid colour temperature.

Operation of emergency lighting

- Integration of the device into DALI emergency lighting systems. The DALI gateway is able to integrate DALI standard operating devices for lighting control in accordance with IEC 62386-101 (DALI system) and IEC 62386-102 (control gear) as an emergency light in centrally-powered emergency lighting systems.
- Monitoring for failure of the general power supply.
- Behaviour can be set for the end of emergency mode.
- Brightness and colour temperature adjustable during activate emergency mode.

ETS plug-in

- DALI initial start-up without additional software components. Identification, addressing and assigning of DALI operating devices takes place in the ETS plug-in.
- Assignment of individual devices to groups is also without programming connection to the device.
- Compatibility check of DALI device type for assigning DALI operating devices.

Specifications	Order No.	P. unit	PS
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- Compatibility mode for support of operating devices which are not DALI-compliant.
- Partial DALI start-up.
- Test function of all created DALI groups or DALI operating devices.
- Exporting or importing a template.
- Printing function to create a report.

Technical data

KNX medium:	TP1-256
Rated voltage	
- AC:	110 to 240 V AC, 50/60 Hz
- DC:	DC 110 to 240 V
Power loss:	max. 3 W
Connections	
- KNX:	Connection and junction terminal
- DALI:	Screw terminals
- :	max. 4 mm ²
Cable lengths between gateway and operating device	
- Ø 1.5 mm ² :	max. 300 m
- Ø 1.0 mm ² :	max. 238 m
- Ø 0.75 mm ² :	max. 174 m
- Ø 0.5 mm ² :	max. 116 m
Ambient temperature:	-5 °C to +45 °C
Dimensions	
- Modular widths (MW):	4

Notes

- Operation of emergency lighting systems: Statutory and normative specifications vary by country. In any case, the user / professional planner should ensure that the specific guidelines are observed.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.
- Configuration and start-up of the device from ETS 4.2 or ETS 5 (recommendation).

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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Heating, ventilation, air conditioning**KNX heating actuator, 6-gang with controller**

TP

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DRA plus	2129 00	1	66
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+ Optional accessories

Therm.servo 230 V 2169 00	→	341
Therm.servo 24 V 2179 00	→	342

Features

- Heating actuator with integrated room temperature controller for switching electrothermic valve drives for heating or cooling ceilings.

Valve outputs

- Switching operation or PWM operation.
- Servos with the characteristic "de-energised open" or "de-energised closed" can be controlled.
- Servos can be activated with rated voltage 24 V or 230 V.
- Building site operation: Outputs can be operated manually without bus voltage with operating voltage only.
- Feedback in manual actuation and in bus operation.
- Blocking of individual outputs manually or with bus.
- Overload protected, short-circuit protected, errors indicated with LED.
- Protection against jammed valves.
- Forced setting.
- Various setpoint values for forced setting or emergency mode in case of bus failure for the summer and winter.
- Cyclical monitoring of the input signals can be parameterised.
- Feedback via bus e.g. for valve voltage failure, overload, and short circuit.
- Switching the heating circuit pump depending on the valve conditions.
- Group feedback of the closed servos.
- Power-saving mode for reducing the energy consumption of the heating actuator. Application for periods (e.g. summer) when heat is not required for heating.
- Activation of servo with "first open function" during start-up.
- Fast commissioning thanks to global setting of the channels.
- Cascading of several heating actuators.
- Resetting error messages via bus.
- Heating requirements control.
- Elapsed operating time meter per channel.

Room Temperature Controller

- 6 independent controllers.
- Control via individual communication objects for inputs and outputs.
- Optional internal group communication for individual assignment of the controller outputs to the output channels of the actuator.
- Operating modes: Comfort, standby, night, and frost/heat protection.
- Each operating mode can be assigned its own setpoint temperature values.
- Configuration of the temperature setpoints either relative (derived from basic setpoint) or absolute (independent setpoint temperatures for each operating mode).
- Comfort extension using the presence button, duration parameterisable.
- Operating mode changeover using 1-byte objects in accordance with the KNX specification or by up to 4 individual 1-bit objects.
- Configurable status feedback.
- Frost/heat protection changeover via window status or via frost protection automatic function.
- "Heating", "Cooling" and "Heating and Cooling" operating modes respectively with or without additional stage. The temperature setpoints for the additional stage are derived by a parameterisable stage interval from the basic stage values.
- Various control types can be configured according to the heating or cooling level: PI control (constant or switching PWM) or 2-point control (switching).
- Control parameters for PI controller (if desired: proportional area, readjustment time) and 2-point controller (hysteresis) can be set.

Specifications Order No. P. unit PS

- Automatic and object-oriented switching between "Heating" and "Cooling".
- Room temperature measurement via up to two external KNX temperature sensors. Comparison of the temperature values is possible and the measured value generation of the external sensors can be parameterised. Query time of the externally received temperature values can be set.
- The actual and setpoint temperatures can be output to the bus (incl. cyclical) after a parameterisable deviation.
- Separate or joint corrected variable output in heating or cooling mode. This results in one or two corrected variable objects per stage.
- Normal or inverted corrected variable output.
- Automatic transmission and cycle time for corrected variable output can be parameterised.
- Variable limitation is possible.
- Floor temperature limitation possible in heating mode.
- Setpoint temperature limitation possible in cooling mode.

Technical data

KNX medium:	TP1-256
Rated voltage:	AC 110 to 230 V, 50/60 Hz
Standby:	max. 0.4 W
Power loss:	max. 1 W
Outputs/controller:	6
Contact type:	Triac
Switching voltage:	AC 24/230 V, 50/60 Hz
Switching current:	5 to 160 mA
Switch-on current:	max. 1.5 A (2 s)
Number of drives per output	
- AC 230 V drives:	4
- AC 24 V drives:	2
Connections:	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

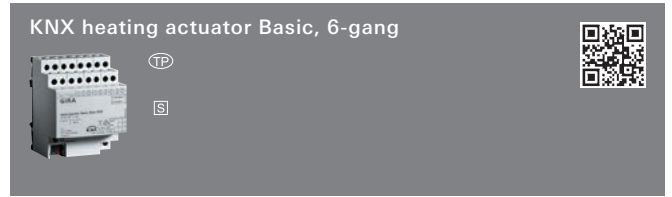
Notes

- Valves with the same operating voltage must be connected at all outputs.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.
- Installation on DIN top-hat rail.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus **2114 00** 1 26

+ Optional accessories

Therm.servo 230 V	2169 00	→	341
Therm.servo 24 V	2179 00	→	342

Features

- Heating actuator for switching electrothermic servos for heating or cooling ceilings.
- Control using 1-bit or 1-byte corrected variable telegrams.
- For 1-byte correcting variables, the outputs are controlled by pulse width modulation (PWM).
- Servos with the characteristic "de-energised open" or "de-energised closed" can be controlled.
- Servos can be activated with rated voltage 24 V or 230 V.
- Overload protected, short-circuit protected.
- Standard protection.
- Feedback via bus e.g. for overload and short circuit.
- Switching the heating circuit pump (standard functions).
- Passive group feedback of the closed servos.

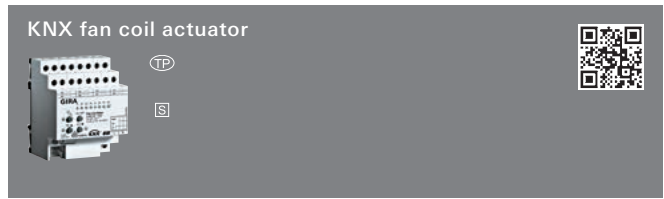
Technical data

KNX medium:	TP1-256
Outputs:	6
Contact type:	Triac
Power loss:	max. 1 W
Switching voltage:	AC 24/230 V, 50/60 Hz
Switching current:	5 to 160 mA
Switch-on current:	max. 1.5 A (2 s)
Number of drives per output	
- AC 230 V drives:	4
- AC 24 V drives:	2
Connections:	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

Notes

- Valves with the same operating voltage must be connected at all outputs.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.
- Installation on DIN top-hat rail.

Specifications	Order No.	P. unit	PS
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DRA plus	2163 00	1/100	26
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Features

- Fan coil actuator for operation of ventilator convectors (fan coil units), implemented for room air conditioning.
- The actuator receives telegrams, for example from room temperature controllers, and converts corrected variable telegrams into equivalent fan speeds and valve positions.
- Connection of a ventilator convector with up to six ventilator gradations or connection of two ventilator convectors each with up to three fan speeds with double pipe systems.
- Manual actuation.
- Building site operation: Outputs can be operated manually without bus voltage with operating voltage only.
- Operating modes for heating or cooling mode, or combined heating/cooling mode.
- Double tube or quadruple tube operation. Double tube system heats or cools via a shared water cycle. Quadruple tube system consists of separate flow and return for heating and cooling.
- Individual or hierarchic switching of fan speeds.
- Feedback, output indication, block function for each channel, level limitation.
- Behaviour after bus voltage failure or bus/mains voltage failure and following an ETS programming process can be configured.
- Limit values can be set.
- Cyclical or event-oriented transmission.
- Free channels can be used for switching functions, e.g. for room lighting

Technical data

KNX medium:	TP1-256
Switching contact:	μ contact, 1 x zero-voltage NO contact
Switching capacity AC 230 V:	10 A / AC1 or 10 A / AC3
Maximum switch-on current	
- 200 μs:	800 A
- 20 ms:	165 A
Connected load	
- Ohmic load:	2300 W
- Capacitive load AC 230 V:	10 A, max. 140 μF
- Light bulbs:	2300 W
- HV halogen lamps:	2300 W
- Wound transformer:	1200 VA
- Gira Tronic transformer:	1500 W
- Fluorescent lamps, uncompensated:	1000 VA
- Fluorescent lamps, duo-circuit:	2300 VA
- Fluorescent lamps, parallel-compensated:	1160 VA
- Mercury-vapour lamps, uncompensated:	1000 W
- Mercury-vapour lamps, parallel-compensated:	1160 W
Connections	
- KNX:	Connection and junction terminal
- Load:	Screw terminals
- :	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

Notes

- VDE approval in accordance with EN 60669-1, EN 60669-2-1.
- Installation on DIN top-hat rail.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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KNX servo 3	2176 00	1	06
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+ Optional accessories


Remote sens. **1493 00** → 450

Features

- Electric motor-driven servo with one binary input (zero-voltage) for mounting on thermostat valve bases (recommended: Heimeier) for controlling heating or cooling systems.
- Suitable for room temperature control, e.g. on radiators, convector heaters or heating circuit distributors on floor heating, etc.
- Screwed onto valve head.
- M30 × 1.5 mm connection.
- Integrated bus coupler. The servo is a proportional drive and can be directly integrated into the KNX system (without additional bus coupler).
- Supply voltage is drawn from the KNX system.
- Integrated temperature sensor.
- Integrated room temperature controller.
- Mechanical indicator for valve travel.
- Automatic detection of valve travel.
- One input. This can be used as a binary input or for connecting an external temperature sensor with the following functions: Switching, dimming, blind, as dimming value transmitter, as brightness value transmitter, as light scene auxiliary unit with and without memory function, as remote temperature sensor or as temperature limiter for underfloor heating.
- Switching function: two independent switching objects are available for each input (switching commands can be parameterised individually), command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction).
- Dimming function: Single and double-surface operation, time between dimming and switching, telegram repetition and stop-telegram transmission possible.
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set (only with Step - Move - Step), slat adjustment time can be set.
- Value transmitter function: Edge (button as NO contact, button as NC contact, switch) and value with edge can be configured, value adjustment by pressing and holding a button for value transmitters possible.
- Lighting scenario auxiliary unit with or without memory function.
- Can be used in a heating circuit distributor.
- Protection against jammed valves
- Corrected variable (1 bit or 1 byte).
- Cyclical monitoring of the corrected variable.
- Fault message object for drive faults.
- Emergency operation via internal temperature sensor.
- 2 forced settings or 1 forced setting and 1 limit value object can be set.
- Minimum and maximum variable limit can be set.

KNX system devices, actuators, sensors

Specifications	Order No.	P. unit	PS
Technical data			
KNX medium:	TP1-256		
Valve			
- Connection:	M30 x 1.5 mm		
- Valve:	1.0 mm to 4.2 mm		
- Regulating power:	80 N to 120 N		
Cable length			
- Connection cable:	1 m		
- Length of the connection cable for each KNX line (sum total applies to all servos present in the line):	max. 30 m		
- Binary input/remote sensor:	Max. 10 m		
Number of servos for each KNX line:	30 units max		
Protection type:	IP40		
Ambient temperature:	0 °C to 50 °C		
Dimensions in mm	W 79	H 47	D 79
Notes			
- With the default setting, the servo fits on Heimeier valve bases. Use an adapter for valve bases of other manufacturers.			

Specifications	Order No.	P. unit	PS
KNX room actuator			
			
DRA plus	2162 00	1	26
+ Optional accessories			
Therm.servo 230 V	2169 00	→	341

Features

- The room actuator controls three functions simultaneously in one device, such as lighting, blind and heating. The four relay outputs can be set either for blind operation or alternatively for switching operation in the ETS (Engineering Tool Software). Mixed operation is also possible.
- Two switching outputs make one blind output.
- In addition, there are two further electronic switching outputs for the control of servos.

Switching operation

- The room actuator with its relay contacts controls electrical devices such as lighting systems. The relay contacts have flip-flop contacts, so that the last set switching condition remains unchanged even if the power supply fails.
- Functional properties for each output: a wide spectrum of time functions, logical links, scenes, block functions or restraints, extended feedback, cyclical monitoring of incoming switching telegrams and an elapsed operating time meter.

Blind operation

- The room actuator uses its relay contacts to control electrically operated blinds, shutters, awnings, ventilation flaps, or similar hangings with a mains voltage of AC 230 V.
- Functional properties for each output channel: separately parameterisable movement times, extended feedback functions, assignments of up to 5 various safety functions, a comprehensive solar protection function and the integrating in scenes or restraints.

Room temperature control

- Two further electronic switching outputs are used for silent operation of electro thermic servos for heating or cooling systems.
- Continuous correcting variable telegrams are implemented in a pulse width modulated output signal (PWM). With this the servos can be continuously controlled. Alternatively, implementing switching correcting variables is also possible. Status message for the valve position and cyclical monitoring of correcting variable telegrams.
- Emergency mode in case of bus voltage failure or bus/mains voltage recovery plus forced setting via bus telegram for summer and winter mode.
- An alarm is triggered in case of short circuit or overload of the switching output and position protection for the valves. De-energised closed or open valve drives can be connected
- Monitoring of mains voltage supply, and in cases of malfunction, the transmission of an alarm message on the bus.
- Group messages "all valves closed" and "largest correcting variable".

Specifications	Order No.	P. unit	PS
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Technical data

KNX medium:	TP1-256
Heating outputs	
- Switching contact:	Triac
- Number:	2
- Number of drives per output:	max. 4
- Switching current:	5 to 50 mA
- Maximum switch-on current:	1.5 A, 2 s
Switching contact:	μ contact, 4 x zero-voltage NO contact each
Switching capacity AC 230 V:	16 A / AC1 or 6 A / AC3
Maximum switch-on current	
- 200 μs:	800 A
- 20 ms:	165 A
Connected load	
- Ohmic load:	3000 W
- Capacitive load AC 230 V:	16 A, max. 140 μF
- Light bulbs:	3000 W
- HV halogen lamps:	2500 W
- Wound transformer:	1200 VA
- Gira Tronic transformer:	1500 W
- Fluorescent lamps, parallel-compensated:	1160 VA
- Mercury-vapour lamps, uncompensated:	1000 W
- Mercury-vapour lamps, parallel-compensated:	1160 W
- Motors (blind or fan):	1380 VA
Connections	
- KNX:	Connection and junction terminal
- Load:	load via screw terminals
- :	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

Notes

- VDE approval in accordance with EN 60669-1, EN 60669-2-1.
- Installation on DIN top-hat rail.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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KNX analogue actuator, 4-gang



DRA plus	1022 00	1/100	26
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+ Necessary accessories

Power supply

Pow.supply AC 24 V 1 A DRA 1024 00	→	537
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Features

- 4-gang DRA analogue actuator with integrated bus coupler converts KNX telegrams (1-byte and 2-byte) into analogue output signals.
- These analogue output signals enable heating and ventilation actuators to adapt their initial parameters based on bus information, and to participate in control processes.
- Voltage outputs with short-circuit protection.
- The initial state is indicated by the status LED.
- The initial parameters can be restrained.
- Switch off outputs not required.
- The four outputs are parameterised to voltage or current signals by the software.

Technical data

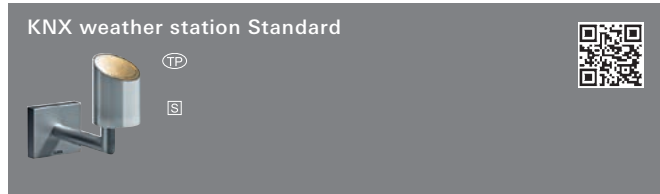
KNX medium:	TP1-256
Number of outputs:	4
Rated voltage:	AC 24 V
Connections	
- KNX:	Connection and junction terminal
- Power supply:	Screw terminals
- Outputs:	Screw terminals
- :	max. 4 mm ²
Current signals at the output	
- 0 to 20 mA:	Load ≤ 500 Ω
- 4 to 20 mA:	Load ≤ 500 Ω
Voltage signals at the output	
- 0 to 1 V:	Load ≥ 1 kΩ
- 0 to 10 V:	Load ≥ 1 kΩ
Ambient temperature:	-5 °C to +45 °C
Dimensions	
- Modular widths (MW):	4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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Sensors



2150 04	1	06
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+ Necessary accessories

One of the following articles:

Pow.supply AC 24 V 1 A DRA 1024 00	→	537
Pow.supply DC 24 V 700 mA DRA 2570 00	→	392
Pow.supply DC 24 V 300 mA DRA 1296 00	→	392
Pow.supply DC 24 V 700 mA DRA 2570 00	→	392

Features

- Weather station Standard for measuring and evaluating weather data (wind speed, precipitation, twilight, temperature, and brightness).
- Installation outdoors of buildings, preferably in the roof area.
- Temperature sensor for measuring the outdoor temperature.
- Wind sensor (thermal) for determining the wind speed.
- Twilight sensor for measuring the brightness in the twilight range.
- Three brightness sensors offset by 90° determine the brightness in daylight and sunshine, direction-dependent.
- Rain sensor for recording precipitation.
- A teach-in function enables the application of a current measured value as a limit. This can, for example, be triggered by pressing an external button.
- Two limits with an adjustable hysteresis per sensor (except rain sensor) can be parameterised.
- All limit objects have a parameterisable switch-on and switch-off delay.
- Six logic gates (AND, AND with return, OR, Exclusive OR, NAND, NOR) with up to four inputs for external and internal 1 bit values.
- Four blocking elements for blocking functions or manual operation.
- Cyclical transmission in case of a value change.

Technical data

KNX medium:	TP1-64
Rated voltage:	AC/DC 24 V SELV
Power consumption:	7 W
Measurement range	
- Wind speed:	0 to 40 m/s
- Brightness:	1 to 110 klx
- Twilight:	0 to 674 lux
- Precipitation:	Yes/No (binary)
Protection type:	IP44
Ambient temperature:	-20 °C to +55 °C

Notes

- Direct sunlight can impact temperature measurement.

Specifications	Order No.	P. unit	PS
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2074 00	1	06
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+ Necessary accessories

One of the following articles:

Pow.supply AC 24 V 1 A DRA 1024 00	→	537
DC pow.supply unit 24 V 5 A DRA 0535 00	→	393

Features

- The KNX weather station records the wind speed, wind direction, precipitation, global radiation, temperature, twilight, relative humidity, air pressure and with four sensors the brightness in different directions.
- The maximum value of the brightness sensors, absolute humidity, perceived temperature and comfort are calculated using the measured data.
- An area of application is the automatic, weather-dependent shading system specifically for home use.
- The weather station monitors some of its own major functions and reports corresponding faults automatically via message objects on the bus.
- Monitoring of the applied voltage. The failure is reported via a communications object on the bus.
- With integrated bus coupler.
- Mounting outdoors on a pole or on the wall.
- The position of the installation site can be determined via GPS.



Functions

- Two limits with an adjustable hysteresis per sensor can be parameterised internally or specified as 8-bit or 16-bit values.
- The teach-in function enables the application of a current measured value to a limit.
- All limit objects have a parameterisable switch-on and switch-off delay.
- 16 logic gates (AND, AND with return, OR, Exclusive OR, NAND, NOR) with up to four inputs for external and internal 1-bit values.
- 4 blocking elements for blocking functions or manual operation.
- Automatic shading control of up to 8 facades can be implemented with sun position-dependent tracking of the slats and hanging height control.
- All values can be output when values change and cyclically. The outputs of the blocking elements can be sent only if the value changes.
- Weather stations can be cascaded via the logic functions. This is recommended for expansion of functions (measuring the wind strength on different facades) or for significantly increased functional reliability through redundancy.

Specifications	Order No.	P. unit	PS
Technical data			
KNX medium:	TP1-256		
Power supply			
- Rated voltage:	AC 24 V SELV (± 10%)		
- Rated voltage:	DC 21 to 32 V SELV		
- Current consumption:	100 to 400 mA		
Connection cable			
- Cable type:	LiYCY 4xAWG26		
- Cable length:	5 m		
- Total length per line:	15 m		
Number of weather stations:	max. 3 (per line)		
Ambient temperature:	-30°C to +60°C		
Protection type:	IP44		
Protection class:	III		
Wind direction sensor			
- Measurement range:	1 to 360°		
- Resolution:	1°		
- Precision:	±10°		
Wind speed sensor			
- Measurement range:	0 to 40 m/s		
- Resolution:	0.1 m/s		
- Accuracy ({{~<=}} 10 m/s):	±1 m/s		
- Accuracy ({{~>=}} 10 m/s):	±5 %		
Temperature sensor			
- Measurement range:	-30°C to +60°C		
- Resolution:	0.1 K		
- Precision:	±1 K		
Precipitation sensor			
- Measurement range:	yes / no		
- Precision:	fine drizzle		
Brightness sensors			
- Number:	4		
- Measurement range:	0 to 150 klx		
- Resolution:	1 klx		
- Precision:	±3 %		
Dawn/dusk sensor			
- Measurement range:	0 to 900 lx		
- Resolution:	1 lux		
- Precision:	±10 lx		
Air pressure sensor			
- Measurement range:	300 to 1100 hPa		
- Resolution:	0.01 hPa		
- Precision:	±0.5 hPa		
Humidity sensor			
- Measurement range:	0 to 100 % rel. humidity		
- Resolution:	0.1 % rel. humidity		
- Precision:	±10 % rel. humidity (20 °C)		
- abs. humidity:	0 to 400 g/m ³		
- Resolution:	0.01 g/m ³		
Global radiation			
- Measurement range:	0 to 1300 W/m ²		
- Resolution:	1 W/m ²		
- Precision:	±10 %		
Dimensions in mm	Ø 130	H 68	

Notes

- Measured values apply for the installation site. Deviations from other weather services are possible.
- All accuracy specifications of the measured values refer to the respective measurement range send value.

Specifications	Order No.	P. unit	PS
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>KNX module for smoke alarm device Dual</p>  </div> <div style="text-align: right;">  </div> </div>			
	2343 00	1/5	46

Features

- The KNX module enables connecting the smoke alarm device Dual Q to a KNX system.
- Downwards-compatible, therefore it can also be used for smoke alarm device Dual/VdS.
- Alarm
- Auxiliary unit alarm (for networking several smoke alarm devices via KNX).
- Wired alarm (wired networking of several smoke alarm devices).
- Signal transmitter (to switch on signalling tone)
- Status messages.
- Fault messages.

Technical data

KNX medium:	TP1-256
KNX connection:	Connection and junction terminal
Ambient temperature:	-5 °C to +50 °C

Notes

- The KNX module is simply plugged in at the interface of the smoke alarm device Dual. The networking terminals of the smoke alarm device can continue to be used when the module is attached.
- Please observe the planning information in the Technical Appendix.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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Analogue Sensor Interface

DRA binary inputs for connecting contacts. The switching processes of contacts (e.g. sentinels/buttons) are converted to KNX telegrams. The inputs can be assigned various functions or blocked independently of each other in the process. Signal display possible via yellow status LEDs.

Features

- Each input has full function. All channel-oriented functions can be parameterised separately per input.
- Actively transmitting telegrams of inputs can be delayed globally based on bus voltage return or ETS programming.
- Debounce and telegram rate limit are configurable.
- Free assignment of the functions switching, dimming, blind, value transmitter and pulse counter to the inputs.
- Blocker for blocking individual inputs (polarity of the blocking object adjustable) for the functions switching, dimming, blind and value transmitter.
- Behaviour upon bus voltage recovery can be configured separately for each input.
- Switching function: Two independent switching objects are available for each input (switching commands can be individually configured), command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), independent cyclical transmission of the switching object depending on the edge or depending on the object value can be selected.
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible.
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set (only with Step - Move - Step), slat adjustment time can be set.
- Value transmitter function: edge (button as NO contact, button as NC contact, switch) and value with edge can be configured, value adjustment with button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible.
- Pulse counter function: Counting interval is adjustable, edges (counting with leading edge, counting with trailing edge, counting with leading and trailing edge) are programmable, number of pulses required at the input can be configured, number of required counts for a counter change can be configured, each input includes a main counter and an intermediate counter, main counter and intermediate counter can operate separately from each other as a forward or reverse counter, start and end values of the counter can be set via parameter or communication object, count status can be read via KNX or automatically, performance after counter operation is programmable, reset pulse counter via KNX (counter reset).

Technical data

KNX medium:	TP1-256
Length of the input line:	max. 100 m
Ambient temperature:	-5 °C to +45 °C

Specifications	Order No.	P. unit	PS
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KNX binary input, 6-gang 10 – 230 V AC/DC



TP

S



DRA plus	2126 00	1	66
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Features

- The binary input has six independent inputs in the voltage range of 10 to 230 V that are connected to the electrical signals.
- Inputs 1 to 3 and inputs 4 to 6 share one common reference potential. Therefore different external conductors can be connected for each input group, e.g.: E1-E3 = L1 and E4-E6 = L2.
- Evaluation of direct current voltage signals (DC) or alternating current voltage signals (AC).

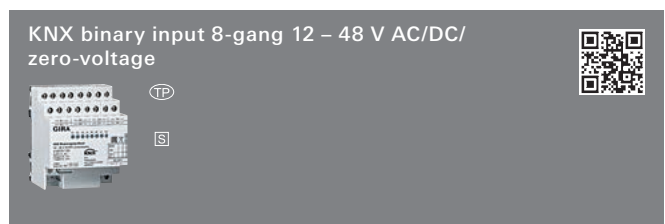
Technical data

Rated voltage:	AC/DC 10 to 230 V
Signal voltage	
- for "0" signal:	AC/DC 0 to 2 V
- for "1" signal:	AC/DC 7 to 230 V
Input current at rated voltage:	0.7 mA
Rated frequency AC-signal:	30 to 60 Hz
Signal duration Pulse counter:	min. 100 ms
Number of inputs:	6
Connections	
- KNX:	Connection and junction terminal
- Inputs:	Screw terminals
- :	max. 4 mm ²
Dimensions	
- Modular widths (MW):	2

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



DRA plus 2128 00 1 66

Features

- The binary input has eight independent inputs in the voltage range of 12 to 48 V that are connected to the electrical signals.
- Evaluation of direct current voltage signals (DC) or alternating current voltage signals (AC).
- The binary input has a separate 24 V DC auxiliary voltage (SELV) available for connecting zero-voltage contacts.
- Status message in case of error with the auxiliary voltage on the bus can be removed.
- Possibility to connect meters with S0 interface (e.g. energy, gas, water meter).

Technical data

Rated voltage:	AC/DC 12 to 48 V
Signal voltage	
- for "0" signal:	-48 to +2 V
- for "1" signal:	8 to 48 V
Input current at rated voltage:	2 mA
Rated voltage S0:	max. DC 27 V
Pulse frequency S0:	max. 33 Hz
Rated frequency AC-signal:	30 to 60 Hz
Signal duration:	min. 15 ms
Number of inputs:	8
Output	
- Voltage:	DC 24 V SELV
- Electricity:	max. 4 mA
Connections	
- KNX:	Connection and junction terminal
- Inputs:	Screw terminals
- :	max. 4 mm ²
Dimensions	
- Modular widths (MW):	4

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS

Universal button interfaces

Flush-mounted binary inputs, can be used in deep device box (60 mm deep) behind a conventional switch/push button, for connection of zero-voltage contacts. The switching operations of zero-voltage contacts are converted into KNX telegrams. The inputs can be assigned various functions or blocked independently of each other in the process. The inputs can be parameterised as outputs (max. 2 mA).

Features

- Blocker for blocking individual inputs.
- Behaviour upon bus voltage recovery can be configured separately for each input.
- Telegram rate limit.
- Two independent switching objects are available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the switching object depending on the edge or depending on the object value can be selected.
- Single-surface and double-surface operation, time between dimming and switching, and dim-step size can be set, telegram repetition, and stop telegram transmission possible.
- Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set.

Value transmitter and light scene auxiliary unit function:

- edge (button as NO contact, button as NC contact, switch) and value with edge can be configured, value adjustment with button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible.

Temperature value transmitter and brightness value transmitter function:

- edge and value configurable, value adjustment with push button is possible by pressing and holding button.

Pulse counter function:

- edge for pulse counting and interval time for meter reading transfer can be configured, edge of the synchronisation signal for resetting the meter reading and switching telegram when synchronisation signal arrives can be set.

Function of switching counter:

- edge for counting the signals at the input and maximum meter reading selectable, increment for the counter reading output and telegram when the maximum meter reading is reached can be parameterised.

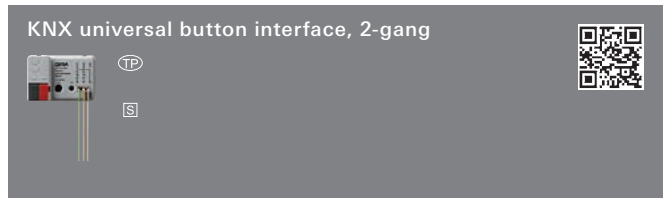
Function as switching output:

- Behaviour in case of bus failure and return, switch-on/off delay or time switch function, output clocking (flashing of an LED).

Technical data

KNX medium:	TP1-256
Ambient temperature:	-5 °C to +45 °C
Dimensions in mm	W 43 H 28 D 15

Specifications	Order No.	P. unit	PS
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	1118 00	1/5	06
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+ Optional accessories
 Junction box **0070 30** → 202

Features

- 2-gang flush-mounted binary input The two inputs can be assigned various functions or blocked independently of each other in the process. Both inputs can be configured as outputs (max. 2 mA).
- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs or pulse counters and switching counters.

Technical data

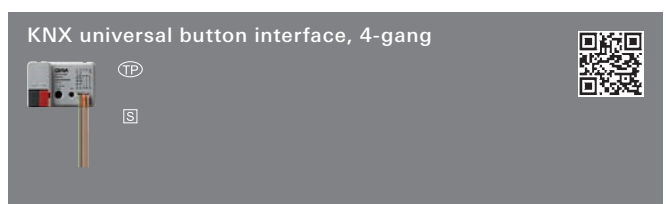
Number of inputs: 2

Connections

- KNX: Connection and junction terminal
- Input line: 3-wire cable set

Scope of supply

- KNX connection and junction terminal included in the scope of supply.



	1119 00	1/5	06
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+ Optional accessories
 Junction box **0070 30** → 202

Features

- 4-gang flush-mounted binary input. The four inputs can be assigned various functions or blocked independently of each other in the process. Two of the four inputs can be parameterised as outputs (max. 2 mA).
- Free assignment of the functions switching, dimming, blind and value transmitter to inputs 1 through 4 or pulse counters and switch counters to inputs 1 and 2.

Technical data

Number of inputs: 4

Connections

- KNX: Connection and junction terminal
- Input line: 5-wire cable set

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications	Order No.	P. unit	PS
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Accessories



DRA	1024 00	1/100	26
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+ Optional accessories

Analogue act. 4-g **1022 00** → 532

Weather st. Standard **2150 04** → 533

Weather st. Plus **2074 00** → 533

Features

- Power supply for the weather station and the in-built heating of the wind sensor 0 – 10 V, rain sensor 0 / 10 V, etc.

Technical data

Rated voltage

- Primary: AC 230 V 50/60 Hz
- Secondary: AC 24 V

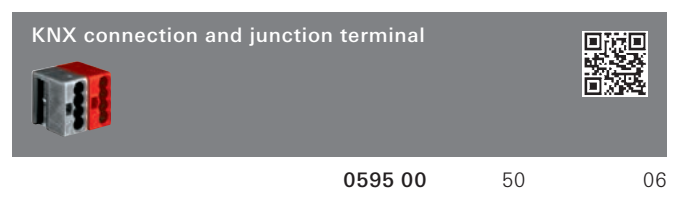
Secondary rated current: 1 A

Connections: Screw terminals

Ambient temperature: -5 °C to +45 °C

Dimensions

- Modular widths (MW): 4



	0595 00	50	06
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Features

- Plug terminal 2-pole (red/black) for connecting the KNX line to the flush-mounted bus coupler or installation/surface-mounted devices.
- Up to four lines can be connected.

Notes

- Can also be used as a junction terminal in device boxes.



	0903 00	1	06
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+ Necessary accessories

USB data I/F FM **1070 00** → 515

Features

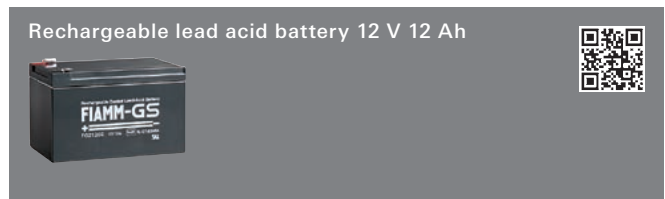
- USB connection cable for connecting the flush-mounted or DRA USB data interface to the PC.
- Plug type A-B.

Technical data

Connection cable

- Length: 3 m

Specifications Order No. P. unit PS



Rechargeable battery 12 V 12 Ah **1130 00** 1 26

+ Necessary accessories
 Pow.supply 640 mA w/o choke **1079 00** → 513
 Basic cab.set **1128 00** → 538

+ Optional accessories
 Extension cab.set **1129 00** → 538

Features
 - For buffering the KNX system voltage in combination with the power supply 640 mA uninterruptible.
 - A maximum of two lead-gel rechargeable accumulators can be connected in parallel to the power supply.

Technical data
 Rated voltage: DC 12 V
 Rechargeable battery capacity: 12 Ah
 Weight: 4.2 kg
 Dimensions in mm
 W 151 H 94 D 98

Notes
 - The basic cable set must be used when connecting one lead-gel rechargeable accumulator to the KNX power supply. When connecting two lead-gel rechargeable accumulators, the basic cable set is required for the one accumulator and the expansion cable set is required for the other accumulator.
 - Maintenance-free due to closed design as per EN 50014/ VDE 0170/0171 Part 1/5.78.

Specifications Order No. P. unit PS



1128 00 1 26

+ Necessary accessories
 Rech.lead acid bat. 12 V 12 Ah **1130 00** → 538

Features
 - Basic cable set for connecting one lead-gel rechargeable accumulator to the power supply 640 mA uninterruptible.
 - A replaceable fuse is included in the cable set.
 - A temperature sensor for charging voltage control is integrated.

Technical data
 Length of the connection line: 2 m
 Fuse: T 6.3 H 250 V



1129 00 1 26

+ Necessary accessories
 Rech.lead acid bat. 12 V 12 Ah **1130 00** → 538

Features
 - Extension cable set for connecting a second lead-gel rechargeable battery to the power supply 640 mA uninterruptible.
 - A replaceable fuse is included in the cable set.

Technical data
 Length of the connection line: 2 m
 Fuse: T 6.3 H 250 V

Scope of supply
 - A replaceable fuse is integrated in the extension cable set.

KNX system devices, actuators, sensors



Wireless installation – with the right standard for every application

More comfort, security and energy savings without new or additional cables or intrusive damage to the building. No dirt or noise: all this is made possible with modern wireless systems for home technology. Gira offers products for various systems that each focus on different applications, ranging from extending a conventional system by individual wireless switches or the integration of wireless lighting control with ZigBee® to complete wireless systems for convenient home automation or seamless extension of KNX systems with KNX RF wireless technology.



Gira eNet SMART HOME

Using the eNet SMART HOME product portfolio and conventional electrical installation systems, functions like lighting, blind and heating control can be easily installed and interlinked not only in new buildings, but in existing ones, too. The systems are operated via the operating devices in the Gira design or through iOS or Android smartphones and the eNet server.



ZigBee®

Smart lighting systems based on the ZigBee® Light Link, such as Philips Hue, are popular for retrofitting among end users. The Gira ZigBee® Light Link controls seamlessly integrate such systems into the Gira design lines – even without manufacturer-specific bridges and gateways.



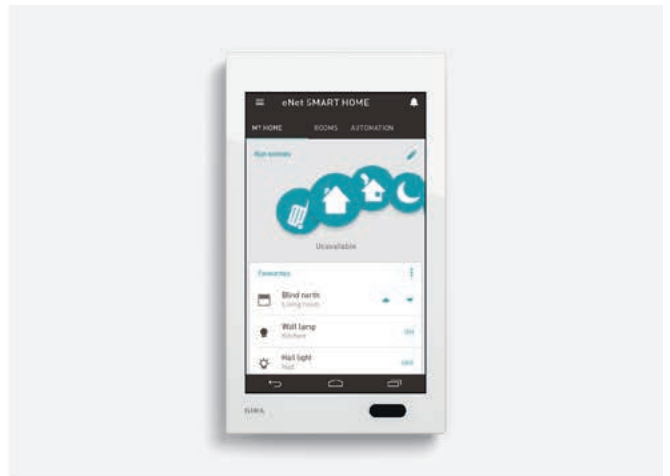
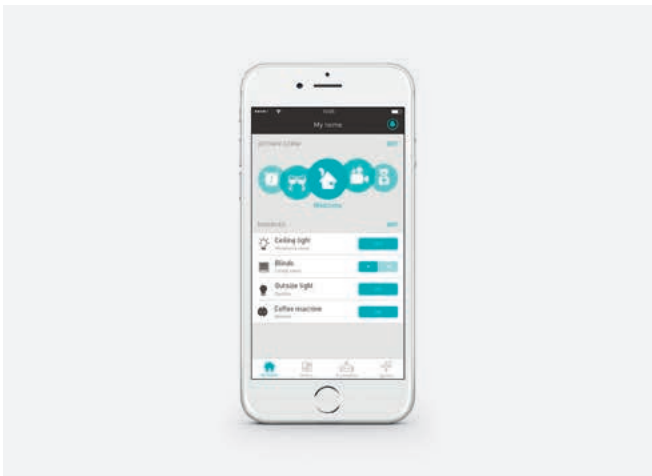
Gira KNX RF

More operating convenience for building technology in buildings with a KNX system: with little time or effort, and above all without noise and dust, Gira KNX RF creates new options for controlling lights, blinds, scenes etc. wirelessly all over the building. Keypads can be freely positioned – on walls made of stone, concrete, wood or glass, or on furniture.

System devices	549
Transmitter	550
Gira G1	553
Operating top units	554
Sensors	557
Energy Sensors	557
Actuators	558
eNet alliance with Steinel	564
eNet alliance with tado°	564
Accessories	565

Training

The "Gira eNet"online distance learning course is available free-of-charge at www.academy.gira.com alongside other training opportunities.



The bi-directional wireless system

Gira eNet SMART HOME is the bi-directional wireless system for intelligent networking and control of buildings. Tie lights, blinds and heating into scenes and control them with operating devices like the Gira G1 or a smartphone through the eNet SMART HOME app. Thanks to intelligent integration of Gira eNet SMART HOME and tado°, you can now also control radiators and underfloor heating with the Gira eNet wireless wall transmitter.



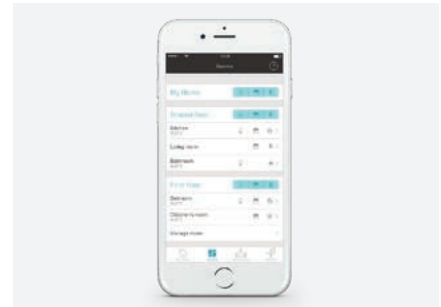
eNet SMART HOME works both ways

The separate components in the Gira eNet system both transmit and receive signals wirelessly. Actuators not only receive commands, but also signal successful transmission and their status back to the sender. Especially when issuing commands from a centralised controller, this feedback is indispensable to users.



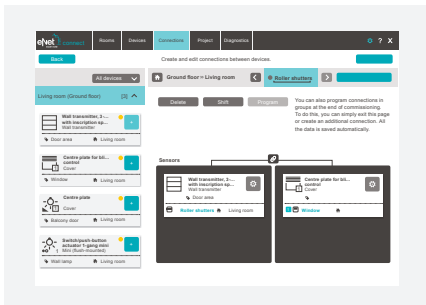
Network and control lights, blinds and heating with eNet SMART HOME

Control and dim lights, raise and lower blinds, extend and retract awnings, get the bathroom cosy and warm or come home to a house that will always be pleasantly heated. With Gira eNet components, you can control lights and shading wirelessly. Thanks to intelligent integration of tado°, you can now also control radiators and underfloor heating.



Operating devices from switches to Gira G1 to smartphones

You can control eNet SMART HOME with a variety of wall and hand-held transmitters, the Gira G1, iOS and Android smartphones, computers and the Gira Control9 Client 2. Remote access via smartphone is optionally available in addition.



Simple start-up and diagnosis

Besides simple, five-step start-up of smart applications, the eNet server also makes diagnosis and documentation of eNet SMART HOME configurations really easy.



Maximum data security

Fully encrypted wireless transmission, automatically assigned unique device IDs, servers located solely in Germany, anti-tamper protection: a whole package of measures ensures maximum data security for the entire system.



Future-proof industry standard

Strong brands have united to form the eNet alliance, making solutions possible across brands and products. The alliance is constantly working on advancing eNet SMART HOME as a shared industry standard. This makes eNet SMART HOME as future-proof as could be. Steinel, for example, offers two outdoor motion detectors for the eNet SMART HOME.



Future-proof thanks to strong partners

Strong brands have united to form the eNet alliance, making solutions possible across brands and products. The alliance is constantly working on advancing eNet SMART HOME as a shared industry standard. This makes eNet SMART HOME as future-proof as could be. User can rely on each and every component – both now and in the future. The eNet alliance welcomes new partners, so that the scope of opportunities continues to expand.



System devices
→ 549



Transmitter
→ 550



Gira G1
→ 553



Operating top units
→ 554



Sensors
→ 557



Energy Sensors
→ 557



Actuators
→ 558



eNet alliance with
Steinel
→ 564

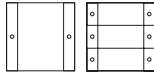

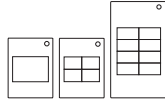

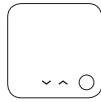




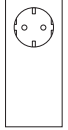

























eNet alliance with
tado°
→ 564









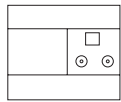
Accessories
→ 565

System and function overview

<p>Transmit functions</p> <p>Transmission acknowledgement</p> <p>Reception functions</p> <p>Status display</p>	 <p>Wireless wall transmitter, System 55 1-gang 5331.. → 551 3-gang 5333.. → 552</p> 	 <p>Wireless hand-held transmitter 1-gang 5350 10 → 550 2-gang 5352 10 → 550 4-gang 5354 10 → 551</p> 	 <p>tado° heating control → 564</p> 
 <p>Wireless switching/momentary-contact actuator, 1-gang Mini 5423 00 → 558 Wireless switching/momentary-contact actuator, 1-gang Mini, zero-voltage 5424 00 → 558 Wireless switching/momentary-contact actuator, 2-gang Mini 5425 00 → 559</p>  	<p>Pressing Switching Scenes</p>	<p>Pressing Switching Scenes</p>	
 <p>Wireless switching actuator, 1-gang intermediate plug 5448 02 → 644</p>  	<p>Pressing Switching Scenes</p>	<p>Pressing Switching Scenes</p>	
 <p>Wireless blind actuator, 1-gang Mini 5427 00 → 561</p>  	<p>Raising/lowering Positioning Scenes</p>	<p>Raising/lowering Positioning Scenes</p>	
 <p>Wireless dimming actuator, 1-gang Mini 5420 00 → 559</p>  	<p>Switching Dimming Scenes</p>	<p>Switching Dimming Scenes</p>	
 <p>Wireless control unit 1-10 V, 1-gang Mini 5421 00 → 560</p>  	<p>Switching Dimming Scenes</p>	<p>Switching Dimming Scenes</p>	
 <p>Wireless DALI control unit, 1-gang Mini 5422 00 → 560</p>  	<p>Switching Dimming Scenes</p>	<p>Switching Dimming Scenes</p>	
 <p>Wireless switching/momentary-contact actuator, 1-gang DRA ^{1) 2)} 5433 00 → 561</p>  	<p>Pressing Switching Scenes</p>	<p>Pressing Switching Scenes</p>	
 <p>Wireless switching/momentary-contact actuator, 8-gang/Blind actuator, 4-gang DRA ^{1) 2)} 5435 00 → 562</p>  	<p>Switching Raising/lowering Positioning Scenes</p>	<p>Switching Raising/lowering Positioning Scenes</p>	
 <p>Wireless blind actuator, 1-gang DRA ^{1) 2)} 5437 00 → 578</p>  	<p>Raising/lowering Positioning Scenes</p>	<p>Raising/lowering Positioning Scenes</p>	

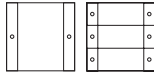




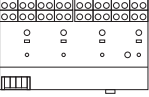













¹⁾ Required for power supply: 12 V DC/2 A DRA power supply (5319 00) which supplies an eNet Server or an eNet wireless receiver module DRA and up to 32 other DRA components.
²⁾ Required for receiving wireless telegrams: eNet Server REG (5301 00) or eNet wireless receiver module DRA (5452 00). A single eNet server or eNet wireless receiver module DRA can supply up to 32 DRA components with wireless signals.
³⁾ The following wireless bus products are not supported: Wireless controller (0358 18), wireless presence detector (0318 ...), wireless room temperature sensor (1186 ...), wireless sentinel 180/16 (0826 02), wireless automatic control switch (1306 ...), wireless window contact (2256 ...).
⁴⁾ Only possible in eNet system, not through to the wireless bus system.

System and function overview

 <p>Steinel sensIQ eNet → 564</p> 	 <p>Steinel XLED PRO eNet → 564</p> 	 <p>Wireless sun sensor Solar 5461 02 → 557</p> 	 <p>Wireless universal transmitter 2-gang Mini 5453 00 → 552</p> 	 <p>DRA server 5301 00 → 549</p> 
			Yes	Yes
Yes	No		Yes	Yes
Triggers touch/switch commands and scenes	Triggers touch/switch commands and scenes	Scenes	Pressing Switching Scenes	Programming Visualising and operating Parameter setting Logic and timer functions Repeater function
Triggers touch/switch commands and scenes	Triggers touch and switch commands and scenes	Scenes	Pressing Switching Scenes	Programming Visualising and operating Parameter setting Logic and timer functions Repeater function
Raising/lowering Trigger scenes	Raising/lowering Trigger scenes	Positioning	Raising/lowering Positioning Scenes	Programming Visualising and operating Parameter setting Logic and timer functions Repeater function
Triggers switch commands and scenes	Triggers switch commands and scenes	Scenes	Switching Dimming Scenes	Programming Visualising and operating Parameter setting Logic and timer functions Repeater function
Triggers switch commands and scenes	Triggers switch commands and scenes	Scenes	Switching Dimming Scenes	Programming Visualising and operating Parameter setting Logic and timer functions Repeater function
Triggers switch commands and scenes	Triggers switch commands and scenes	Scenes	Switching Dimming Scenes	Programming Visualising and operating Parameter setting Logic and timer functions Repeater function
Triggers touch/switch commands and scenes	Triggers touch and switch commands and scenes	Scenes	Pressing Switching Scenes	Programming Visualising and operating Parameter setting Logic and timer functions
Triggers touch/switch commands and scenes Raising/lowering	Triggers touch and switch commands and scenes Raising/lowering	Scenes Positioning	Switching Raising/lowering Positioning Scenes	Programming Visualising and operating Parameter setting Logic and timer functions
Raising/lowering Trigger scenes	Raising/lowering Trigger scenes	Positioning	Raising/lowering Positioning Scenes	Programming Visualising and operating Parameter setting Logic and timer functions










Continued on next page

System and function overview

<p>Transmit functions</p> 	<p>Wireless wall transmitter, System 55 1-gang 5331.. → 551 3-gang 5333.. → 552</p> 	<p>Wireless hand-held transmitter 1-gang 5350 10 → 550 2-gang 5352 10 → 550 4-gang 5354 10 → 551</p> 	<p>tado° heating control → 564</p>  	
<p>Transmission acknowledgement</p>	<p>Yes</p>	<p>Yes</p>	<p>No</p>	
<p>Reception functions</p> 	<p>Status display</p> 	<p>Yes</p>	<p>Yes</p>	<p>Temperature setpoint, tado° mode</p>
<p>Wireless dimming actuator, 1-gang DRA ^{1) 2)} 5430 00 → 562 Wireless dimming actuator, 4-gang DRA ^{1) 2)} 5431 00 → 563</p> 	<p>Switching Dimming Scenes</p>	<p>Switching Dimming Scenes</p>		
<p>Wireless switching/dimming top unit, 1-gang System 2000 5490.. → 554</p> 	<p>Switching Dimming Scenes</p>	<p>Switching Dimming Scenes</p>		
<p>Wireless blind control button 1/gang 5491.. → 556</p> 	<p>Raising/lowering Positioning Scenes</p>	<p>Raising/lowering Positioning Scenes</p>		
<p>Wireless repeater intermediate plug 5321 02 → 635</p> 	<p>Telegram repetition</p>	<p>Telegram repetition</p>		
<p>eNet wireless converter intermediate plug ³⁾ 5323 02 → 634</p> 	<p>Operating the wireless bus system</p>	<p>Operating the wireless bus system</p>		
<p>Server DRA ¹⁾ 5301 00 → 549</p> 	<p>Programming Visualising Parameter setting</p>	<p>Programming Visualising Parameter setting</p>	<p>Connect tado° system to eNet using eNet server version 2.1</p>	
<p>tado° heating control → 564</p>  	<p>Adjust temperature setpoint, set tado° mode</p>	<p>Adjust temperature setpoint, set tado° mode</p>		
<p>Steinel sensIQ eNet → 564</p>  	<p>Switching, scenes</p>	<p>Switching, scenes</p>		
<p>Steinel XLED PRO eNet → 564</p>  	<p>Switching, scenes</p>	<p>Switching, scenes</p>		

¹⁾ Required for power supply: 12 V DC/2 A DRA power supply (5319 00) which supplies an eNet Server or an eNet wireless receiver module DRA and up to 32 other DRA components.
²⁾ Required for receiving wireless telegrams: eNet Server REG (5301 00) or eNet wireless receiver module DRA (5452 00). A single eNet server or eNet wireless receiver module DRA can supply up to 32 DRA components with wireless signals.
³⁾ The following wireless bus products are not supported: Wireless controller (0358 18), wireless presence detector (0318 ...), wireless room temperature sensor (1186 ...), wireless sentinel 180/16 (0826 02), wireless automatic control switch (1306 ...), wireless window contact (2256 ...).
⁴⁾ Only possible in eNet system, not through to the wireless bus system.

System and function overview

 <p>Steinel sensIQ eNet → 564</p> 	 <p>Steinel XLED PRO eNet → 564</p> 	 <p>Wireless sun sensor Solar 5461 02 → 557</p> 	 <p>Wireless universal transmitter 2-gang Mini 5453 00 → 552</p> 	 <p>DRA server 5301 00 → 549</p> 
			Yes	Yes
Yes	No		Yes	Yes
Triggers switch commands and scenes	Triggers switch commands and scenes	Scenes	Switching Dimming Scenes	Programming Visualising and operating Parameter setting Logic and timer functions
Triggers switch commands and scenes	Triggers switch commands and scenes	Scenes	Switching Dimming Scenes	Programming Visualising and operating Parameter setting Logic and timer functions
Raising/lowering Positioning Scenes	Raising/lowering Positioning Scenes	Positioning	Raising/lowering Positioning Scenes	Programming Visualising and operating Parameter setting Logic and timer functions
Telegram repetition	Telegram repetition	Telegram repetition	Telegram repetition	Programming Parameter setting Telegram repetition
Operating the wireless bus system	Operating the wireless bus system		Operating the wireless bus system	Not compatible with eNet server version 2.0 and later
Programming Visualising Parameter setting Repeater function	Programming Visualising Parameter setting Repeater function	Programming	Programming Visualising Parameter setting	
			Adjust temperature setpoint, set tado° mode	Connect tado° system to eNet using eNet server version 2.1
Switching, scenes	Switching, scenes	Scenes	Switching, scenes	Programming Visualising and operating Parameter setting Logic and timer functions
Switching, scenes	Switching, scenes	Scenes	Switching, scenes	Programming Visualising and operating Parameter setting Logic and timer functions

eNet and eNet SMART HOME system overview

	eNet without eNet server	eNet SMART HOME with eNet server version 2.1 or later
Products		
eNet wireless hand-held transmitter Multi	•	–
eNet Mobile Gate	•	–
eNet wireless transformer intermediate plug	•	–
eNet wireless operating top unit	•	•
eNet wireless wall transmitter	•	•
eNet wireless hand-held transmitter, 1 to 4-gang	•	•
eNet wireless actuators	•	•
eNet wireless sensors	•	•
eNet wireless repeater	•	•
Manual start-up	•	–
Encrypted communication	–	•
Start-up with eNet SMART HOME connect	–	•
Operate using smartphone	eNet Mobile Gate app (Mobile Gate required)	eNet SMART HOME app
tado° heating control	–	•
Scenes		
Call up	•	•
Adjust values	•	•
Add/remove devices	•	•
Automatic functions		
If-then rules	–	•
Time control	–	•
Adjust device parameters	(configuration possible via eNet server)	•
Blocking functions	–	•
Threshold value functions	–	•
Restraint	–	•
Lock-out protection	–	•
Update software	–	•
Save configuration data	–	•
Document configuration	–	•
Record telegrams	–	•
Measure signal quality	(requires diagnostic device)	•
Remote access can be configured via app	–	•
Steinel Professional motion detector	•	•

Specifications Order No. P. unit PS

System devices



DRA 5301 00 1 05

+ Necessary accessories
Pow.supply DC 12 V 2 A DRA 5319 00 → 549

+ Optional accessories
WL add.antenna 5307 00 → 565
Add.WLAN antenna 5308 00 → 565
Gira Control 9 Client 2 2097 00 → 473
Gira G1 PoE 2069 .. → 462

Features

- Operation with eNet SMART HOME app for Apple iOS or Android or with Gira G1.
- Visualisation of the Gira interface via Gira Control 9 Client.
- Fully encrypted wireless transmission (AES CCM 128-bit) from eNet Server software version 2.0.
- Compatible with smart heating control of tado° as of eNet Server software version 2.1
- Wireless transmitter and wireless receiver for max. 32 eNet wireless DIN-rail mounting devices (eNet wireless receiver module DRA is not required).
- Internal eNet wireless and WLAN antenna.
- External eNet wireless and WLAN antennas can be connected.
- Functions: Switching or pressing, dimming, blind.
- Energy management, scenes, connections, timers, if-then rules
- Updates and configures eNet SMART HOME devices.
- Integrated telegram recording for diagnostics.
- Automatically generated project documentation.
- Optional remote access via My-eNet portal is compatible to IPv4 and IPv6.

Technical data

Rated voltage: DC 12 V SELV
Current consumption: 400 mA
Power consumption
- Operation: max. 6 W
- Standby: max. 2 W
Ambient temperature: -5 °C to +45 °C
IP communication
- LAN: Ethernet 10/100 Mbit
- WLAN: 2.4 GHz, IEEE 802.11g
IP connections: max. 8
Wireless frequency: 868.0 to 868.6 MHz
Range (free field): approx. 100 m
Data cable: J-Y(St)Y 2x2x0.8
Length of the data cable: max. 3 m
Number of eNet DRA modules: max. 32
Dimensions
- Modular widths (MW): 6

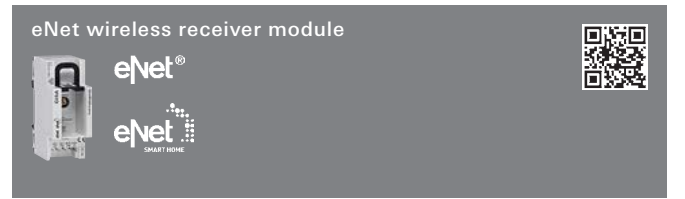
Notes

- The eNet server should be installed at a central location, where possible (e.g. ground floor) in order to guarantee good reception quality.
- Installation in a distribution box or sub-distribution with a metal housing requires an additional antenna. The additional antenna is to be placed outside the metal housing.
- The server is started up using the eNet SMART HOME connect web interface. To start up the server via the web interface, the start-up computer must have a current browser (e.g. Mozilla Firefox, Microsoft Internet Explorer, Edge, Safari, or Chrome).
- The power supply is required for power supply when installed.
- Installation on top-hat rail.
- Not compatible with the Gira wireless bus system.

Scope of supply

- A plug-in power supply unit is included in the scope of supply for mobile use of the eNet server.

Specifications Order No. P. unit PS



DRA 5452 00 1 42

+ Necessary accessories
Pow.supply DC 12 V 2 A DRA 5319 00 → 549

+ Optional accessories
WL add.antenna 5307 00 → 565

Features

- The eNet wireless reception module is a radio receiver for max. 32 eNet wireless DIN-rail mounting modules.
- Operation with power supply.
- Integrated antenna.
- External antenna can be connected additionally in unfavourable installation conditions.

Technical data

Rated voltage: DC 12 V SELV
Current consumption: 15 mA
Ambient temperature: -5 °C to +45 °C
Wireless frequency: 868.0 to 868.6 MHz
Range (free field): approx. 100 m
Data cable: J-Y(St)Y 2x2x0.8
Length of the data cable: max. 3 m
Number of eNet DRA modules: max. 32
Dimensions
- Modular widths (MW): 2

Notes

- Wireless approval is valid for EU and EFTA countries.
- Installation in a distribution box or sub-distribution with a metal housing requires an additional antenna. The additional antenna is to be placed outside the metal housing.

More information

Technical information → ⓘ 672



DRA 5319 00 1 42

+ Optional accessories
Server DRA 5301 00 → 549
WL receiver mod. DRA 5452 00 → 549

Features



- Power supply DC 12 V for the eNet server, eNet radio reception module and external camera.

Technical data

Rated voltage
- Primary: AC 100 to 240 V, 50/60 Hz
- Secondary: DC 12 to 14 V
Rated current
- Secondary: 2 A
Leakage current: max. 250 µA
Ambient temperature: -10 °C to +50 °C
Dimensions
- Modular widths (MW): 2

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2018.
eNet mobile gate

5305 00 1 42

Features

- Mobile gate for the operation of eNet switching, dimming, and blind actuators via WLAN using a tablet PC or smartphone.
- Operation with USB power supply.
- Operation with WLAN router or access point.
- Up to 5 tablet PCs or smartphones can be connected to the gateway simultaneously.
- eNet Mobile Gate app for Apple iOS and Android.
- Status LED for indicating the operating state.
- 20 lists for compiling favoured functions.
- 24 channels for operating eNet actuators.
- 16 scenes.
- Device software is updated via tablet PC or smartphone.
- Wall mount.

Functions

- All-On and All-Off.
- Lock-out protection for shutters and blinds.
- Forced setting function.

Technical data

Rated voltage:	DC 5 V		
Current consumption:	150 mA		
Wireless frequency:	868.0 to 868.6 MHz		
Ambient temperature:	0 °C to +45 °C		
Connection			
- IP:	RJ45 jack		
- USB:	Micro pin jack		
Dimensions in mm	W 80	H 76	D 26

Notes

- The mobile gate can only be programmed using the app, it cannot be started up with the eNet Server.
- The mobile gate enables the operation of only the eNet components within the wireless network.
- Remote access possible via third-party DNS service.
- No timers can be configured. Alternatively, the eNet server can be used.
- Incompatible with fully encrypted wireless transmission (AES CCM).
- Incompatible with the eNet server, version 2.0.
- Compatible with the Gira wireless bus system in conjunction with the eNet wireless converter intermediate plug.

Specifications Order No. P. unit PS

Transmitter


Features

- The eNet wireless transmitters transfer switching, dimming, and blind adjustment commands to corresponding eNet wireless receivers.

Technical data

Ambient temperature:	-5 °C to +45 °C
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m

eNet wireless hand-held transmitter, 1-gang




anthracite 5350 10 1 42

Features

- One button for one channel.
- Status LED.
- Battery-operated device.

Can be set with eNet server:

- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- Operation locks.
- All-On or All-Off scenes and individual scenes can be configured.
- Configuration of scene button via eNet SMART HOME app (if-then rules) to trigger actions, scenes, or timers.
- Device software update.

Technical data

Rated voltage:	DC 3 V		
Batteries:	1 x CR 2450N		
Dimensions in mm	W 40,5	H 55	D 15

Notes

- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.

Scope of supply

- Batteries are included in the scope of supply.

eNet wireless hand-held transmitter, 2-gang




anthracite 5352 10 1 42

Features

- Two buttons belong to each channel.
- Each pair of buttons can be set as channel or scene function.
- Status LED.
- Battery-operated device.

Can be set with eNet server:

- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- Signalling of the transmission status deactivatable.
- Operation locks.
- All-On or All-Off scenes, threshold value scenes, and individual scenes can be configured.
- Configuration of scene button via eNet SMART HOME app (if-then rules) to trigger actions, scenes, or timers.
- Device software update.

Specifications	Order No.	P. unit	PS
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Technical data

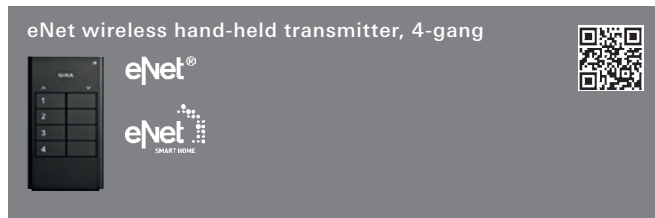
Rated voltage:	DC 3 V		
Batteries:	1 x CR 2450N		
Dimensions in mm	W 40,5	H 55	D 15

Notes

- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.

Scope of supply

- Batteries are included in the scope of supply.



anthracite	5354 10	1	42
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Features

- Two buttons belong to each channel.
- Each pair of buttons can be set as channel or scene function.
- Status LED.
- Battery-operated device.

Can be set with eNet server:

- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- Signalling of the transmission status deactivatable.
- Operation locks.
- All-On or All-Off scenes, threshold value scenes, and individual scenes can be configured.
- Configuration of scene button via eNet SMART HOME app (if-then rules) to trigger actions, scenes, or timers.
- Device software update.

Technical data

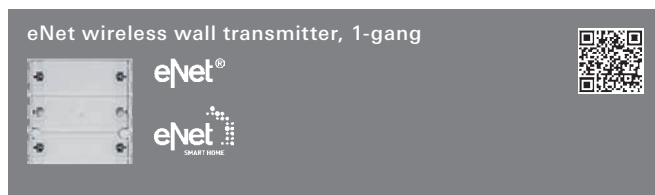
Rated voltage:	DC 3 V		
Batteries:	1 x CR 2450N		
Dimensions in mm	W 53	H 93	D 15,5

Notes

- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.

Scope of supply

- Batteries are included in the scope of supply.

**System 55, rocker with inscription space**

clear + pure white glossy	5331 100	1/5	42
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System 55 / Gira E22, start-up rocker

Start-up rocker	5331 00	1/5	42
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+ Optional accessories**Rocker sets**

Rocker set 1-g in.sp. 2131 ..	→	437
Rocker set 1-g 2181 ..	→	439
Rocker set 1-g inscr. 2201 ..	→	441

Mounting

Mount.pl.set 5339 00	→	566
Supp. ring plastic 5338 00	→	565

Specifications	Order No.	P. unit	PS
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Features

- Simple extension of existing switch combinations.
- The installation can be carried out without a surface-mounted housing or device box.
- The wireless wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the mounting plate.
- Transmission of switching, dimming, blind adjustment, and scene commands.
- Switchover function, optimised for the control of momentary-contact actuators.
- Rocker can be set as channel or scene function.
- Two-colour LEDs on the right and left of the buttons for signalling.
- Battery-operated device.

Can be set with eNet server:

- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- Signalling of the transmission status deactivatable.
- Operation locks.
- All-On or All-Off scenes, threshold value scenes, and individual scenes can be configured.
- Configuration of scene button via eNet SMART HOME app (if-then rules) to trigger actions, scenes, or timers.
- Device software update.
- Localisation of the device.

Technical data

Rated voltage:	DC 3 V
Batteries:	1 x CR 2450N
Range (free field):	approx. 100 m

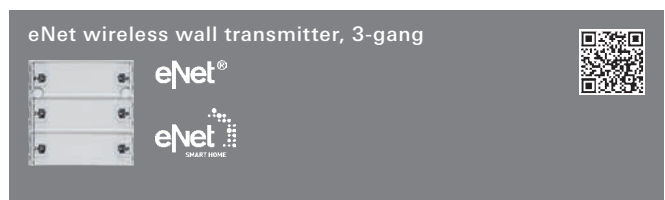
Notes

- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.
- The wireless wall transmitter is supplied with a program-neutral start-up rocker. The suitable rocker set for the design line must be ordered separately.
- The range can be reduced when using metal rocker sets and/or metal cover frames.

Scope of supply

- Batteries are included in the scope of supply.

Specifications Order No. P. unit PS



System 55, rockers with inscription space clear + pure white glossy	5333 00	1/5	42
System 55 / Gira E22, start-up rockers Start-up rocker	5333 00	1/5	42

+ Optional accessories

Rocker sets

Rocker set 3-g in.sp. 2133 ..	→	438
Rocker set 3-g 2183 ..	→	440
Rocker set 3-g inscr. 2203 ..	→	441

Mounting

Mount.pl.set 5339 00	→	566
Supp. ring plastic 5338 00	→	565

Features

- Simple extension of existing switch combinations.
- The installation can be carried out without a surface-mounted housing or device box.
- The wireless wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the mounting plate.
- Transmission of switching, dimming, blind adjustment, and scene commands.
- Switchover function, optimised for the control of momentary-contact actuators.
- Rocker can be set as channel or scene function.
- Two-colour LEDs on the right and left of the buttons for signalling.
- Battery-operated device.

Can be set with eNet server:

- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- Signalling of the transmission status deactivatable.
- Operation locks.
- All-On or All-Off scenes, threshold value scenes, and individual scenes can be configured.
- Configuration of scene button via eNet SMART HOME app (if-then rules) to trigger actions, scenes, or timers.
- Device software update.
- Localisation of the device.

Technical data

Rated voltage:	DC 3 V
Batteries:	1 x CR 2450N
Range (free field):	approx. 100 m

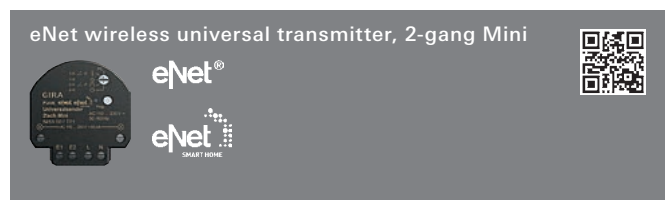
Notes

- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.
- The wireless wall transmitter is supplied with a program-neutral start-up rocker. The suitable rocker set for the design line must be ordered separately.
- The range can be reduced when using metal rocker sets and/or metal cover frames.

Scope of supply

- Batteries are included in the scope of supply.

Specifications Order No. P. unit PS



5453 00	1/5	42
+ Optional accessories		
Rocker btn NO con. s.sig. 0152 00	→	225
Install.adapter mini hous. 5429 00	→	565

Features

- The eNet wireless universal transmitter enables the transmission of switching, dimming or blind commands to suitable eNet wireless receivers.
- Installation in device box, surface-mounted housing, or in an installation adapter.
- Detection of voltage levels and changes at input.
- Connection of an external status LED.
- Indication of transmission status.
- Operating modes: 1-gang switching/dimming/blind, 1-gang automatic function, 2-gang switching/dimming/push-button operation, 2-gang automatic function.

Can be set with eNet server:

- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- 2-gang blind.
- Operation locks.
- Establishing connections, enabled or disabled.
- Status for forced setting.
- All-On or All-Off scenes, threshold value scenes, and individual scenes can be configured.
- Configuration of scene button via eNet SMART HOME app (if-then rules) to trigger actions, scenes, or timers.
- Repeater function.
- Device software update.
- Localisation of the device.

Technical data

Rated voltage:	AC 110 V to 230 V, 50/60 Hz
Standby:	0.5 W
Inputs	
- Cable length:	max. 100 m
- Input current:	2 mA
- Signal duration:	min. 200 ms
Output status LED	
- Rated voltage:	AC 110 V to 230 V
- Output current:	40 mA
Dimensions in mm	Ø 53 H 23

Notes

- Wireless approval is valid for EU and EFTA countries.

More information

Technical information → [i 667](#)

Specifications	Order No.	P. unit	PS
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Gira G1

The Gira G1 is a multi-functional room operating device for visualising and operating a variety of building functions. For use in the KNX system and Gira door communication system, or as client. The respective range of functions depends on the firmware used.

When used as a client, the KNX room operating device features are not available. **For details on the exact scope of functions, please refer to the Gira online catalogue and the device's technical documentation.**

Features

- Operation is via a gesture-capable multi-touch display.
- Connection and communication are via LAN or WLAN, depending on the variant.
- Integrated speaker.
- Integrated microphone with echo compensation.

Potential applications and combinations

- As a multi-functional room operating device, the Gira G1 offers the following functions and function combinations:
- KNX room operating device
- Home station video
- Integrates Internet services or as client for the following systems/ servers – HomeServer – eNet – X1 – Alarm Connect security system

Properties as a KNX room operating device

- Intuitive user interface that can be adapted by the end user.
- Switching and dimming (relative and absolute), dimming (incl. Dimming RGB, RGBW, and Tunable White), blind and roller shutter control, value transmitter, and scene auxiliary unit.
- Status display, display of date and time, display of indoor and outdoor temperature.
- Up to 150 functions (six function folders or rooms with up to 25 functions each).
- Up to 125 seven-day timer with 10 switching times each.
- Room temperature controller in combination with the temperature sensor module (available as an optional extra), or KNX devices for room temperature measurement, e.g. touch sensor 3 Komfort.
- Operating modes: Comfort, standby, night, and frost or heat protection with their own temperature setpoint values (for heating and/or cooling).
- Operating modes can be adapted individually.
- A heating clock as seven-day timer with 28 switching times.
- Room temperature controller auxiliary unit for controlling air conditioning systems (fan coil) in conjunction with a KNX gateway for air conditioning systems.

Properties as video home station

- Camera changeover: specific selection of connected colour cameras.
- Control of the door opener.
- Switching the ringtone on and off.
- Ring tone can be selected from a choice of 10 melodies.
- Internal calls.

Integration of Internet services

- Gira weather service: display of the weather forecast for up to five cities (internet connection required).

Gira G1 can also be used as a client for the following systems/ servers (requires firmware update):

- HomeServer Client
- eNet Client
- X1 Client

Specifications	Order No.	P. unit	PS
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Technical data

Power consumption			
- Maximum:	7 W		
- Typical:	4 W		
- Minimum:	2 W		
Display			
- Type:	TFT		
- Size:	15.3 cm (6")		
- Number of colours:	16.7 M		
- Resolution:	480 x 800 px (WVGA), 155 ppi		
- Brightness:	350 cd/m ²		
- Contrast ratio:	1:500		
- Viewing angle:	> 80° all around		
Proximity sensor			
- Range:	max. 50 cm		
- Detection range:	30° horizontal, 30° vertical		
KNX medium:	KNXnet/IP		
KNX standards			
- DPTs value transmitter:	5.010, 6.010, 5.001, 5.004, 7.001, 8.001, 9.xxx, 12.001, 13.001, 14.xxx		
Protection type:	IP21		
Ambient temperature:	0 °C to +45 °C		
Dimensions in mm			
- Gira G1 (incl. flush-mounted power supply unit):	W 97	H 168	D 47
- Gira G1 (without flush-mounted power supply unit):	W 97	H 168	D 15
- Mounting height:	W -	H 1500	D -

Notes

- Suitable for indoor use only.
- Recommended mounting height: 150 cm above floor.
- Installation is performed on a deep device box (an electronics box is recommended for a LAN connection).
- Communication with the KNX installation is exclusively via the KNXnet/IP standard.
- A KNX IP router must be used to connect the Gira G1 PoE to the KNX installation. Several Gira G1 units can be operated on one KNX IP router.
- In order to ensure reliable communication via WLAN, a Gira KNX IP router (firmware version 3 and later) is required to connect the Gira G1 230 V or G1 24 V to the KNX installation. For this purpose the Gira KNX IP router (firmware version 3 and later) is specially equipped with the additional function "Reliable data communication". Several Gira G1 units can be operated on one Gira KNX IP router (firmware version 3 and later).
- Hardware from index status I08 prepared for KNX Secure (additional firmware update required).
- Commissioning in the KNX system from ETS 5.5 or higher.
- Can be used as a home station in connection with the DCS-IP gateway.
- When planning the system, please observe the technical information on network planning in the device documentation.
- The Gira Project Assistant (GPA) is required for firmware updates. The GPA is available free of charge in the Gira download area.
- Using the timers requires either an internet connection to a NTP time server or a KNX clock (e.g. Gira weather station Plus **2074 00**).
- When used as a Gira HomeServer client, the Gira G1's temperature sensor module is not supported.

Specifications Order No. P. unit PS

Gira G1 PoE




black glass	2069 05	1	36
white glass	2069 12	1	36

+ Necessary accessories

Server DRA **5301 00** → 549

Functional description → 463

Gira G1 230 V




black glass	2067 05	1	36
white glass	2067 12	1	36

+ Necessary accessories

Server DRA **5301 00** → 549

Functional description → 463

Gira G1 24 V




black glass	2077 05	1	36
white glass	2077 12	1	36

+ Necessary accessories

Server DRA **5301 00** → 549

Functional description → 463

Specifications Order No. P. unit PS

Operating top units

Features

Can be set with eNet server.

- Localisation of the device.
- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- Operation locks.
- Device software update.

Notes

- The range can be reduced when using a metal top unit and/or metal cover frames.
- Wireless approval is valid for EU and EFTA countries.

eNet wireless switching/dimming top unit, 1-gang





System 55

cream white glossy	5490 01	1/5	42
pure white glossy	5490 03	1/5	42
pure white matt	5490 27	1/5	42
anthracite	5490 28	1/5	42
colour aluminium	5490 26	1/5	42
N black matt	5490 005	1	42
stainless steel	5490 600	1/5	42
bronze	5490 603	1/5	42
brass	5490 604	1/5	42
chrome	5490 605	1/5	42
N Black matt. New product.			

D Discontinued item. Available until 12/2019.

Gira E22 aluminium

aluminium	5490 203	1/5	42
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+ Necessary accessories

One of the following articles:

Dimming inserts

S2000 uni.LED dimm.ins. (PB dim.)	2385 00	→	275
S2000 LV dimm.ins. 20 - 500 VA	0331 00	→	276
S2000 ctrl.unit ins.1 - 10 V	0860 00	→	276

Switching inserts

S2000 Tronic swit.ins.	0866 00	→	277
S2000 Triac swit.ins.	0854 00	→	277
S2000 relay ins.	0853 00	→	278
S2000 relay ins. zero-volt.	1148 00	→	278
S2000 HVAC relay ins.	0303 00	→	278

Features

- The eNet wireless switching/dimming top unit enables manual and radio-controlled operation of System 2000 switching and dimming inserts.
- Evaluation of auxiliary units.
- Scene operation.
- Status feedback to eNet wireless transmitter.
- Status display of the switching condition using LED.
- Switch-on brightness can be saved in combination with flush-mounted dimming insert.
- Can be set with eNet server.**
- Maximum/minimum brightness.
- Dimming speed.
- Delay time.
- Switch-on/off delay.
- Dimming ramp up/down.
- Switch-off pre-warning.
- Permanent-on, permanent-off.
- Hotel function.
- Light control.

Technical data

Ambient temperature:	-5 °C to +45 °C
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m

Specifications Order No. P. unit PS

Notes

- Operation is not possible on System 2000 auxiliary inserts.

D Discontinued item. Available until 12/2019.
Successor item: System 3000 universal LED dimming insert Komfort 5401 00

System 2000 universal LED dimming insert (pushbutton dimmer)

3 – 420 W/VA **2385 00** 1/5 02

Functional description → 275

D Discontinued item. Available until 12/2019.
Successor item: System 3000 universal LED dimming insert Standard 5400 00

System 2000 LV dimming insert (pushbutton dimmer)

20 – 500 VA **0331 00** 1/5 02

Functional description → 276

D Discontinued item. Available until 12/2019.

System 2000 control unit insert 1 – 10 V

0860 00 1/5 02

Functional description → 276

D Discontinued item. Available until 12/2019.
Successor item: System 3000 electronic switching insert 5405 00

System 2000 Tronic switching insert

50 – 420 W **0866 00** 1/5 02

Functional description → 277

Specifications Order No. P. unit PS

D Discontinued item. Available until 12/2019.
Successor item: System 3000 electronic switching insert 5405 00

System 2000 Triac switching insert

40 – 400 W/VA **0854 00** 1/5 02

Functional description → 277

D Discontinued item. Available until 12/2019.
Successor item: System 3000 relay switching insert 5403 00

System 2000 relay insert

0853 00 1/5 02

Functional description → 278

D Discontinued item. Available until 12/2019.

System 2000 zero-voltage relay insert

1148 00 1/5 02

Functional description → 278

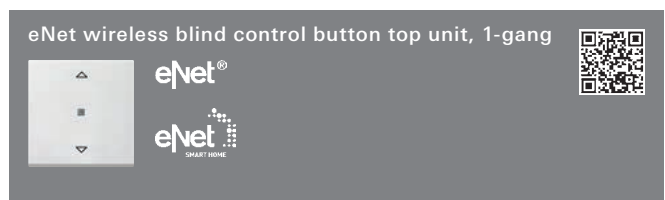
D Discontinued item. Available until 12/2019.

System 2000 HVAC relay insert

0303 00 1/100 02

Functional description → 278

Specifications	Order No.	P. unit	PS
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System 55	Order No.	P. unit	PS
cream white glossy	5491 01	1/5	42
pure white glossy	5491 03	1/5	42
pure white matt	5491 27	1/5	42
anthracite	5491 28	1/5	42
colour aluminium	5491 26	1/5	42
N black matt	5491 005	1	42
stainless steel	5491 600	1/5	42

D Discontinued item. Available until 12/2019.
Gira E22 aluminium
 aluminium 5491 203 1/5 42

+ Necessary accessories
 One of the following articles:
 Blind cont. 230 V w/o aux.input **0399 00** → 556
 Blind cont. 230 V + aux.input **0398 00** → 556

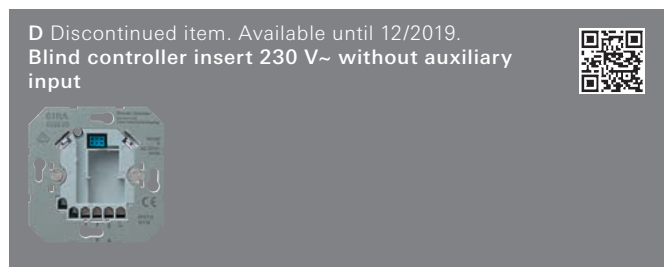
- Features**
- The eNet wireless blind control button enables manual or wireless-controlled operation of an insert for blind controller.
 - Brief press of a button (< 1 s): Generate a pulse corresponding to how long the button is pressed (e.g. for slat adjustment).
 - Long press of a button (> 1 s): Activates continuous operation (self-locking mode).
 - Electronic locking of the control button.
 - Positioning of blind and slat using scene call-up.
 - Threshold value scenes for sun protection, twilight and wind alarms.
 - Status feedback to eNet wireless transmitter.
- Can be set with eNet server.**
- Hanging run time.
 - Slat adjustment time.
 - Adjustment time when changing directions.
 - Lock-out protection.
 - Position for sun protection, twilight, lock-out protection, and wind alarms.

Technical data

Ambient temperature:	-5 °C to +45 °C
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m

Notes

- Wireless approval is valid for EU and EFTA countries.
- The blind control button top units are installed in device boxes in connection with the blind controller insert with auxiliary input. (Using a deep device box is recommended.)



0399 00	1/5	22
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+ Necessary accessories
 Gira eNet WL top blind ctrl.btn 1-g **5491 ..** → 556

- Features**
- Control of a blind or shutter motor with mechanical or electronic end-position switches.
 - Motor protection using mutually interlocked relay contacts with a minimum changeover time.

Specifications	Order No.	P. unit	PS
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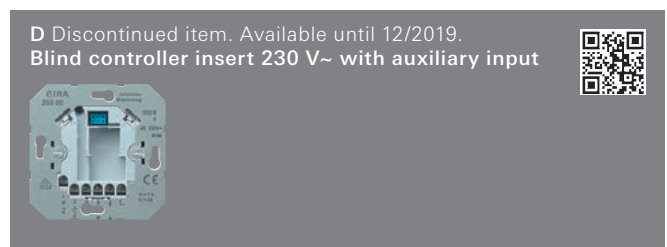
Technical data

Rated voltage:	AC 230 V, 50 Hz
Connection:	N conductor required
Connected load of motors:	max. 1000 VA
Relay	
- Number:	2
- Contact:	1 x zero-voltage NO contact each
Switchover time::	1 s
Length of the sensor cable:	max. 20 m
Installation depth:	33 mm.
Connections	
- maximum:	1 x 2.5 mm ²
- minimum:	1 x 1.5 mm ²
Ambient temperature:	0 °C to +55 °C

Notes

- N conductor required.
- Using a deep device box is recommended.

More information
 Technical information → i 654



0398 00	1/5	02
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+ Necessary accessories
 Gira eNet WL top blind ctrl.btn 1-g **5491 ..** → 556

- + Optional accessories**
- Auxiliary inserts**
- | | | |
|--|---|-----|
| Blind rocker sw. 0159 00 | → | 324 |
| Blind rocker btn 0158 00 | → | 324 |
| Blind btn/sw. group btn/sw. 1-p 0154 00 | → | 324 |
| Blind btn/sw. group btn/sw. 2-p 0157 00 | → | 324 |
| Key btn 1-p 0163 00 | → | 228 |
| Key sw. 2-p 0144 00 | → | 325 |
- Water-protected surface-mounted IP44 auxiliary units**
- | | | |
|---|---|-----|
| Blind sw./btn 1-p in.sp. 0154 30 | → | 200 |
| Key btn 1-p 0163 30 | → | 200 |
| Key sw. 2-p 0144 30 | → | 200 |

- Features**
- Control of a blind or shutter motor with mechanical or electronic end-position switches.
 - Mechanical buttons or additional blind controller inserts which can be connected via 230 V auxiliary inputs for establishing group controls.
 - "Wind alarm function" can be realised using auxiliary inputs.
 - Motor protection using mutually interlocked relay contacts with a minimum changeover time.

Technical data

Rated voltage:	AC 230 V, 50 Hz
Connection:	N conductor required
Connected load of motors:	max. 1000 VA
Switchover time::	1 s
Length of the sensor cable:	max. 20 m
Installation depth:	33 mm.
Connections	
- maximum:	1 x 2.5 mm ²
- minimum:	1 x 1.5 mm ²
Ambient temperature:	0 °C to +55 °C

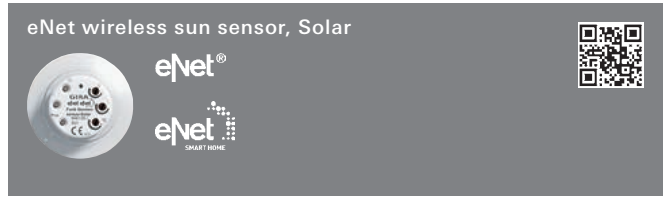
Notes

- N conductor required.
- Using a deep device box is recommended.

More information
 Technical information → i 654

Specifications Order No. P. unit PS

Sensors



pure white **5461 02** 1 42

Features

- eNet wireless sun sensor for control of eNet actuators depending on the brightness.
- Installation on a window pane in indoor areas.
- Triggers scenes when the sun protection and twilight value that has been set is exceeded or not reached.
- Temperature-dependent sun protection possible.
- Scene buttons for sun protection and twilight.
- Brightness measurement via brightness sensor.
- Sends brightness value to eNet server if the brightness changes by more than 50 %.
- Test mode for adjusting sun protection and temperature threshold.
- Solar-powered device.
- Integrated battery as energy storage device.

Can be set with eNet server:

- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- Operation locks.
- Behaviour of actuators when a scene is cancelled.
- Device software update.
- Use brightness value as 'then' condition in if-then rules to activate actions, scenes, and timers.

Technical data

Brightness:	4000 to 80000 lx
Twilight:	5 to 250 lx
Temperature setting:	+15 °C to +40 °C
Ambient temperature:	-5 °C to +45 °C
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m
Dimensions in mm	Ø 75 H 30

Notes

- Wireless approval is valid for EU and EFTA countries.

Specifications Order No. P. unit PS

Energy Sensors

Features

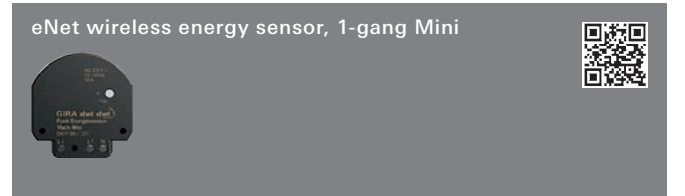
- The eNet wireless energy sensors enable the wireless transmission of voltage, electricity, and energy values to the eNet server.
- Operation with an eNet server.
- Logging electricity and voltage of the connected device.
- Calculation of effective output, reactive power, apparent power, and active electrical energy.
- Event-controlled or time-controlled transmission of measurement value telegrams to the eNet server.
- Time synchronisation with the eNet server.
- Display of energy values possible via the eNet SMART HOME app.
- Use of energy values as a trigger for IF/THEN rules in the eNet Smart Home app.

Can be set with eNet server:

- Localisation of the device.
- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- Use power consumption as the 'IF' condition in IF/THEN rules to activate actions, scenes, and timers.
- Device software update.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Ambient temperature:	-5 °C to +45 °C
Measurement range	
- Electricity:	0 mA to 16 A
- Voltage:	207 to 250 V
Transmitted values	
- Effective output:	-4000 to 4000 W
- Apparent power:	0 to 4000 VA
- Reactive power:	-4000 to 4000 var
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m



5471 00 1/5 42

+ Necessary accessories

Server DRA **5301 00** → 549

+ Optional accessories

Install.adapter mini hous. **5429 00** → 565

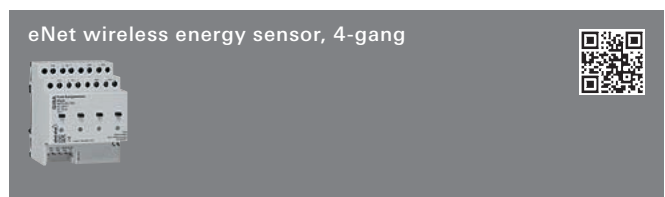
Technical data

Rated load current:	16 A
Connections:	max. 4 mm ²
Dimensions in mm	Ø 53 H 23

Notes

- Installation in device box, surface-mounted housing, or in an installation adapter.

Specifications Order No. P. unit PS



DRA 5473 00 1 42

+ Necessary accessories

Server DRA 5301 00 → 549

Technical data

Rated load current: 16 A
 Connections: max. 4 mm²
 Length of the data cable: Max. 3 m
 Dimensions
 - Modular widths (MW): 4

Notes

- An eNet server is required to operate this DIN-rail mounting device.

Specifications Order No. P. unit PS

Actuators

Features

Can be set with eNet server:

- Fully encrypted wireless transmission (AES CCM) from eNet Server software version 2.0.
- Operation locks.
- Device software update.



5423 00 1/5 42

Zero-voltage

5424 00 1/5 42

+ Optional accessories

Install.adapter mini hous. 5429 00 → 565

Features

- The eNet wireless switching/momentary-contact actuator enables switching of lighting.
- Operating modes: Switching actuator or momentary-contact actuator.
- Status feedback to eNet wireless transmitter.
- Scene operation.
- Operating mode buttons: Relay contact stays closed as long as telegrams are being received (max. 60 seconds).

Can be set with eNet server:

- Flashing function.
- Delay time.
- Switch-on/off delay.
- Switch-off pre-warning.
- Minimum switching repeat time.
- Permanent-on, permanent-off.
- Repeater function.
- Localisation of the device.

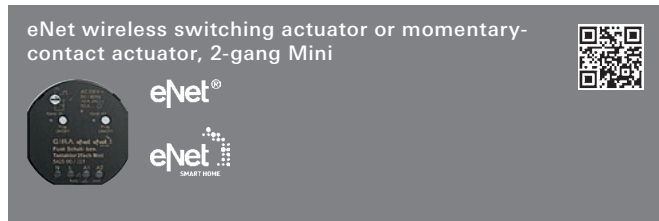
Technical data

Rated voltage: AC 230 V, 50/60 Hz
 Standby: max. 0.5 W
 Ambient temperature: -25 °C to +70 °C
 Switching capacity AC 230 V: 16 A / AC1
 Connected load
 - Light bulbs: 2300 W
 - HV halogen lamps: 2000 W
 - Wound transformer: 1000 VA
 - Gira Tronic transformer: 1500 W
 - Fluorescent lamps, uncompensated: 920 VA
 - LED lamps: typ. 500 W
 - Compact fluorescent lamp: typ. 500 W
 - Capacitive load: 690 VA (560 µF)
 Connections: max. 4 mm²
 Wireless frequency: 868.0 to 868.6 MHz
 Range (free field): approx. 100 m
 Dimensions in mm
 Ø 53 H 28

Notes

- Installation in device box, surface-mounted housing, or in an installation adapter.

Specifications	Order No.	P. unit	PS
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	5425 00	1/5	42
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+ Optional accessories

Install.adapter mini hous.	5429 00	→	565
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Features

- The eNet wireless switching or momentary-contact actuator enables switching of lighting and motors.
- Operating modes: Switching actuator or momentary-contact actuator together for both outputs.
- Status feedback to eNet wireless transmitter.
- Scene operation.
- Operating mode buttons: Relay contact stays closed as long as telegrams are being received (max. 60 seconds).

Can be set with eNet server:

- Flashing function.
- Delay time.
- Switch-on/off delay.
- Switch-off pre-warning.
- Minimum switching repeat time.
- Permanent-on, permanent-off.
- Repeater function.
- Localisation of the device.

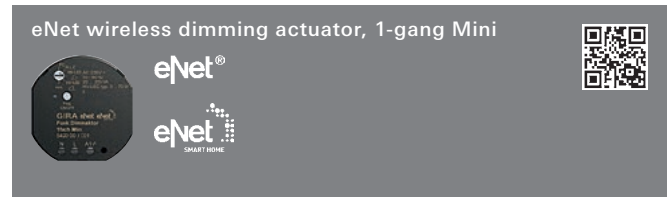
Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.5 W
Ambient temperature:	-25 °C to +70 °C
Switching capacity AC 230 V:	16 A / AC1
Connected load	
- Light bulbs:	2300 W
- HV halogen lamps:	2000 W
- Wound transformer:	1000 VA
- Gira Tronic transformer:	1500 W
- Fluorescent lamps, uncompensated:	920 VA
- LED lamps:	typ. 500 W
- Compact fluorescent lamp:	typ. 500 W
- Motors:	450 W
- Capacitive load:	690 VA (560 µF)
Connections:	max. 4 mm ²
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m
Dimensions in mm	Ø 53 H 28

Notes

- Installation in device box, surface-mounted housing, or in an installation adapter.

Specifications	Order No.	P. unit	PS
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	5420 00	1/5	42
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+ Optional accessories

Install.adapter mini hous.	5429 00	→	565
S3000 uni.LED pow.booster DRA	2383 00	→	256

Tronic transformers

Features

- The eNet wireless dimming actuator enables switching and dimming of various electrical loads.
- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Bulb-saving switch-on.
- Switch-on and minimum brightness can be saved for each output.
- Scene operation.
- Status display with LED.
- Status feedback to eNet wireless sensors.
- Short-circuit and excess-temperature protection.
- Automatic or manual setting of dimming process.

Can be set with eNet server:

- Maximum brightness.
- Dimming process.
- Dimming speed.
- Delay time.
- Switch-on/off delay.
- Dimming ramp up/down.
- Switch-off pre-warning.
- Permanent-on, permanent-off.
- Hotel function.
- Light control.
- Repeater function.
- Localisation of the device.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Power loss:	max. 1.5 W
Standby:	max. 0.5 W
Ambient temperature:	-25 °C to +70 °C
Connected load	
- Light bulbs:	20 to 250 W
- HV halogen lamps:	20 to 250 W
- Wound transformer:	20 to 250 VA
- Wound transformer with NV-LED:	20 to 100 VA
- Gira Tronic transformer:	20 to 250 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- LED lamps:	typ. 3 to 70 W
- Compact fluorescent lamp:	typ. 3 to 70 W
Connections:	max. 4 mm ²
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m
Dimensions in mm	Ø 53 H 28

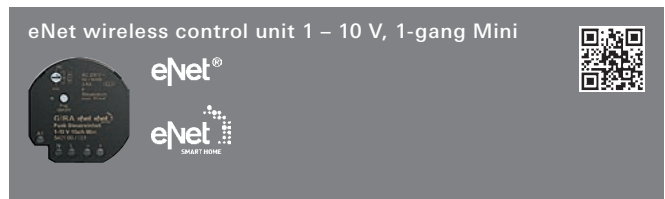
Notes

- Installation in device box, surface-mounted housing, or in an installation adapter.

More information

Technical information	→	i 669
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Specifications Order No. P. unit PS



5421 00 1/5 42

+ Optional accessories
Install.adapter mini hous. **5429 00** → 565

Features

- The eNet wireless control unit enables the switching and brightness setting of lights with 1 - 10 V interface.
- Switch-on and minimum brightness can be saved.
- Scene operation.
- Status display of the 1 - 10 V devices via LED.
- Status feedback to eNet wireless transmitter.

Can be set with eNet server:

- Maximum brightness.
- Dimming speed.
- Delay time.
- Switch-on/off delay.
- Dimming ramp up/down.
- Switch-off pre-warning.
- Permanent-on, permanent-off.
- Hotel function.
- Light control.
- Repeater function.
- Localisation of the device.

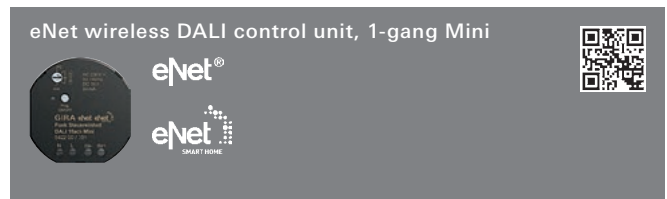
Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.5 W
Ambient temperature:	-25 °C to +70 °C
Control current:	max. 50 mA
Switching current	
- Ohmic load:	6 A
- Fluorescent lamps:	3 AX
Connected load	
- Ohmic load:	1380 W
- Capacitive load:	690 VA (560 µF)
Connections:	max. 4 mm ²
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m
Dimensions in mm	
	Ø 53 H 28

Notes

- Installation in device box, surface-mounted housing, or in an installation adapter.

Specifications Order No. P. unit PS



5422 00 1/5 42

+ Optional accessories
Install.adapter mini hous. **5429 00** → 565

Features

- The eNet wireless DALI control unit enables the switching and brightness setting of DALI lights.
- Joint operation of all connected DALI control equipment, broadcast.
- DALI supply for a maximum of twelve devices.
- Parallel switching of up to six DALI wireless control units Mini to supply power to up to 72 devices.
- Switch-on and minimum brightness can be saved.
- Scene operation.
- Status feedback to eNet wireless transmitter.
- Short-circuit and excess-temperature protection.

Can be set with eNet server:

- Maximum brightness.
- Dimming speed.
- Delay time.
- Switch-on/off delay.
- Dimming ramp up/down.
- Switch-off pre-warning.
- Permanent-on, permanent-off.
- Hotel function.
- Light control.
- Repeater function.
- Localisation of the device.

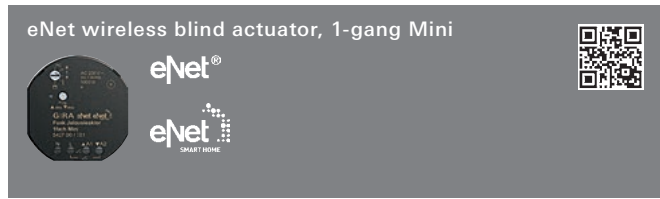
Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 2 W
Ambient temperature:	-25 °C to +70 °C
DALI rated voltage:	DC 16 V
Output current:	max. 24 mA
Connections:	max. 4 mm ²
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m
Dimensions in mm	
	Ø 53 H 28

Notes

- Installation in device box, surface-mounted housing, or in an installation adapter.

Specifications Order No. P. unit PS



5427 00 1/5 42

+ Optional accessories
Install.adapter mini hous. 5429 00 → 565

Features

- The eNet wireless blind actuator enables the control of electrically operated hangings, such as blinds, shutters or awnings.
- Positioning of blind and slat using scene call-up.
- Positions for sun protection and twilight can be saved.
- Status feedback to eNet wireless transmitter.
- Hanging period can be saved.
- Slat adjustment time can be saved.

Can be set with eNet server:

- Adjustment time when changing directions.
- Motion direction can be inverted (e.g. for roof windows).
- Position for sun protection, twilight, lock-out protection, and wind alarms.
- Behaviour after mains power failure.
- Repeater function.
- Localisation of the device.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.5 W
Ambient temperature:	-25 °C to +70 °C
Connected load of motors:	1000 W
Connections:	max. 4 mm ²
Wireless frequency:	868.0 to 868.6 MHz
Range (free field):	approx. 100 m
Dimensions in mm	Ø 53 H 28

Notes

- Installation in device box, surface-mounted housing, or in an installation adapter.

Specifications Order No. P. unit PS



DRA 5433 00 1 42

+ Necessary accessories
One of the following articles:
Server DRA 5301 00 → 549
WL receiver mod. DRA 5452 00 → 549

Features

- The eNet wireless switching or wireless momentary-contact actuator receives telegrams for switching lighting from the eNet wireless reception module or eNet server via a data cable.
- Operating modes: Switching actuator or momentary-contact actuator.
- Status feedback to eNet wireless transmitter.
- Scene operation.
- Operating mode buttons: Relay contact stays closed as long as telegrams are being received (max. 60 seconds).

Can be set with eNet server:

- Flashing function.
- Delay time.
- Switch-on/off delay.
- Switch-off pre-warning.
- Minimum switching repeat time.
- Permanent-on, permanent-off.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.2 W
Ambient temperature:	-5 °C to +45 °C
Switching capacity AC 230 V:	16 A / AC1
Connected load	
- Light bulbs:	2300 W
- HV halogen lamps:	2000 W
- Wound transformer:	1000 VA
- Gira Tronic transformer:	1500 W
- Fluorescent lamps, uncompensated:	920 VA
- LED lamps:	typ. 500 W
- Compact fluorescent lamp:	typ. 500 W
- Capacitive load:	690 VA (560 µF)
Connections:	max. 4 mm ²
Length of the data cable:	Max. 3 m
Dimensions	
- Modular widths (MW):	2

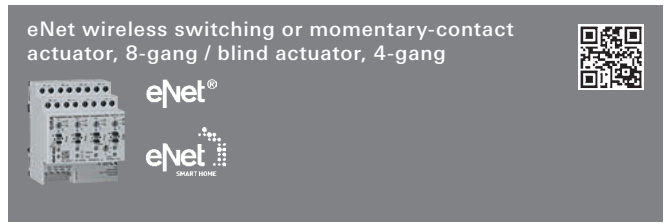
Notes

- An eNet wireless reception module or an eNet server is required to operate this DIN-rail mounting device.

More information

Technical information → ⓘ 672

Specifications Order No. P. unit PS



DRA 5435 00 1 42

+ Necessary accessories

One of the following articles:
 Server DRA **5301 00** → 549
 WL receiver mod. DRA **5452 00** → 549

Features

- The eNet wireless switching, wireless momentary-contact, or blind actuator receives telegrams for switching lighting or controlling electrically-operated hangings from the eNet wireless reception module or eNet server via a data cable.
- Two outputs are each operated in the same mode (switching, dimming, blind or shutter).
- Switching of lighting or single-phase fan motors.
- Control of electrically operated hangings, such as blinds, shutters, or awnings
- Operating modes: switching actuator, momentary-contact actuator can be set for a single output; a blind actuator, shutter actuator can be set for a pair of outputs.
- Status feedback to eNet wireless transmitter.
- Scene operation.
- Operating mode buttons: Relay contact stays closed as long as telegrams are being received (max. 60 seconds).
- Positioning of blind and slat using scene call-up.
- Positions for sun protection and twilight can be saved.
- Threshold value scenes for sun protection, twilight and wind alarms.
- Hanging period can be saved.
- Slat adjustment time can be saved.

Can be set with eNet server:

- Flashing function.
- Delay time.
- Switch-on/off delay.
- Switch-off pre-warning.
- Minimum switching repeat time.
- Permanent-on, permanent-off.
- Adjustment time when changing directions.
- Motion direction can be inverted (e.g. for roof windows).
- Position for sun protection, twilight, lock-out protection, and wind alarms.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.5 W
Ambient temperature:	-5 °C to +45 °C
Switching capacity AC 230 V:	16 A / AC1
Connected load	
- Light bulbs:	2300 W
- HV halogen lamps:	2000 W
- Wound transformer:	1000 VA
- Gira Tronic transformer:	1500 W
- Fluorescent lamps, uncompensated:	920 VA
- LED lamps:	typ. 500 W
- Compact fluorescent lamp:	typ. 500 W
- Motors:	1000 W
- Capacitive load:	690 VA (560 µF)
Connections:	max. 4 mm ²
Length of the data cable:	Max. 3 m
Dimensions	
- Modular widths (MW):	4

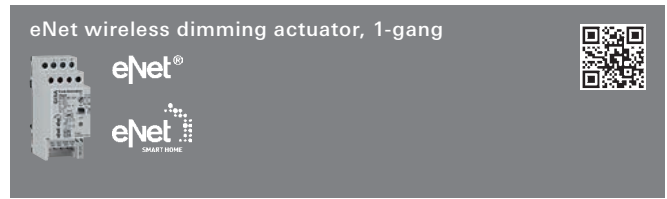
Notes

- An eNet wireless reception module or an eNet server is required to operate this DIN-rail mounting device.

More information

Technical information → [i 674](#)

Specifications Order No. P. unit PS



20 – 500 W/VA
 DRA 5430 00 1 42

+ Necessary accessories

One of the following articles:
 Server DRA **5301 00** → 549
 WL receiver mod. DRA **5452 00** → 549

+ Optional accessories

S3000 uni.LED pow.booster DRA **2383 00** → 256

Tronic transformers

Features

- The eNet wireless dimming actuator receives telegrams for switching and dimming various electrical loads from the eNet wireless reception module or eNet server via a data cable.
- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Bulb-saving switch-on.
- Switch-on and minimum brightness can be saved.
- Scene operation.
- Status display with LED.
- Status feedback to eNet wireless sensors.
- Short-circuit and excess-temperature protection.
- Automatic or manual setting of dimming process.

Can be set with eNet server:

- Maximum brightness.
- Dimming process.
- Dimming speed.
- Delay time.
- Switch-on/off delay.
- Dimming ramp up/down.
- Switch-off pre-warning.
- Permanent-on, permanent-off.
- Hotel function.
- Light control.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Power loss:	max. 4 W
Standby:	max. 0.3 W
Ambient temperature:	-5 °C to +45 °C
Connected load	
- Light bulbs:	20 to 500 W
- HV halogen lamps:	20 to 500 W
- Wound transformer:	20 to 500 VA
- Wound transformer with NV-LED:	20 to 100 VA
- Gira Tronic transformer:	20 to 500 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- LED lamps:	typ. 3 to 100 W
- Compact fluorescent lamp:	typ. 3 to 100 W
Connections:	max. 4 mm ²
Length of the data cable:	Max. 3 m
Dimensions	
- Modular widths (MW):	2

Notes

- An eNet wireless reception module or an eNet server is required to operate this DIN-rail mounting device.

More information

Technical information → [i 673](#)

Specifications	Order No.	P. unit	PS
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4 x 250 W/VA DRA	5431 00	1	42
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+ Necessary accessories

One of the following articles:

Server DRA 5301 00	→	549
WL receiver mod. DRA 5452 00	→	549

+ Optional accessories

S3000 uni.LED pow.booster DRA 2383 00	→	256
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Tronic transformers**Features**

- The eNet wireless dimming actuator receives telegrams for switching and dimming various electrical loads from the eNet wireless reception module or eNet server via a data cable.
- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Bulb-saving switch-on.
- Switch-on and minimum brightness can be saved for each output.
- Scene operation.
- Status display of the outputs with LED.
- Status feedback to eNet wireless sensors.
- Parallel switching of several outputs to a load of 950 W possible.
- Short-circuit and excess-temperature protection.
- Automatic or manual setting of dimming process.

Can be set with eNet server:

- Maximum brightness.
- Dimming process.
- Dimming speed.
- Delay time.
- Switch-on/off delay.
- Dimming ramp up/down.
- Switch-off pre-warning.
- Permanent-on, permanent-off.
- Hotel function.
- Light control.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Power loss:	max. 8 W
Standby per output:	max. 0.3 W
Ambient temperature:	-5 °C to +45 °C
Connected load per output	
- Light bulbs:	20 to 250 W
- HV halogen lamps:	20 to 250 W
- Wound transformer:	20 to 250 VA
- Wound transformer with NV-LED:	20 to 100 VA
- Gira Tronic transformer:	20 to 250 W
- electronic transformer with NV-LED:	typically 20 to 100 W
- LED lamps:	typ. 3 to 50 W
- Compact fluorescent lamp:	typ. 3 to 50 W
Parallel switched outputs at max. 95% utilization:	max. 950 W at AC 230 V, 50/60 Hz
Connections:	max. 4 mm ²
Length of the data cable:	Max. 3 m
Dimensions	
- Modular widths (MW):	8

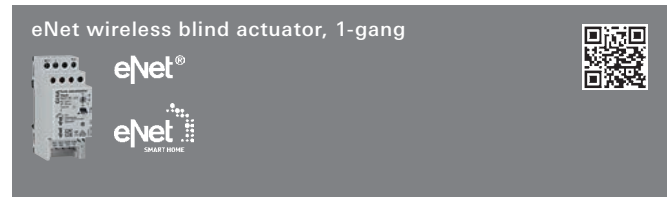
Notes

- An eNet wireless reception module or an eNet server is required to operate this DIN-rail mounting device.

More information

Technical information	→	673
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Specifications	Order No.	P. unit	PS
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DRA	5437 00	1	42
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+ Necessary accessories

One of the following articles:

Server DRA 5301 00	→	549
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Features

- The eNet wireless blind actuator receives telegrams for controlling electrically-operated hangings, e.g. blinds, shutters, or awnings, from the eNet wireless reception module or eNet server via a data cable.
 - Positioning of blind and slat using scene call-up.
 - Positions for sun protection and twilight can be saved.
 - Threshold value scenes for sun protection, twilight and wind alarms.
 - Status feedback to eNet wireless transmitter.
 - Hanging period can be saved.
 - Slat adjustment time can be saved.
- Can be set with eNet server:**
- Adjustment time when changing directions.
 - Motion direction can be inverted (e.g. for roof windows).
 - Position for sun protection, twilight, lock-out protection, and wind alarms.

Technical data

Rated voltage:	AC 230 V, 50/60 Hz
Standby:	max. 0.2 W
Ambient temperature:	-5 °C to +45 °C
Connected load of motors:	1000 W
Connections:	max. 4 mm ²
Dimensions	
- Modular widths (MW):	2

Notes

- An eNet wireless reception module or an eNet server is required to operate this DIN-rail mounting device.

Specifications Order No. P. unit PS

eNet alliance with Steinel

Features

- eNet spotlight and outdoor motion detector by **Steinel Professional** can easily be connected to the eNet system's sensors and actuators. This makes it easy to illuminate an outdoor area based on motion or ambient brightness.

Steinel sensIQ motion detector

- For optimum monitoring with 300° detection angle. Range is scalable in three directions up to 20 m each, thus ensuring that outdoor areas are illuminated as soon as there is any motion nearby. This prevents tripping – and deters burglars.

Steinel XLED PRO sensor spotlight

- The XLED PRO sensor spotlight uses an innovative lens matrix to illuminate business premises, access routes and pathways more uniformly and with greater precisions than ever before. Even at six metres mounting height, there's virtually no way for it to miss any motion.

Notes

- For details on ordering and using **Steinel Professional products**, visit www.steinell-professional.de.

- If you have any questions about using outdoor motion detectors or spotlights by **Steinel Professional**, please get in touch with Steinel Professional directly.

- **STEINEL Vertrieb GmbH**
 Dieselstraße 80-84
 33442 Herzebrock-Clarholz
 Germany

Phone: +49 (0) 5245/4 48-0
 Fax: +49 (0) 5245/4 48-197
info@steinell.de

Technical Customer Support
 +49 (0) 5245/4 48-188
objekte@steinell.de



Cross reference
 Gira eNet → 541

Specifications Order No. P. unit PS

eNet alliance with tado°

Features

- When used in conjunction with the smart heating control from **tado°**, you can control room temperature using the eNet SMART HOME app and visualise the actual temperature and humidity.

tado° smart thermostat

- The smart thermostat replaces wired room thermostats for underfloor heating or other heating systems and can be used as a pure wireless temperature sensor.

tado° smart radiator thermostat

- Use **tado°** single-room control for even more convenient heating – and save money doing so. The smart radiator thermostat's intuitive control and the new smart schedule in the app make controlling your heating easier yet.

tado° Internet bridge

- The **tado°** Internet bridge is the **tado°** system's radio switchboard. The device connects all **tado°** devices to the Internet. It hooks up to the router using an Ethernet cable.

Notes

- For details on ordering and using **tado° products**, visit www.tado.com/fachpartner.

- If you have any questions about using smart heating control by **tado°**, please get in touch with **tado°** directly.

- **tado GmbH**
 Sapporobogen 6-8
 80637 Munich
 Germany

Phone: +49 (0) 89/41 20 93 23
installation@tado.com

www.tado.com/fachpartner
fachpartner@tado.com





Cross reference
 Gira eNet → 541

Specifications Order No. P. unit PS

Accessories

eNet wireless diagnostic device

5304 00 1 42

- Features**
- Display of the signal quality of selected eNet devices and status messages using LEDs.
 - Display of wireless signals from non-eNet wireless transmitters.
 - Switching the repeater function of mains operated actuators, transmitters, and energy sensors on or off.

Technical data



Rated voltage: DC 3 V
 Batteries: 1 x CR 2450N
 Ambient temperature: -5 °C to +45 °C
 Wireless frequency: 868.0 to 868.6 MHz
 Range (free field): approx. 100 m

- Notes**
- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.
 - Diagnosis is only possible if wireless encryption (AES CCM 128) is inactive. Wireless encryption is activated or deactivated via the eNet server Version 2.0.

Scope of supply

- Batteries are included in the scope of supply.

Installation adapter mini housing



5429 00 1 42

- + Necessary accessories**
 One of the following articles:
- WL uni.transm. 2-g Mini **5453 00** → 552
 - WL swit./m-c act. 1-g Mini **5423 00** → 558
 - WL swit./m-c act. 1-g Mini zero-volt. **5424 00** → 558
 - WL swit./m-c act. 2-g Mini **5425 00** → 559
 - WL dimm.act. 1-g Mini 20 - 250 VA **5420 00** → 559
 - WL ctrl.unit 1 - 10 V 1-g Mini **5421 00** → 560
 - WL ctrl.unit DALI 1-g Mini **5422 00** → 560
 - WL blind act. 1-g Mini **5427 00** → 561

- Features**
- Surface-mounted housing for the eNet mini actuators and transmitters.
 - For installation in intermediate ceilings, on the wall, or on top-hat rails.

Specifications Order No. P. unit PS

Additional wireless antenna

5307 00 1 42

- + Necessary accessories**
 One of the following articles:
- Server DRA **5301 00** → 549
 - WL receiver mod. DRA **5452 00** → 549



- Features**
- External antenna for the eNet DRA wireless receiver module and eNet server DRA in unfavourable installation conditions (e.g. metal distribution cabinet or sub-distribution).

Technical data

Cable length: 1.5 m

- Notes**
- The additional antenna is to be placed outside the metal housing, e.g. with a distribution box or sub-distribution.
 - The additional antenna's supply cable can be extended by GPS antenna extension cable (SMB jack/SMB plug).

Additional WLAN antenna

5308 00 1 42



- + Necessary accessories**
- Server DRA **5301 00** → 549

- Features**
- External antenna for the eNet server in unfavourable installation conditions (e.g. metal distribution cabinet or sub-distribution).

Technical data

Cable length: 1.5 m

Support ring, plastic

5338 00 1/5 06

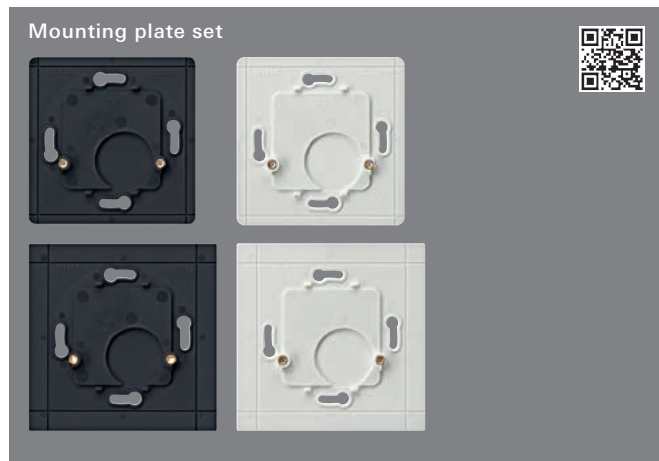
- + Optional accessories**
- Gira eNet WL wall transm. 1-g in.sp. **5331 ..** → 551
 - Gira eNet WL wall transm. 3-g in.sp. **5333 ..** → 552
 - RF PB sens. 1-g **5101 00** → 457
 - RF PB sens. 3-g **5103 00** → 457

- Features**
- For attaching eNet wireless wall transmitters, KNX RF pushbutton sensors and ZigBee Light Link wireless wall transmitters to device boxes.

Scope of supply

- Including mounting screws.

Specifications	Order No.	P. unit	PS
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**System 55**

Four plates	5339 00	1	42
-------------	---------	---	----

+ Necessary accessories

One of the following articles:

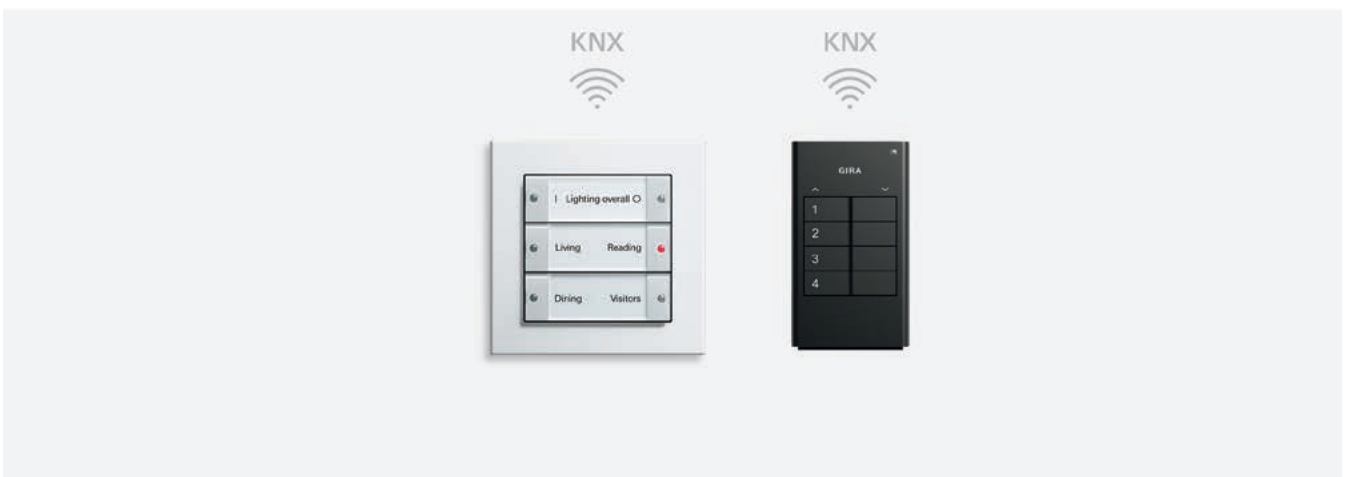
Gira eNet WL wall transm. 1-g in.sp. 5331 ..	→	551
Gira eNet WL wall transm. 3-g in.sp. 5333 ..	→	552
RF PB sens. 1-g 5101 00	→	457
RF PB sens. 3-g 5103 00	→	457

Features

- Mounting plate set for cover frame for System 55 and Gira E22.
- The mounting plates serve as adapter plates for attaching the wireless wall transmitters to smooth or transparent surfaces, e.g. glass panes.
- The mounting plate allows for a clean-looking closure on the back of the surface.
- Can be broken off, and thus also suitable for multiple combinations or for mounting on device boxes.

Other wireless systems

ZigBee® Light Link	570
KNX RF	571
Accessories	571



Other wireless systems

Other wireless systems

More comfort, security and energy savings without new or additional cables or intrusive damage to the building. No dirt or noise: all this is made possible with modern wireless systems for home technology. Apart from Gira eNet, Gira offers products for other wireless systems that each focus on different applications, ranging from the extension of a conventional system with individual wireless switches or the integration of wireless lighting control with ZigBee®, to the seamless extension of KNX systems with KNX RF wireless technology.



ZigBee®

Smart lighting systems based on the ZigBee® Light Link, such as Philips Hue, are popular for retrofitting among end users. The Gira ZigBee® Light Link controls seamlessly integrate such systems into the Gira design lines – even without manufacturer-specific bridges and gateways.



Gira KNX RF

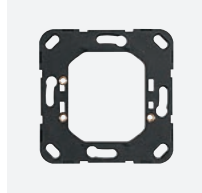
More operating convenience for building technology in buildings with a KNX system: with little time or effort, and above all without noise and dust, Gira KNX RF creates new options for controlling lights, blinds, scenes etc. wirelessly all over the building. Keypads can be freely positioned – on walls made of stone, concrete, wood or glass, or on furniture.



ZigBee® Light Link
→ 570

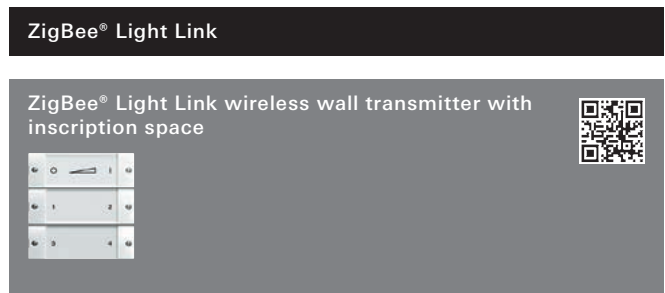


KNX RF
→ 571



Accessories
→ 571

Specifications Order No. P. unit PS



clear / pure white **2430 100** 1 03

+ Optional accessories

- Non-metal rocker set**
- Rocker set 3-g in.sp. **2133 ..** → 437
- Supp. ring plastic **5338 00** → 571
- Mount.pl.set **5339 00** → 571

Features

- ZigBee® wireless wall transmitter for transmission of switching, dimming and scene commands to ZigBee® Light Link-compliant devices, e.g. lamps, lighting and adapter plugs.
- Supports the adjustment of: brightness, colour temperature, light colour and colour saturation.
- Corresponds to the ZigBee® Light Link specification.
- Switching and dimming (1 channel) for a ZigBee® network.
- Store and recall up to four scenes.
- Status display with LED.
- Battery-operated device.
- Connects lights with Touch Link.
- Eliminates connections to lights.
- Resets lights (Factory New).
- Reset wall transmitter to factory settings.

Technical data

Rated voltage:	DC 3 V
Batteries:	1 x CR 2450N
Ambient temperature:	-5 °C to +45 °C
Wireless frequency:	2.4 to 2.483 GHz
Number of connections:	max. 10
Range (free field):	approx. 100 m

Notes

- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.

Scope of supply

- Batteries are included in the scope of supply.

Specifications Order No. P. unit PS



anthracite **2435 10** 1 03

Features

- ZigBee® wireless hand-held transmitter for transmission of switching, dimming and scene commands to ZigBee® Light Link-compliant devices, e.g. lamps, lighting and adapter plugs.
- Supports the adjustment of: brightness, colour temperature, light colour and colour saturation.
- Corresponds to the ZigBee® Light Link specification.
- Switching and dimming (1 channel) for a ZigBee® network.
- Store and recall up to six scenes.
- Status display with LED.
- Battery-operated device.
- Connects lights with Touch Link.
- Eliminates connections to lights.
- Resets lights (Factory New).
- Reset hand-held transmitter to factory settings.
- Service functions: Assume existing connections from another station and transfer them to another station.

Technical data

Rated voltage:	DC 3 V
Batteries:	1 x CR 2450N
Ambient temperature:	-5 °C to +45 °C
Wireless frequency:	2.4 to 2.483 GHz
Number of connections:	max. 10
Range (free field):	approx. 100 m

Notes

- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.

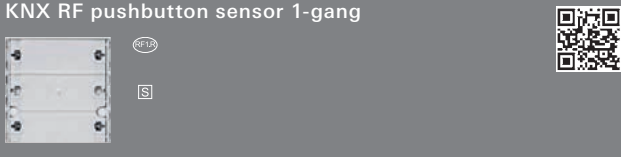
Scope of supply

- Batteries are included in the scope of supply.

Specifications Order No. P. unit PS

KNX RF


KNX RF pushbutton sensor 1-gang



System 55 / Gira E22
Start-up rocker **5101 00** 1/5 06

Functional description → 457


KNX RF pushbutton sensor 3-gang



System 55 / Gira E22
Start-up rocker **5103 00** 1/5 06

Functional description → 457


KNX RF hand-held transmitter, 2-gang



anthracite **5122 00** 1 06

Functional description → 457


KNX RF hand-held transmitter, 4-gang



anthracite **5124 00** 1 06

Functional description → 457


KNX RF data interface (USB stick)



USB stick **5120 00** 1 06

Functional description → 458

KNX RF/TP media coupler or RF repeater




DRA plus **5110 00** 1/5 06

Functional description → 458

Specifications Order No. P. unit PS

Accessories

Support ring, plastic



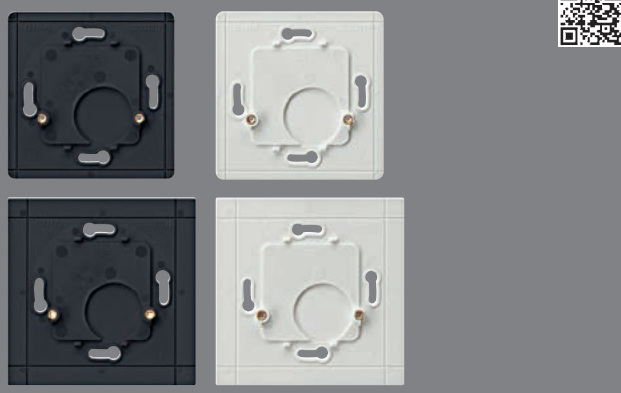
5338 00 1/5 06

+ Optional accessories
Gira eNet WL wall transm. 1-g in.sp. **5331 ..** → 551
Gira eNet WL wall transm. 3-g in.sp. **5333 ..** → 552
ZigBee® Light Link WL wall transm. in.sp. **2430 100** → 570
RF PB sens. 1-g **5101 00** → 457
RF PB sens. 3-g **5103 00** → 457

Features
- For attaching eNet wireless wall transmitters, KNX RF pushbutton sensors and ZigBee Light Link wireless wall transmitters to device boxes.

Scope of supply
- Including mounting screws.

Mounting plate set



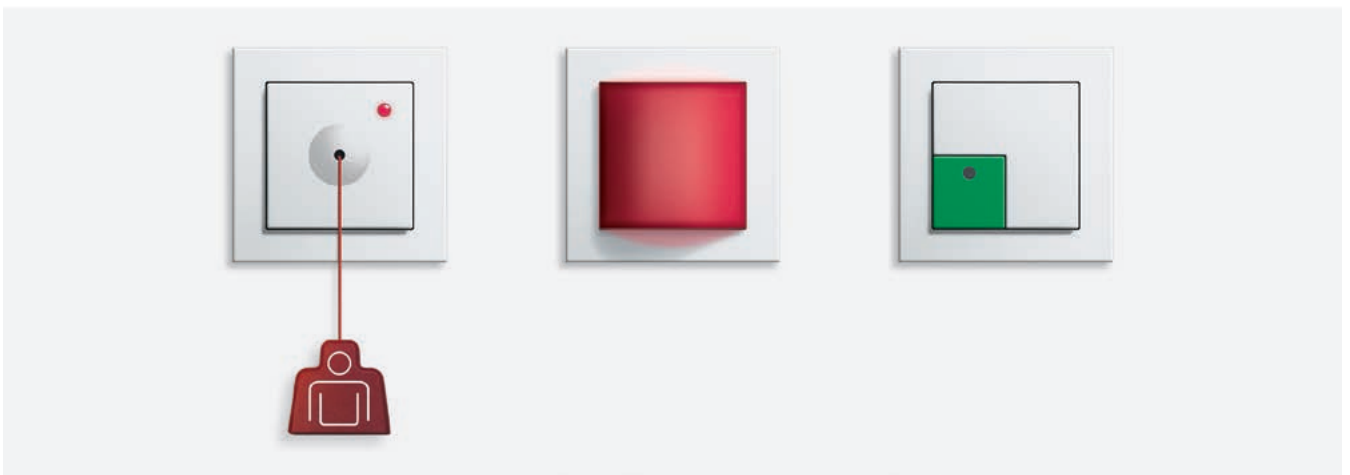
System 55
Four plates **5339 00** 1 42

+ Necessary accessories
One of the following articles:
Gira eNet WL wall transm. 1-g in.sp. **5331 ..** → 551
Gira eNet WL wall transm. 3-g in.sp. **5333 ..** → 552
ZigBee® Light Link WL wall transm. in.sp. **2430 100** → 570
RF PB sens. 1-g **5101 00** → 457
RF PB sens. 3-g **5103 00** → 457

Features
- Mounting plate set for cover frame for System 55 and Gira E22.
- The mounting plates serve as adapter plates for attaching the wireless wall transmitters to smooth or transparent surfaces, e.g. glass panes.
- The mounting plate allows for a clean-looking closure on the back of the surface.
- Can be broken off, and thus also suitable for multiple combinations or for mounting on device boxes.

Security and Emergency set

Gira Smoke Alarm Device	575
Gira Signallers and Sensors	583
Emergency set	589



More security and comfort

Peace of mind at night and while on holiday: Gira offers flexible and intelligent alarm systems with motion detectors, door or window contacts or smoke alarm devices that adapt to individual requirements and provide more security. The Gira emergency set improves safety in sanitary facilities in publicly accessible buildings or in private homes.



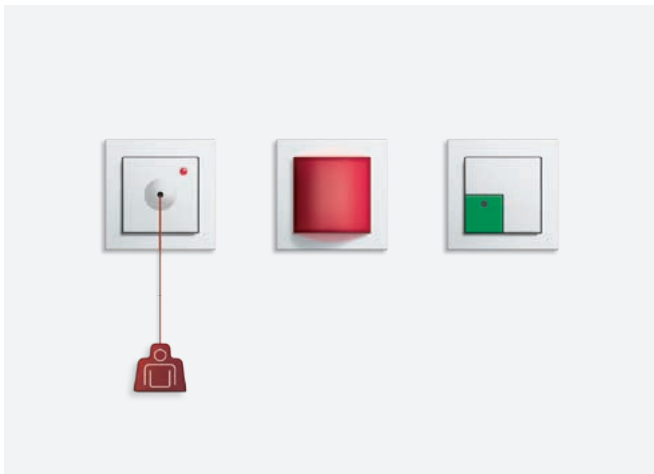
Smoke alarm devices

Gira smoke alarm devices can save lives, as they warn occupants before the smoke concentration becomes dangerous. The Gira Basic Q smoke alarm device can save lives as it immediately detects smoke emission and sounds an alarm. The Gira Dual Q smoke alarm device goes one step further – it features two detection methods, achieving twice the level of safety. The new generation of Gira smoke alarm devices carries the Q label and features improved product qualities.



Detectors and sensors

Detectors and sensors in the Gira product range increase safety and convenience in your home. They measure humidity, wind speed, brightness, temperature, motion or time and automatically apply important protective functions, adapted to the results they have determined.



Gira emergency set

The Gira emergency set is designed to conform to the requirements of the building regulations Document M requirements for sanitary facilities in public and private buildings. The emergency set consists of the call module, pull-cord button, switch-off button and power supply unit that people can use to alert others in case of an emergency.



Smoke alarm device
Security

Compact lifesavers

Gira smoke alarm devices can save lives, as they warn occupants before the smoke concentration becomes dangerous. The range includes the new Gira Basic Q smoke alarm device and Dual Q smoke alarm device. Gira smoke alarm devices meet the requirements of DIN EN 14604:2009-02 and are certified in accordance with the Q-Label Directive VF 14-01.



Alerts before there's actual danger – now with Q-Label

The Gira Basic Q smoke alarm device can save lives. It automatically detects dangerous accumulations of smoke and sounds the alarm with a loud, pulsing alarm tone and a flashing LED. In doing so, it utilises the photoelectric scattered-light principle: a diode in the device emits light signals, and a photo cell evaluates the scattered light caused by smoke particles. An alarm is triggered as soon as the concentration of scattered light exceeds the limit. The permanently-installed lithium battery has a lifespan of at least ten years.

Certified increased safety standards

The Gira Basic Q and Dual Q smoke alarm devices are enhanced versions of the proven Gira smoke alarm devices. Awarded the new Q-Label, these models meet higher quality criteria. The label is only awarded where the German Fire Protection Association vfd's Directive 14-01 is met. Both Gira smoke alarm devices exemplify verified long service life with simultaneously increased stability, e. g. against external factors. The risk of false alarms present in environments with interferences has been further reduced. The integrated battery guarantees a device service life of at least ten years.



The smoke alarm device that's twice as safe

The new Gira Dual Q smoke alarm device features two detection processes: processor-controlled scattered-light measurement detects smoke particles before the situation becomes dangerous for humans. Heat detection by thermal sensor measures temperature changes in the room and thus identifies fires even faster. Interferences and external influences can also be reliably controlled. The service life of the lithium battery is guaranteed to be at least ten years. Up to 40 devices can be networked together.

Networking options via wireless signal and KNX

Gira offers various options for networking the Dual Q smoke alarm device. It is possible to connect any number of smoke alarm devices to the KNX system via the KNX module. In case of danger, the signal of the Dual Q smoke alarm device is forwarded to the KNX system, which then reacts intelligently to the fire hazard. The wireless Dual smoke alarm device module, on the other hand, permits networking up to 40 smoke alarm devices Dual Q without an KNX system. In addition, the wireless converter intermediate plug enables connection of the smoke alarm device into the eNet system.



Smoke Alarm
Device Q
→ 579



Accessories
→ 580

Gira Dual Q smoke alarm device: options, product range

The Gira Dual Q smoke alarm device is supplied with power from a 9-V PP3 battery. The automatic function test regularly tests the power supply and functions of the smoke alarm device. If the battery voltage drops below a defined point, the smoke alarm device

signals for 30 days that the device has to be replaced. The smoke alarm device remains completely functional during this period. The integrated twilight sensor switches off the battery warning signal in darkness.

230 V operation

The Gira smoke alarm device Dual Q can also be operated via the existing 230 V line network. A 230 V base is available for retrofitting the networking capability and supplying power.

Up to 40 devices can be networked via a separate conductor.

Networking options with the wireless module

If equipped with an optional wireless module, the Gira Dual Q smoke alarm device can be integrated into the Gira eNet system using the Gira eNet wireless converter. A transmission range of 100 m (free field) can be achieved per wireless module.

If a smoke alarm device with wireless module is programmed as a repeater, the range can be extended even further. In addition, it is also possible to integrate the new Gira Dual Q smoke alarm device with wireless module into pre-existing installations equipped with Gira Dual/VdS smoke alarm devices with wireless modules.

Networking options with the KNX module for Dual smoke alarm device

The optional KNX module enables the Gira Dual Q smoke alarm device to be connected to the KNX system. If the device registers fire or smoke accumulation, the module

forwards the signals to the KNX system, which reacts intelligently to the risk of fire. The KNX module is supplied with electricity via the KNX line. As many devices as desired can be connected.

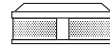
Networking options with the relay module

Equipped with an optional relay module, the Gira Dual Q smoke alarm device can be connected to external alarm devices, such as a sounder or beacon.

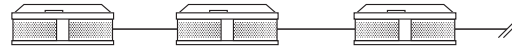
In addition, alarm and fault messages, e. g. on a TeleCopper or alarm control unit, can be switched or forwarded to the KNX system via a button interface.

Gira Dual Q smoke alarm device: networking options

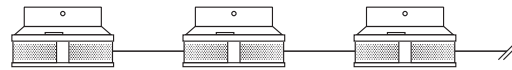
Use as individual device



Networking of up to 40 devices via the 2-wire line



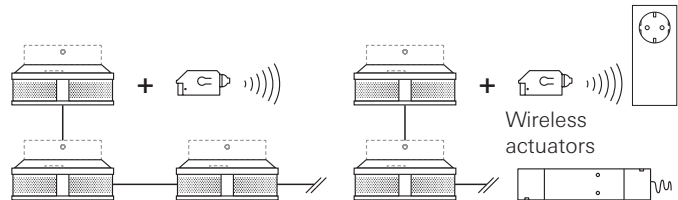
Networking of up to 40 devices via a separate conductor



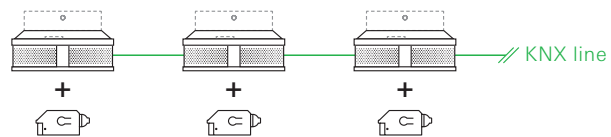
Networking of up to 40 devices via wireless bus system



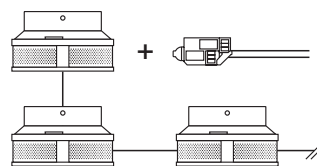
Combined networking of up to 40 devices using the Gira eNet system, by means of the Gira eNet wireless converter, e. g. blinds, light, or alarm



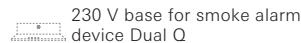
Networking in any desired quantity via the Gira KNX system



Integration of additional devices such as a button interface, TeleCopper, or sounder via the relay module



Smoke alarm device Dual Q



230 V base for smoke alarm device Dual Q



Smoke alarm device Dual Q, 230 V version

Specifications Order No. P. unit PS

Smoke Alarm Device Q

Increased quality criteria and technical advancements in smoke alarm devices are indicated on the market with the new Q test mark. The new Q-Label is an autonomous, manufacturer-independent quality mark for high-quality smoke alarm devices which undergo special testing for long-term use. The latest generation of Gira smoke alarm devices fulfil the criteria of the new Q-Label quality mark. The smoke alarm devices operate based on the photoelectric scattered light principle without radioactive particles. The smoke alarm devices detect smoke accumulation early and emit a warning signal before the concentration of smoke can become hazardous to people. Alerting occurs via a loud pulsing alarm tone and a flashing LED.

Features

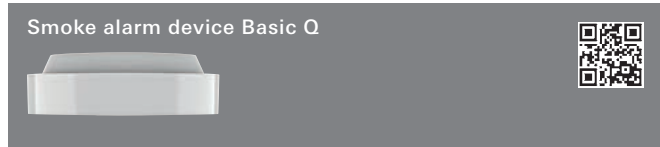
- Use in private residential units or similarly inhabited areas only in accordance with DIN 14676.

Q-Label

- Tested durability and reduction of deceptive alarms.
- Increased stability, e.g. against external factors.
- Permanently installed battery with a service life of up to 10 years.
- Design **A** as per DIN EN 14604.
- KRIWAN approval.

Technical data

Power supply:	Via smoke alarm device battery
Battery life:	at least 10 years
Acoustic signal:	Alarm: at least 85 dB (A)
Visual signal:	Ring indicator (red LED)
Ambient temperature:	-5 °C to +55 °C
Installation height:	max. 6 m
Protection type:	IP42
Area of application:	DIN 14676
Standards	
- :	DIN 14604
- Design:	D



pure white glossy **1149 02** 1 03

Features

- Integrated function button for function test.
- Fault indication.
- Weak battery indication.

Technical data

Dimensions in mm	
- Housing:	Ø 125 H 38,5

Specifications Order No. P. unit PS

Smoke alarm device Dual Q



pure white glossy **2346 02** 1 03

+ Optional accessories

Relay mod. SAD Dual	2340 00	→	580
KNX module SAD Dual	2343 00	→	581
WL mod. SAD Dual Q	2347 00	→	581
Set spacer sleeves screws	2342 00	→	582

Features

- Battery-operated combined smoke alarm device and heat detector.
- Fire and heat alarms alerted differently.
- Heat detection via maximum and differential function.
- Muffled alarm signal (approx. 75 dB (A)) during function test.
- Integrated function button for alarm acknowledgement, function test and muting, for example.
- Smoke detection deactivatable.
- Automatic smoke evaluation self-test with tracking of soiling.
- Soiling or fault indication.
- Signalling of technical faults can be delayed up to 12 h in darkness.
- "Weak battery" indication.
- Up to 40 smoke alarm devices can be networked on each wire.
- One module interface for three optional modules (KNX module, radio module, relay module) with simultaneous use of the networking terminal.

Technical data

Dimensions in mm	
- Housing:	Ø 125 H 48

Specifications	Order No.	P. unit	PS
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	2337 02	1	03
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+ Optional accessories

Relay module for smoke alarm device Dual	→	580
KNX module for smoke alarm device Dual	→	581
Wireless module for smoke alarm device Dual Q	→	581
Set of spacer sleeves and screws	→	582

Features

- Dual Q smoke alarm device with mains power (230 V) for private home use. This item does not need a mounting plate.
- The base with integrated power supply unit is used to provide the Dual Q smoke alarm device with mains voltage (230 V).
- Connection of the supply cable or networking cable is in the base. Contact is automatic when the smoke alarm device is mounted.
- The battery in the Dual Q smoke alarm device automatically takes over the power supply in the event of a mains failure.
- Up to 40 smoke alarm devices can be networked via a separate conductor.

Technical data

Power supply:	AC 230 V, 50 Hz via base
Battery:	back-up only
Battery life:	at least 10 years
Acoustic signal	
- Alarm:	at least 85 dB (A)
- Function test:	approx. 75 dB (A)
Visual signal	
- Base:	Green LED (230 V)
- Ring indicator:	Red LED indicates status and malfunctions
Weight:	approx. 350 g
Dimensions in mm	
- Housing:	Ø 125 H 77

Specifications	Order No.	P. unit	PS
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Accessories**Relay module for smoke alarm device Dual**

	2340 00	1	03
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+ Necessary accessories

SAD 2346 02	→	579
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Features

- Relay module for the smoke alarm device Dual Q.
- Downwards-compatible, therefore it can also be used for smoke alarm device Dual/VdS.
- Option of connecting external alarm devices, such as a horn or warning light.
- The alarm relay switches for local or networked alarm.
- The fault relay switches in case of a smoke alarm device fault, e.g. weak battery.
- Using the relay module, alarm and fault messages can be switched to another signal transmitter.

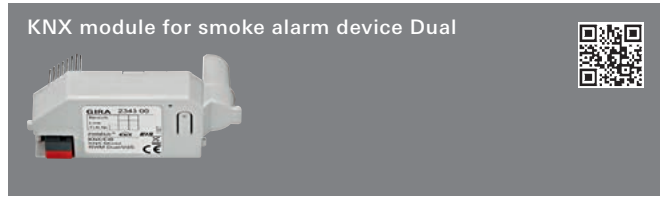
Technical data

Alarm output contact:	2-way switch, zero-voltage
Fault output contact:	2-way switch, zero-voltage
Switching voltage:	max. 30 V
Switching current:	max. 1 A

Notes

- Fault messages can only be polled by smoke alarm devices equipped with a relay module.
- The relay module is simply plugged in at the interface of the smoke alarm device Dual. The networking terminals of the smoke alarm device can continue to be used when the module is attached.
- Please observe the planning information in the Technical Appendix.

Specifications Order No. P. unit PS



2343 00 1/5 46

+ Necessary accessories

SAD 2346 02 → 579

Features

- The KNX module enables connecting the smoke alarm device Dual Q to a KNX system.
- Downwards-compatible, therefore it can also be used for smoke alarm device Dual/VdS.
- Alarm
- Auxiliary unit alarm (for networking several smoke alarm devices via KNX).
- Wired alarm (wired networking of several smoke alarm devices).
- Signal transmitter (to switch on signalling tone)
- Status messages.
- Fault messages.

Technical data

KNX medium: TP1-256
 KNX connection: Connection and junction terminal
 Ambient temperature: -5 °C to +50 °C

Notes

- The KNX module is simply plugged in at the interface of the smoke alarm device Dual. The networking terminals of the smoke alarm device can continue to be used when the module is attached.
- Please observe the planning information in the Technical Appendix.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Specifications Order No. P. unit PS



2347 00 1/5 03

+ Necessary accessories

SAD 2346 02 → 579

+ Optional accessories

Converters on eNet

WL diag.tool SAD Dual + WL mod. 2333 00 → 582

Features

- Wireless module for the wireless connection of smoke alarm device Dual Q.
- Downwards-compatible, therefore it can also be used for smoke alarm device Dual/VdS.

Technical data

Wireless frequency: 433.42 MHz
 Range (free field): approx. 100 m
 Power supply: from the battery of the wireless module

Battery

- Type: CR 2/3 AA lithium
- Capacity: 3 V

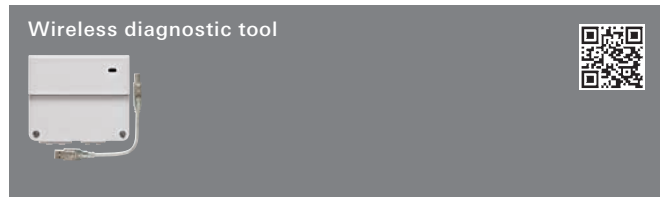
Notes

- If one smoke alarm device detects a fire, all assigned smoke alarm devices sound the alarm.
- The wireless module is plugged in at the interface of the smoke alarm device Dual. The networking terminals of the smoke alarm device can continue to be used when the module is attached. This allows combined lines to be set up (wired or via radio).
- Due to the compatibility to the wireless bus system, alarm messages can be used to control the wireless actuators. This can be used for example to switch on the light or raise blinds in the case of an alarm.
- With a wireless remote control or wall transmitter, the smoke alarm device can be muted following an alert of approx. 10 minutes. If another networked smoke alarm device triggers an alarm during this time, e.g. via the 2-wire cable or radio transmission, the smoke alarm device outputs an alert despite muting.
- Controlling eNet components can only be realised on eNet in connection with the wireless transformer.
- From Index status **102**, the wireless module for the smoke alarm Dual is compatible with the wireless diagnostic tool (**2333 00**).
- Please observe the planning information in the Technical Appendix.
- The battery can **not** be purchased from Gira as a spare part.

Scope of supply

- The battery is included in the scope of supply.

Specifications	Order No.	P. unit	PS
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2333 00	1	09
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+ Necessary accessories

SAD 2346 02	→	579
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Features

- The wireless diagnostic tool is intended for testing the following Gira smoke alarm devices:
 - Dual Q with wireless module for smoke alarm device Dual Q
 - Dual/VdS with wireless module for smoke alarm device Dual/VdS
- The radio diagnosis tool consists of the radio diagnosis USB box and the radio diagnosis software.

Wireless diagnosis USB box

- Connection of the wireless diagnosis USB box to the USB interface of a PC.

Wireless diagnostic software

- Naming smoke alarm devices.
- Option of cyclical recording to analyse errors.
- Combining smoke alarm devices into groups.
- Reading out of various status information for a smoke alarm device: degree of soiling, serial number, battery voltage, temperature, and event memory for the last 20 events (e.g. smoke alarm, test alarm, or weak battery state).

System requirements

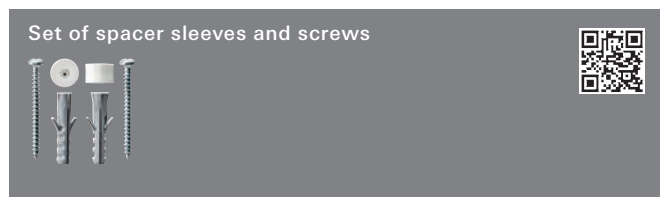
- PC with Windows XP, Windows Vista or Windows 7 and installed Microsoft .NET Framework 3.5.
- Mini CD compatible CD/DVD drive.
- USB interface, supplying current of 500 mA

Technical data

Wireless frequency:	433.42 MHz
Range (free field):	approx. 100 m
Ambient temperature:	-5 °C to +55 °C
Dimensions in mm	
- Housing dimensions:	W 110 H 94 D 38

Notes

- Compatible with the wireless module for the smoke alarm Dual (2347 00) from Index status 102.



2342 00	1	03
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+ Necessary accessories

SAD 2346 02	→	579
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Features

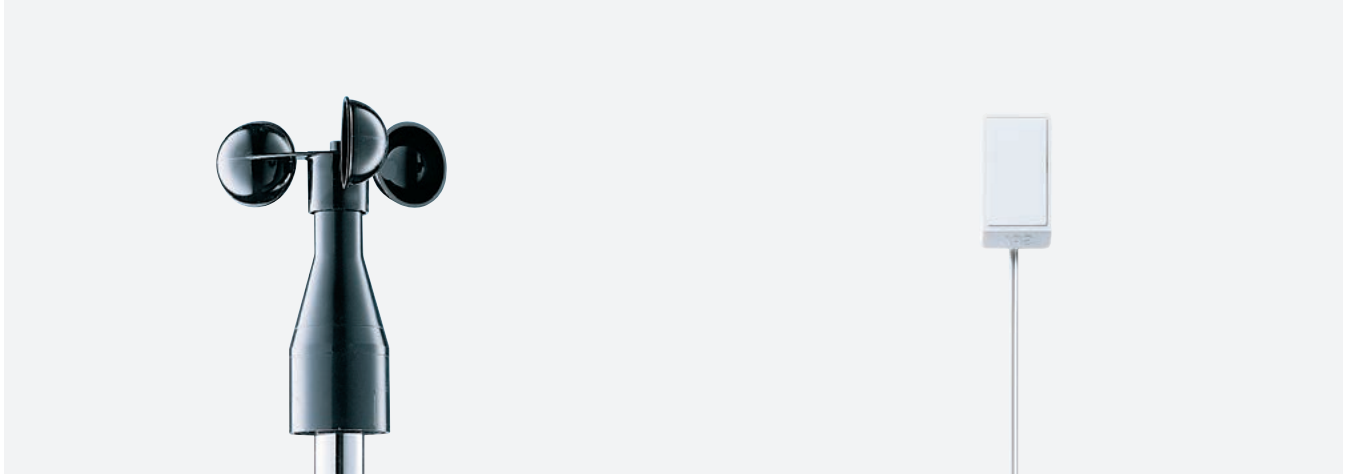
- The set is required for cable routing of the power supply or the wired networking to the "surface-mounted" smoke alarm device Dual.



Signallers and
Sensors

More safety and convenience in the home

Gira alarm devices and sensors increase safety and convenience in the home. The sensors measure humidity, wind speed, brightness, temperature, motion or time and apply important protective functions in a fully automatic manner. An advantage is that the alarm devices and sensors can be combined with the Gira blind controller and Gira alarm systems and can also be integrated into the KNX system and the Gira eNet system.



Sensors for sun, wind and rain

The Gira System 3000 brightness and temperature sensor BT make it possible to automate movement of hangings according to light and temperature conditions. This includes shading when incident sunlight becomes intense, if desired even with a temperature threshold or twilight control in the mornings and evenings, and lighting control for outdoor lights. You assign sensors to controllers and adjust the functions in the simplest possible way

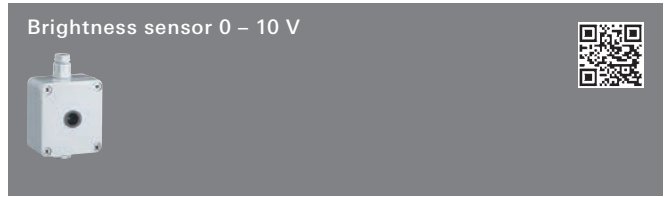
in the Gira Bluetooth app. The wind sensor enables the blinds to be raised depending on the wind speed in order to protect delicate slats from damage. The rain sensor detects and evaluates precipitation. The end of precipitation can be logged almost immediately with the help of installed heating.

Integration with other Gira systems

Alarm devices and sensors can easily be integrated into the KNX system and the Gira eNet system. KNX sensors, e. g. weather stations, temperature sensors, presence detectors or window contacts, enable automatic and on-demand control of various functions. You can use the Gira eNet system together with detectors and sensors to easily integrate security features like panic switches, for example.

Specifications	Order No.	P. unit	PS
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Signallers and Sensors



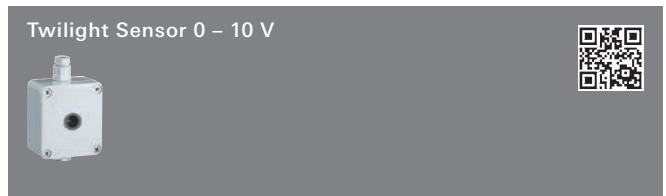
Water-protected surface-mounted	0576 00	1	06
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+ Optional accessories
Mount.bracket **1406 00** → 585

- Features**
- Brightness sensor for logging and evaluating the brightness.
 - The brightness sensor can be operated in conjunction with the basic weather station or the analogue sensor interface.
 - The required power (DC 24 V) is supplied by these devices.
 - Connecting to systems from other manufacturers is also possible.
 - The device is suitable for outdoor installation and is equipped to prevent the build-up of moisture with a pressure-compensation element ("climate membrane").
 - The logged brightness is converted to a linear, analogue output signal from 0 to 10 V.

Technical data

Measurement range:	0 to 60000 lux, linear		
Electrical output:	0 to 10 V DC (short-circuit-proof)		
External supply			
- Voltage:	DC 24 V		
- Current consumption:	approx. 5 mA		
Ambient temperature:	-30 °C to +70 °C		
Cable length:	max. 100 m		
Recommended cable:	3 x 0.25 mm ²		
Installation position:	any		
Protection type:	IP 65		
Dimensions in mm			
- Housing:	W 90	H 58	D 35



Water-protected surface-mounted	0572 00	1/100	06
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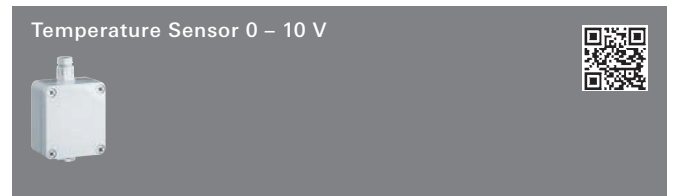
+ Optional accessories
Mount.bracket **1406 00** → 585

- Features**
- Twilight sensor for logging and evaluating the brightness.
 - The twilight sensor can be operated in conjunction with the basic weather station or the analogue sensor interface.
 - The required power (DC 24 V) is supplied by these devices.
 - Connecting to devices from other manufacturers is also possible.
 - The device is suitable for outdoor installation and is equipped to prevent the build-up of moisture with a pressure-compensation element ("climate membrane").
 - The logged brightness is converted to a linear, analogue output signal from 0 bis 10 V.

Specifications	Order No.	P. unit	PS
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Technical data

Measurement range:	0 to 255 lux, linear		
Output:	0 to 10 V DC (short-circuit-proof)		
External supply			
- Voltage:	DC 24 V		
- Current consumption:	approx. 5 mA		
Ambient temperature:	-30 °C to +70 °C		
Cable length:	max. 100 m		
Recommended cable:	3 x 0.25 mm ²		
Installation position:	any		
Protection type:	IP 65		
Dimensions in mm			
- Housing:	W 90	H 58	D 35



Water-protected surface-mounted	0577 00	1	06
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+ Optional accessories
Mount.bracket **1406 00** → 585

- Features**
- Temperature sensor for logging and evaluating the temperature.
 - The temperature sensor can be operated in conjunction with the basic weather station or the analogue sensor interface.
 - The required power (DC 24 V) is supplied by these devices.
 - Connecting to systems from other manufacturers is also possible.
 - The device is suitable for outdoor installation and is equipped to prevent the build-up of moisture with a pressure-compensation element ("climate membrane").
 - The logged temperature is converted to a linear, analogue output signal from 0 to 10 V.

Technical data

Measurement range:	-30 °C to +70 °C, linear		
Electrical output:	0 to 10 V DC (short-circuit-proof)		
External supply			
- Voltage:	DC 24 V		
- Current consumption:	approx. 3 mA		
Ambient temperature:	-30 °C to +70 °C		
Cable length:	max. 100 m		
Recommended cable:	3 x 0.25 mm ²		
Installation position:	any		
Protection type:	IP 65		
Dimensions in mm			
- Housing:	W 90	H 58	D 35

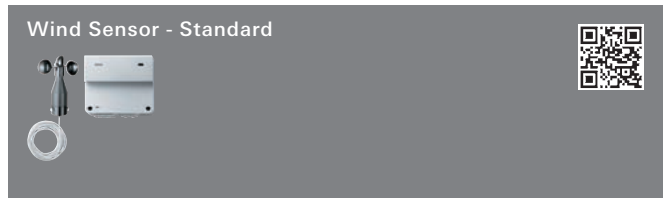


	1406 00	1	06
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+ Necessary accessories
Brightn.sens. 0 - 10 V WP SM **0576 00** → 585
Twil.sens. 0 - 10 V WP SM **0572 00** → 585
Temp.sens. 0 - 10 V WP SM **0577 00** → 585

- Features**
- For proper installation of the brightness, twilight, and temperature sensors.
 - The mounting bracket can be attached to a wall or to a pole if the included tube clamp is used.
 - Weather-resistant because it is made of stainless steel.

Specifications Order No. P. unit PS



0913 00 1/100 06

+ Optional accessories

Auxiliary unit for

S3000 blind ctrl.ins. + aux.inputs **5414 00** → 325
Blind cont. 230 V + aux.input **0398 00** → 556

Features

Wind transmitter (cup anemometer/anemometer)

- The wind sensor enables raising of the blinds depending on the strength of the wind, for example. In this way, sensitive blind slats can be protected from increasing wind.
- The wind transmitter is used to convert the wind speed into electrical signals.
- It is mounted on the roof or on the side of the building and connected to the evaluation unit.

Evaluation unit

- Test mode with test LED.
- Distributor terminals for connecting a heated wind signaller.

Technical data

Wind transmitter

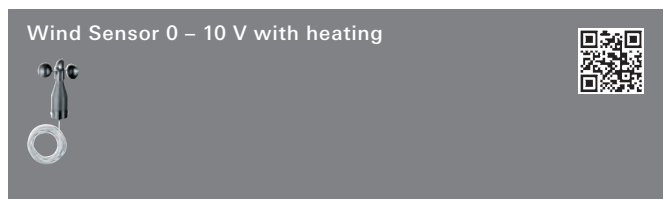
- Material of the transmitter and cup anemometer: Plastic (ABS), black
- Ambient temperature: -25 °C to +60 °C
- Connection cable: LIYY 2 x 0.14 mm², length 3 m (can be extended to max. 50 m)

Evaluation unit

- Wind warning range: 3.3 to 24.5 m/s, can be set to one of 8 levels
 - Switching contact: Relay with zero-voltage NO contact
 - Load capacity: max. 2 A
 - Operating voltage: AC 230 V
- Dimensions in mm
- Cup diameter of the wind transmitter: Ø 134 H 160

Scope of supply

- Mounting bracket included in the scope of supply.



0580 00 1 06

+ Necessary accessories

Pow.supply AC 24 V 1 A DRA **1024 00** → 586

Features

- Wind sensor for logging and evaluating the wind speed (0.7 to 40 m/s). The turning speed is evaluated and converted into an output signal from 0 to 10 V.
- Due to its built-in heating, trouble-free operation is possible even in case of frost.
- The wind sensor can be operated in conjunction with the basic weather station or the analogue sensor interface.
- The required power (DC 24 V) for the electronics is supplied by these devices.
- Additional voltage of AC/DC 24 V is required for the internal heating. A heating transformer can be used for this voltage.
- Connecting to systems from other manufacturers is possible.

Specifications Order No. P. unit PS

Technical data

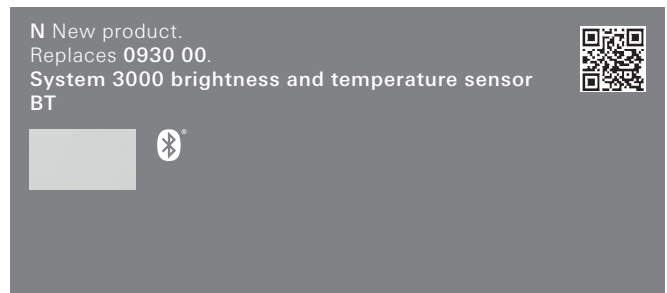
- Measurement range: 0.7 to 40 m/s
- Electrical output: 0 to 10 V
- External supply
- Voltage: DC 24 V
- Current consumption: Approx. 12 mA (without heating)
- Heating: AC/DC 24 V PTC element (80 °C)
- Wind load: max. 60 m/s for a brief period
- Ambient temperature: -25 °C to +60 °C
- Cable length: max. 100 m
- Installation position: any

Notes

- The device is suitable for outdoor installation.

Scope of supply

- The bracket for mounting the sensor is included in the scope of supply.



5466 02 1 02

+ Necessary accessories

S3000 blind timer + timer BT **5367 ..** → 262

Features

- Sensor for recording brightness and temperature.
- Operation with the System 3000 blind timer and timer BT.
- Transmits the current brightness and temperature value via Bluetooth.
- Expansion of functions for the System 3000 blind timer and timer BT: Sun protection function, dawn and dusk function.
- Battery-operated device.

Technical data

- Rated voltage: DC 3 V
- Batteries: 1 x CR 2450N
- Brightness measurement: 5 to 80,000 lx
- Temperature measurement range: -5 °C to +55 °C
- Wireless frequency: 2.402 to 2.480 GHz
- Transmission power: max. 2.5 mW, class 2
- Transmission range: typ. 10 m
- Colour: Pure white (similar to RAL 9010) for attaching indoors e.g. on window panes
- Installation: Ambient temperature: -5 °C to +55 °C
- Dimensions in mm: W 56 H 32 D 13



DRA 1024 00 1/100 26

+ Necessary accessories

One of the following articles:
Wind sens. 0 - 10 V + heat **0580 00** → 586
Rain sens. 0/10 V **0579 00** → 587

Specifications	Order No.	P. unit	PS
----------------	-----------	---------	----

Features

- Power supply for the weather station and the in-built heating of the wind sensor 0 – 10 V, rain sensor 0 / 10 V, etc.

Technical data

- Rated voltage
- Primary: AC 230 V 50/60 Hz
 - Secondary: AC 24 V
- Secondary rated current: 1 A
- Connections: Screw terminals
- Ambient temperature: -5 °C to +45 °C
- Dimensions
- Modular widths (MW): 4



0586 00	1	06
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Features

- The rain monitor with frost protection down to -20 °C and snow detection is used for the detection of rain, snow, and frost to protect awnings, winter gardens, roof ventilation elements, etc.
- The detection of the amount of precipitation can be set using a 2-pole DIP switch in the power supply unit of the rain sensor.

Technical data

- Operating voltage
- Power supply unit: AC 230 V, 50 Hz
 - Rain sensor: 12 to DC 24 V
- Power consumption: Approx. 4.5 VA
- Relay contact: 5 A at 250 V/50 Hz, zero-voltage
- Protection type
- Power supply unit: IP40
 - Rain sensor: IP 65
- Connection
- Rain sensor/power supply unit: 6 x 0.5 mm², DC 12 to 24 V
 - Power supply unit/binary input: 2 x 0.5 mm², AC 230 V
 - Power supply unit: 3 x 1.5 mm², AC 230 V
- Rain sensor/power supply unit cable length: max. 150 m

Scope of supply

- The connection cables are not included in the scope of supply.



0579 00	1	06
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+ Necessary accessories

Pow.supply AC 24 V 1 A DRA **1024 00** → 586

Features

- Rain sensor for logging and evaluating the precipitation. The conductivity of the rain water is evaluated via a sensor, and an output signal of 0 or 10 V is then provided.
- The end of precipitation can be logged nearly immediately with the help of installed heating.
- The rain sensor can be operated as a basic device in connection with the basic weather station, as an analogue sensor interface or the binary input, 6-gang 24 V.
- The required power supply (DC 24 V) for the electronics is also provided by these devices (except for the binary input, 6-gang 24 V).
- Additional voltage of AC/DC 24 V is required for the internal heating. A heating transformer can be used for this voltage.
- Connecting to systems from other manufacturers is possible.

Specifications	Order No.	P. unit	PS
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Technical data

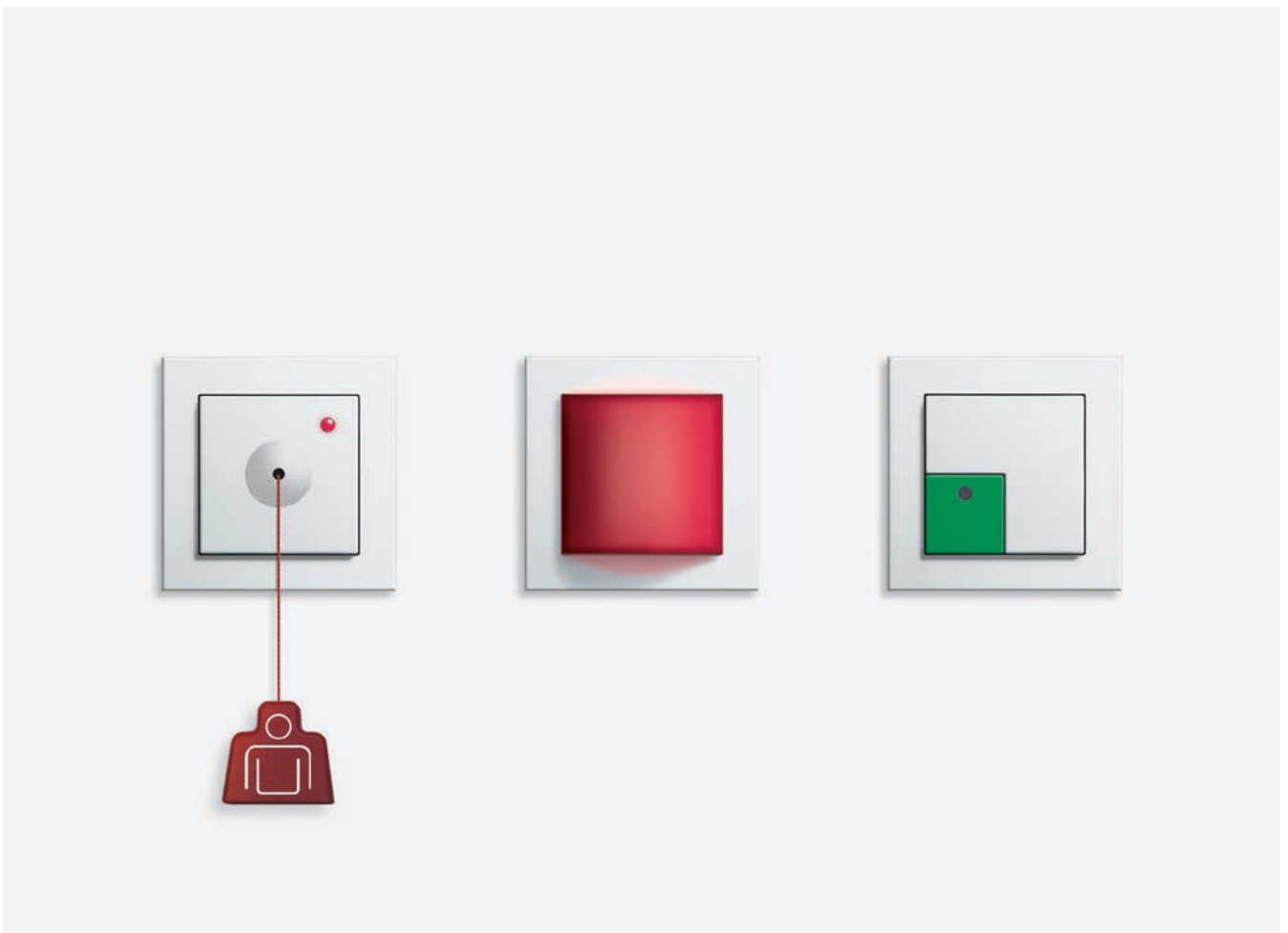
- Electrical output: 0 V dry, 10 V rain
- External supply
- Voltage: DC 24 V
 - Current consumption: Approx. 10 mA (without heating)
- Heating: AC/DC 24 V, max. 4.5 W
- Ambient temperature: -30 °C to +70 °C
- Cable length: max. 100 m
- Installation position: Approx. 45°
- Protection type: IP 65
- Dimensions in mm
- | | | |
|------|------|------|
| W 58 | H 83 | D 17 |
|------|------|------|

Notes

- The device is suitable for outdoor installation.

Scope of supply

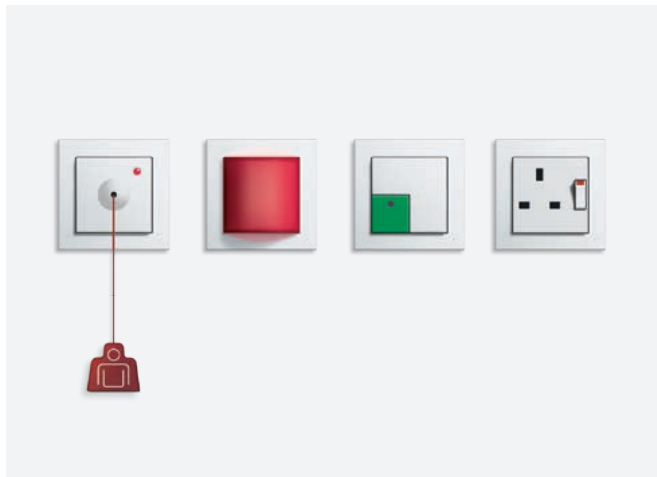
- A 45° bracket for (wall or pole) mounting of the sensor is included in the scope of supply.



Emergency set

More safety in the bathroom

The Gira emergency set is designed to conform to the requirements of the building regulations Document M requirements for sanitary facilities in public and private buildings. The emergency set consists of the call module, pull-cord button, switch-off button and power supply unit that people can use to alert others in case of an emergency.



Matching the style of the switch range

Cream white glossy or cream white glossy: All of the Gira emergency set components can be integrated in the Gira switch ranges and are therefore available in diverse designs. In this way, the Gira emergency set can be installed to match any interior.

Standard-compliant equipment in buildings

Barrier-free furnishing of publicly accessible buildings must conform to the building regulations Document M requirements for sanitary facilities in public and private buildings. The Gira emergency set makes it easy to meet this requirement. In addition, the emergency set complies with the VDE 0834 standard for the minimum requirements for call systems in hospitals, nursing homes and similar institutions.

More security and quality of life at home

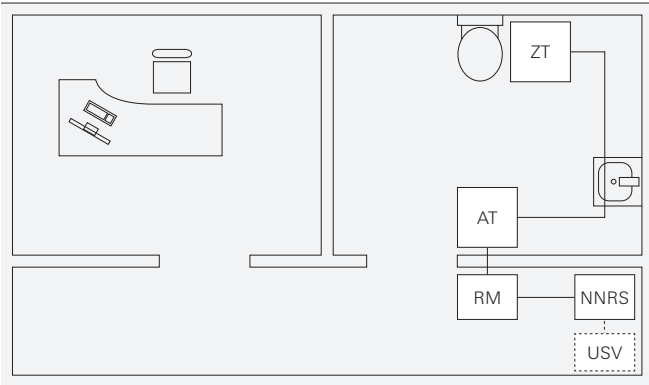
The use of the emergency set is becoming increasingly interesting in private settings: A growing number of people wish to lead an independent life within their own four walls for as long as possible without having to do without raised safety standards. As falls are most common in the bathroom, the Gira emergency set can make a valuable contribution to increasing safety and quality of life within people's own homes.



Emergency set
→ 592

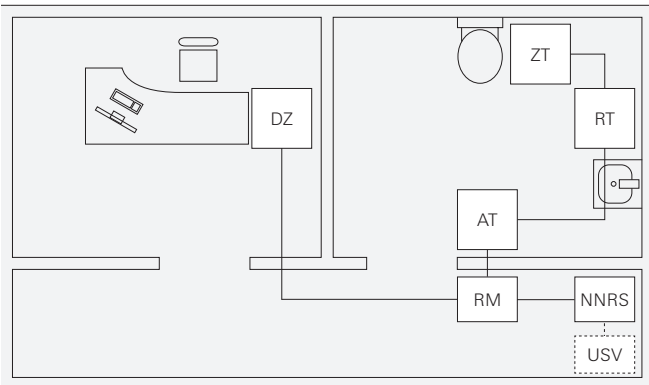
Emergency set

Example for use of the emergency set in a handicapped accessible toilet



- AT Switch-off button
- NNRS Flush-mounted power supply unit 250 mA
- RM Call module
- ZT Pull-cord button
- USV uninterruptible power supply prescribed according to VDE

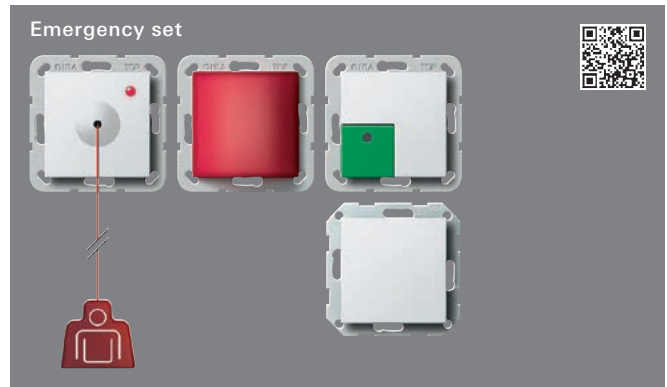
Example for extending the emergency set with a duty room unit



- AT Switch-off button
 - NNRS Flush-mounted power supply unit 250 mA
 - RM Call module
 - ZT Pull-cord button
 - USV uninterruptible power supply prescribed according to VDE
- Additionally required:
- DZ Duty room unit
 - RT Call button

Specifications	Order No.	P. unit	PS
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Emergency set



System 55 pure white glossy	2914 03	1/100	34
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including Gira E2 cover frame pure white glossy	0495 88	1	34
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+ Optional accessories

Duty room unit emergency set **2915 ..**

Pull-cord btn **2912 ..**

Sw-off btn **2911 ..**

Features

- Call module with red LED signal light, integrated zero-voltage contact, optionally activated buzzer (continuous tone) and the option of setting either flashing light or continuous light.
- Pull-cord button with 2.5 m pull cord with red handle and reassurance light in button housing, suitable for wall or ceiling mounting.
- Switch-off button with integrated green button.
- Flush-mounted power supply unit 250 mA.
- As an option, the call set can be expanded with a duty room unit with an integrated sound generator for acoustic call signalling, a green presence button with presence light, and a yellow buzzer switch-off button.

Technical data

Power supply unit

- Input voltage: AC 100 to 240 V, 50 to 60 Hz
 - Input current: 180 mA
 - Output voltage: DC 24 V
 - Output current: 250 mA
- Ambient temperature: + 5 °C to + 40 °C
 Long pull cord: 2,5 m
 Installation: Device boxes

Notes

- Use uninterruptible power supply for installation pursuant to DIN 0834.
- Individual components can be purchased later to extend the emergency sets.

Specifications Order No. P. unit PS



System 55
pure white glossy **2915 03** 1/5 34

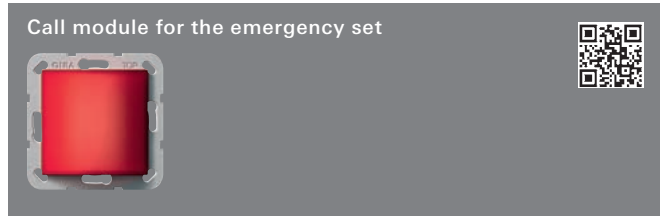
+ Necessary accessories
Emergency set **2914 ..**

Features

- Duty room unit (without display) with call acknowledgement (green keypad) and switch-off button for the buzzer (yellow keypad).

Notes

- The duty room unit is an optional component of the emergency set.



System 55
Program-neutral **2916 00** 1/5 34

+ Necessary accessories
Emergency set **2914 ..**

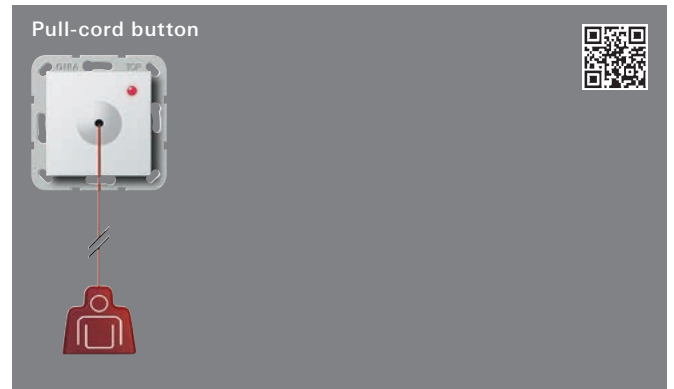
Features

- The call module is a component of the emergency set.
- The call module includes the electronics, the signal light, and the buzzer of the emergency set.
- A zero-voltage contact is provided for the duration of the emergency call.
- The visual and acoustic signal can be optionally set from continuous light / continuous tone to flashing light / emergency call using jumpers.

Notes

- For follow-up ordering if the emergency set should be expanded.

Specifications Order No. P. unit PS



System 55
pure white glossy **2912 03** 1/5 34

+ Necessary accessories
Emergency set **2914 ..**

Features

- Call or emergency call triggering using pull cord (2.5 m).
- Red reassurance light in the device housing.

Technical data

Connection: 4 x screw terminals
Long pull cord: 2.,5 m

Notes

- The pull-cord button is suitable for both wall and ceiling mounting.



System 55
pure white glossy **2911 03** 1/5 34

+ Necessary accessories
Emergency set **2914 ..**

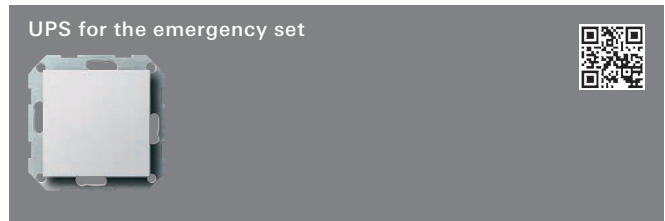
Features

- Calls are switched off using the green switch-off button.

Technical data

Connection: 2x screw terminals

Specifications	Order No.	P. unit	PS
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pure white glossy	2918 03	1/5	34
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+ **Optional accessories**
Emergency set **2914 ..**

Features

- Uninterruptible power supply for the Gira emergency set.
- With drop/failure of the mains input voltage, the connected load continues to be supplied via the battery without interruption.
- When the mains input voltage increases again or is applied, the battery is disconnected from the load and recharged in normal mains operation.
- The operating states "UPS active" or "Battery defective" can be signalled via the signal contact (M).

Technical data

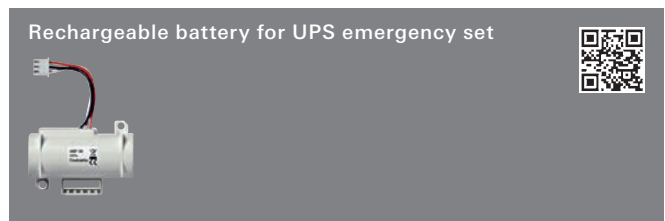
Input voltage:	DC 24 V
Output voltage in rechargeable battery operation:	22.8 V ± 10 %
Rated load in rechargeable battery operation:	130 mA for 1 h
Maximum load	
- in rechargeable battery operation:	300 mA for 15 min
- in mains operation:	250 mA
Installation:	in device box pursuant to DIN 49073

Notes

- For installations pursuant to DIN 0834.
- DIN 0834 prescribes the replacement of components with limited service lives (battery) once annually.
- Please observe the regulations on the disposal of used batteries.

Scope of supply

- Blank cover plate is included in the scope of supply.
- Rechargeable battery included in the scope of supply.



	5987 00	1	34
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+ **Necessary accessories**
UPS emergency set **2918 ..**


Features


- Rechargeable battery for uninterruptible power supply of emergency set.


Notes


- Batteries are consumables and must be replaced regularly. Please observe the regulations on the disposal of used batteries.


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 VDE test mark
For installation materials, individual parts and devices as technical work materials for compliance with the "Gerätesicherheitsgesetz (GSG)" (device safety statute). All Gira products which can be granted the VDE mark carry this certification mark.


 Certification mark for the Netherlands


 Certification mark for Austria


 Certification mark for Norway


 Certification mark for Denmark


 Certification mark for Sweden


 Certification mark for Belgium


 Certification mark for Poland


 Certification mark for Finland

 Certification mark for Switzerland


 CE marking
All devices in this catalogue falling under the CE directive are labelled with this mark on the packaging label and on the product. All Gira flush-mounted devices fit in the commercially available flush-mounted device boxes in accordance with DIN 49073/Part I, 1990-02 and in the Gira surface-mounted housing.


 Symbol for professional electrician.
The symbol indicates that the installation may only be performed by a professional electrician.


 Hollow-wall box
With hollow-wall installations, boxes in accordance with DIN 49073/Part 1 and DIN VDE 0606-1 are generally to be used. In addition, the installation instructions from the box manufacturer and the required 71 mm dimension must be observed!

 VDE-EMC mark
Applies to devices complying with the standards for electromagnetic compatibility (EMC).


 VDE radio interference mark

 Protective contact socket outlets (SCHUKO socket outlets). Registered trademark of the SCHUKO trademark association. In accordance with VDE 0620/0624, the terminals are also suitable for use as connection terminals.


 Furniture protection mark
Devices can be installed on surfaces with unknown flammability characteristics (e.g. items of furniture).

 Symbol for increased contact protection
Identifies socket outlets that are equipped with integrated increased contact protection (shutter) in accordance with DIN VDE 0620-1.


AC/~ Alternating current
DC/= Direct current

 Mark for RCD switches which are sensitive to pulse current

 1.10 Automatic control switch top unit
Mounting height up to 1.10 m


 2.20 Automatic control switch top unit
Mounting height up to 2.20 m

 Light bulb

 Energy-saving bulb


 Fluorescent lamp


AX X = fluorescent lamp rated current


 LV halogen lamp

 HV halogen lamp (230 V)

 LED lights


 Wound transformers


 Electronic transformers

 Symbol for dimmers and electronic switches (with semiconductor switching element) in accordance with DIN EN 60669-1/A2 and VDE Part 1/A2


μ Mark for switching devices, incl. relays with micro-contact opening width in accordance with DIN EN 60669-1/A2 and VDE 0632 Part 1/A2


ε Symbol for semiconductor switching element (without contact opening) in accordance with IEC 60417

 Type of use
Independent accessory for use outside of lamps (VDE 0712, Part 1).

 Operating units with double or reinforced insulation (IEC 60417-6295 (2014-09).


SELV Voltage designation
Safety extra-low voltage


 S mode (System Mode)
KNX configuration mode


 TP KNX 2-wire (TP)


 IP KNX IP


 RF KNX wireless

 Video distributor (Order No.: 1226 00)

 Video amplifier (Order No.: 1222 00)

 Video multiplexer (Order No.: 1224 00)

 Data conn. element

 Limit switch

 Leading edge

 Trailing edge

Protection against contact, foreign bodies and water in accordance with EN 60529/DIN VDE 0470 Part 1

Depending on the environmental conditions under which it is used, equipment must be protected against contact, the ingress of foreign bodies of various sizes and ingress of water. The so-called IP codes were specified to define the degree to which a piece of equipment is protected. IP stands for "international protection".

The IP codes are presented in the following format: IP identifier (1) digits (2) letter (3)

Identifier (1):

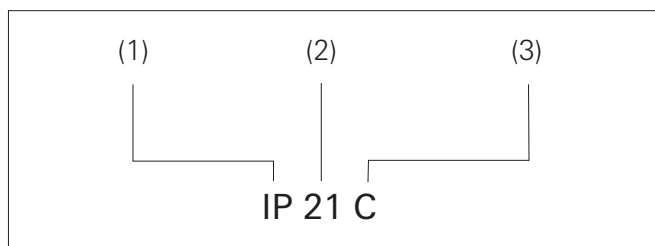
Symbol for the protection of people against touching dangerous parts and protection of the equipment against the intrusion of foreign bodies and water.

Digits (2), see table at the side:

Describes the protection of equipment in terms of protection against contact and foreign bodies and against the harmful ingress of water.

Letter (3):

In addition, the degree of protection for people may be indicated with a letter after the two digits.



The housing of this equipment protects

- 2 people from accessing dangerous parts with their fingers and protects the equipment against the ingress of foreign bodies with a diameter of at least 12.5mm and larger.
- 1 the equipment against the ingress of vertically dripping water.
- C people who insert a tool with a diameter of 2.5mm and larger and a length of up to 100mm into the housing.

Possible letters:

- A Safe for the back of the hand
- B Safe for the fingers
- C Protected against access with a tool up to 100mm in length
- D Protected against access with a wire up to 100mm in length

Protection levels pursuant to EN 60 529:

Digit	Degree of protection	
	Contact and foreign-body protection (1st digit)	Water protection (2nd digit)
0	not present	not present
1	against foreign bodies > 50 mm Ø; against back of hand	against vertically dripping water
2	against foreign bodies > 12 mm Ø; against contact with a finger	against water dripping tilted at an angle up to 15° to the vertical
3	against foreign bodies > 2.5 mm Ø; against contact with a tool	against water sprayed at an angle of up to 60° to the vertical
4	against foreign bodies > 1 mm Ø; against contact with a wire	against water splashed from all directions
5	against harmful dust deposits on the inside	against water jets from all directions
6	against the ingress of dust (dust-proof)	against powerful water jets
7	–	with temporary immersion
8	–	with continuous immersion

Protection classes against excessive contact voltage

The type of protection against dangerous shock currents is identified via a protection-class specification. There are three protection classes, whose meanings are described in the following table.

Protection class	Symbol	Description
I		Equipment with simple basic insulation. If a fault occurs in the basic insulation, the body (e.g. metal covering of devices) can be energised. The bodies are connected to a protective earthing conductor and protected via a safe-guard measure (e.g. disconnection from the power supply by overload protective devices).
II		Equipment with simple basic insulation and additional insulation (double insulation) or with reinforced insulation (single-stage insulation). If the basic insulation fails, protection in the event of indirect contact is thus ensured (protective measure: protective insulation).
III		Protection against dangerous shock currents is ensured via the safety extra-low voltage safety measure (alternating current ≤ 50 V, direct current ≤ 120 V, safety voltage source).

Resistance table for remote sensor 1302 00

Temperature (°C)	Resistance (Ohm)	Temperature (°C)	Resistance (Ohm)
0	1592	31	2051
1	1605	32	2067
2	1619	33	2083
3	1633	34	2099
4	1647	35	2115
5	1661	36	2131
6	1675	37	2148
7	1689	38	2164
8	1703	39	2181
9	1717	40	2197
10	1732	41	2214
11	1746	42	2231
12	1761	43	2248
13	1775	44	2265
14	1790	45	2282
15	1805	46	2299
16	1819	47	2316
17	1834	48	2333
18	1849	49	2351
19	1864	50	2368
20	1879	51	2385
21	1895	52	2403
22	1910	53	2421
23	1925	54	2438
24	1941	55	2456
25	1956	56	2474
26	1972	57	2492
27	1987	58	2510
28	2003	59	2528
29	2019	60	2546
30	2035		

Resistance table for remote sensor 1493 00 to 0394..

Temperature (°C)	Resistance (kOhm)	Temperature (°C)	Resistance (kOhm)
5	85,279	30	26,281
10	66,785	35	21,137
15	52,330	40	17,085
20	41,272	45	13,846
25	33,000	50	11,277

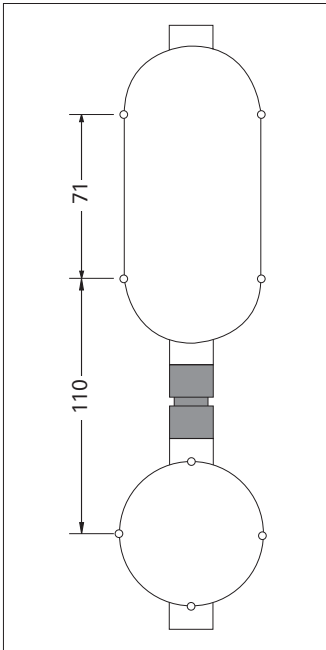
Resistance values can only be measured when the sensor is disconnected (measuring device $R_i > 1 \text{ MOhm}$).

Line/Dimensions (W x H x D)

Nurse call system 834 Plus

Installation information for the room terminal and duty room terminal. To ensure an optimum appearance, the distance between the terminal and the intercom module should be set as shown in the figure below.

Corresponding flush-mounted device boxes and a suitable spacer are included with the room terminal 5925.. and duty room terminal 5929..

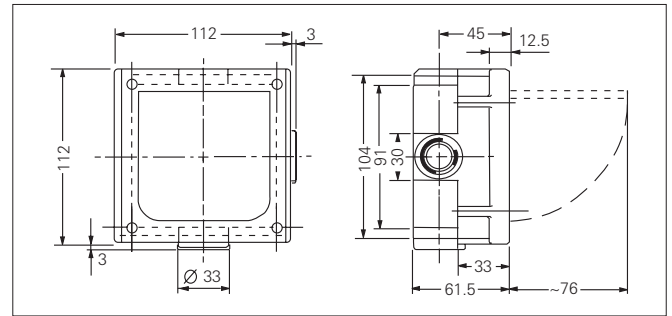


Arrangement of the flush-mounted device boxes and spacer for optimal device alignment

Line/Dimensions (W x H x D)

Die-cast aluminium, flush-mounted floor empty housing

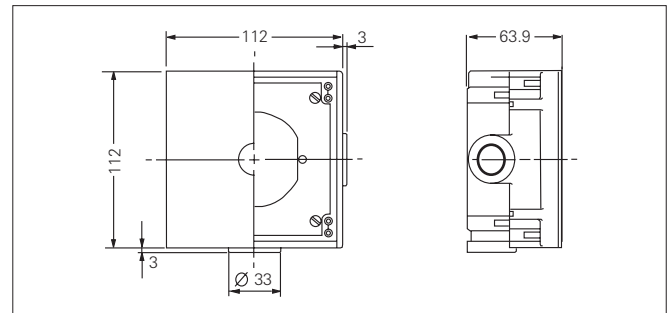
1-gang 112 x 112 x 61.5mm



Die-cast aluminium

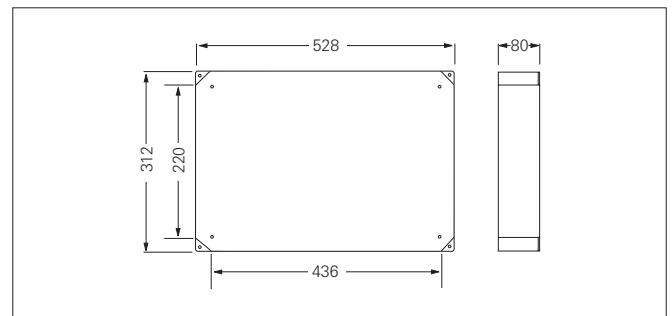
Matt stainless steel, flush-mounted floor empty housing

1-gang 112 x 112 x 63.9mm

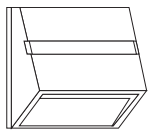


Matt stainless steel

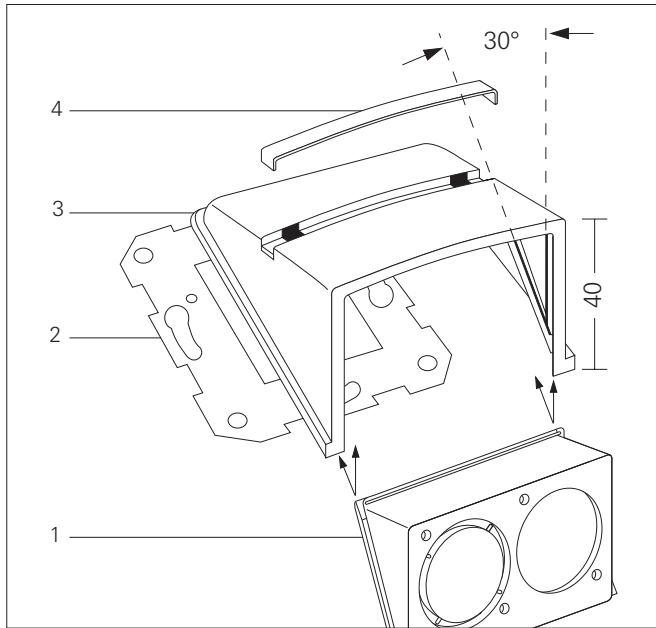
Gira Control 19 Client flush-mounted device box



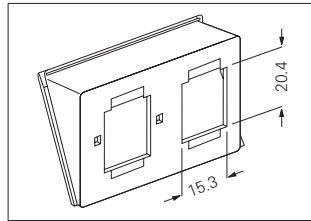
Flush-mounted device box Gira Control 19 Client



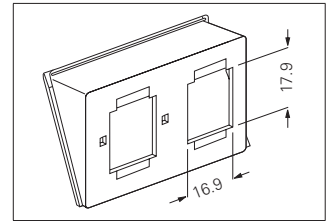
Cover plate for data and communication connection technology



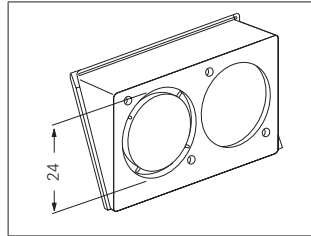
Cover plate with support ring and inscription space for data and communication connection technology – for vertical and 30° tilted outlet.
1 = insert, 2 = support ring, 3 = cover, 4 = inscription space



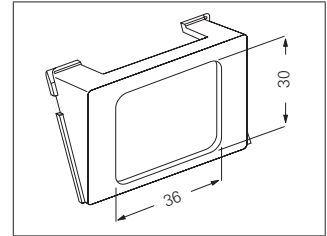
Insert 0039 00 for Modular Jack AMP, 2-gang



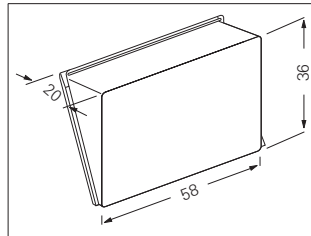
Insert 0058 00 for Modular Jack Lucent (AT&T), 2-gang



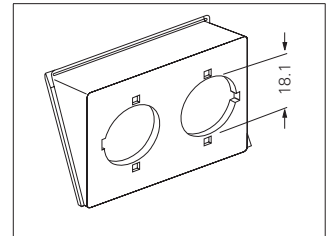
Insert 0055 00 for 2 XLR connectors, D series, Speakon series NL 4 MP (Neutrik)



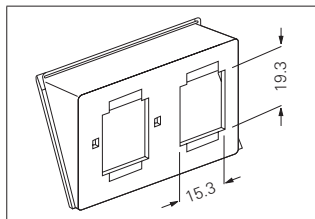
Insert 0059 00 for AMP/ACO (communications outlet) Only suitable for 30° angled outlet.



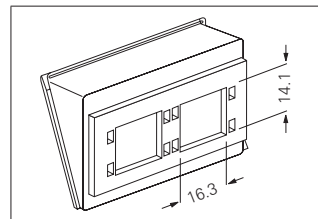
Blank insert 0048 00



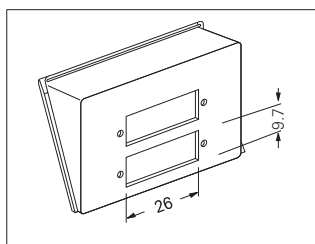
Universal insert 0049 00



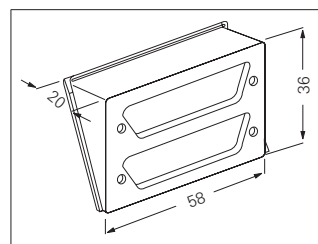
Insert 0053 00 for Modular Jack AMP/Radiall, 2-gang



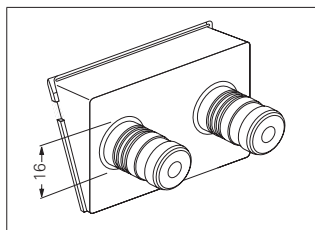
Insert 0047 00 for IBM freenet 1-gang modules (ACS) 100 b, cabling cross-line/ Reichle de Massari, 1-gang



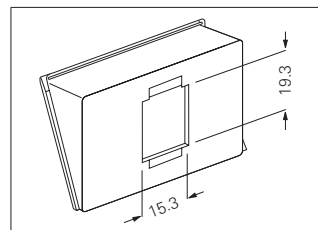
Insert 0089 00 for fibre optic cable/ SC duplex gender changer, 2-gang



Insert 0050 00 for D-sub



Insert 0091 00 with high-end loudspeaker connectors WBT (+/-)



Insert 0052 00 for Modular Jack AMP/Radiall, 1-gang

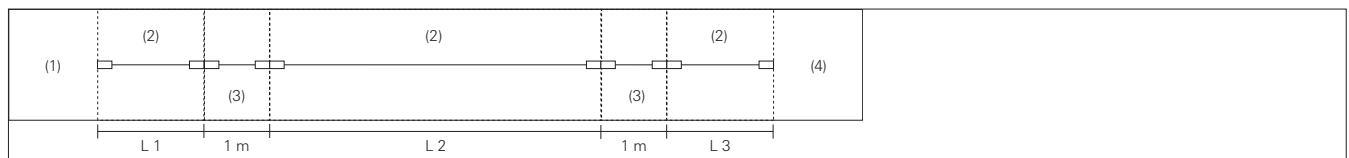
Plug connections

	Design/connection on the rear	Pin jack/ plug	Specifications	Wave imped- ance	Insertion cycles
WBT	Flat insertion lug 6.3mm	–	–	–	–
XLR	Solder connection up to max. 2.5mm ²	Pin jack	–	–	–
BNC	Crimp	Pin jack	–	50 Ohm	1500
USB	Gender changer	Pin jack Type A	USB 3.0	–	1500
	Gender changer with BC ¹⁾			–	
HDMI™	Gender changer	Pin jack Type A	HDMI™ 2.0a + HDR	–	1500
	Gender changer with BC ¹⁾			–	
Cinch	Gender changer	Pin jack	–	–	1500
	Gender changer with BC ¹⁾			75 Ohm	
	Solder connection			–	
VGA	Gender changer	Pin jack HD15M	DIN 41652/ EC 807-2	–	1500
	Gender changer with BC ¹⁾			75 Ohm	
	Solder connection			–	
D-Sub 9-pole	Solder connection	Pin jack DB9M	DIN 41652/IEC 807-2	–	1500
D-Sub 15-pole	Solder connection	Pin jack DB15M	DIN 41652/IEC 807-2	–	1500
Jack	Gender changer	Pin jack 3.5 mm	3-pole (stereo)	–	1500
	Gender changer with BC ¹⁾			–	
S-video	Gender changer	Pin jack MD4M DIN 4-pole	–	–	1500
	Gender changer with BC ¹⁾			75 Ohm	
DVI	Gender changer	Pin jack	DVI-I (dual link; 24+5)	–	1500
	Gender changer with BC ¹⁾			–	
SAT F jack	Gender changer	Pin jack	IEC 60169-24	75 Ohm	1500
Loudspeaker connec- tion box	Screw terminals connection up to max. 6mm ²	–	–	–	–

¹⁾ BC = breakout cable

Cable lengths in HDMI™ connection system

Calculate total HDMI™ cable length



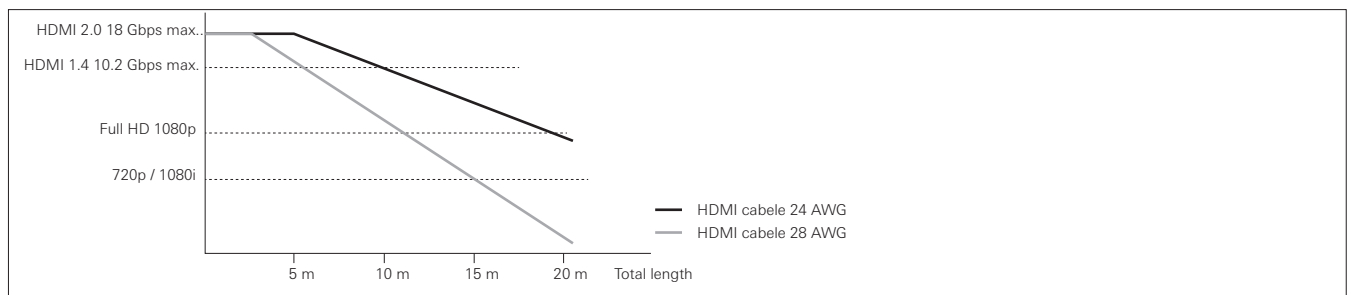
(1) = Source e. g. Blu-ray, (2) = HDMI™ cable, (3) = Gira HDMI™ gender changer, (4) = Target e. g. LED TV

Total length* = length 1 (L1) + length 2 (L2) + length 3 (L3) + 2m**

* The maximum total length depends on the cable quality, the devices and the required performance.

** The HDMI™ gender changers have to be included in the calculation with a length of 1m each.

Performance depending on total length (simplified representation)



NOTE: In order to ensure stable performance in longer cable lengths (see diagram), please check technical feasibility using the Gira hotline.

Properties of connection types

Gira Order No.:	Type	Standard	Length of the breakout cable mm	Contact resistance mΩ	Rated current A
HDMI					
5669.., 5671.., 5673.., 5675.., 5676.., 5680..	HDMI coupler	HDMI 2.0a, type A, 4k@50/60 Hz +HDR	-	<30	1
5670.., 5672.., 5674.., 5677.., 5679.., 5681..	HDMI coupler w.cable	HDMI 2.0a, type A, 4k@50/60 Hz +HDR	200	<30	1
USB A-A					
5682.., 5684.., 5686.., 5688..	USB 3.0 gender changer short	USB 3.0 type A	-	<30	1
5679.., 5681.., 5683.., 5685.., 5687.., 5689.., 5691..	USB 3.0 gender changer w.cable (Apple compliant socket)	USB 3.0 type A	200	<30	1
USB A-A					
5678.., 5680.., 5690..	USB 3.0 gender changer	USB 3.0 type A		<30	1
DVI					
5644.., 5646..	DVI gender changer	DVI-I dual link 24+5 pin	-	<20	1.5
5645.., 5647..	VDI gender changer w.cable	DVI-I dual link 24+5 pin	200	<20	1.5
VGA					
5652.., 5654.., 5656.., 5658.., 5676.., 5688..	VGA 15 pin gender changer	D-SUB, 15-pole VGA	-	<30	1
5653.., 5655.., 5657.., 5659.., 5677.., 5689..	VGA 15 pin gender changer w.cable	D-SUB, 15-pole VGA	200	<30	1
Cinch					
5631.., 5634.., 5636.., 5646.., 5656.., 5661.., 5663.., 5673.., 5690..	RCA gender changer	RCA	-	<30	1
5633.., 5635.., 5637.., 5647.., 5657.., 5662.., 5664.., 5674.., 5691..	RCA gender changer w.cable	RCA	200	<30	1
5632.., 5638..	RCA jack solder connection	RCA	-	<30	1
Jack 3.5 mm					
5634.., 5648.., 5663..	Jack 3.5 mm gender changer	3-pole stereo jack 3.5 mm	-	<30	1
5635.., 5649.., 5664.., 5658.., 5659.., 5680.., 5681.., 5686.., 5687..	Jack 3.5 mm gender changer w.cable	3-pole stereo jack 3.5 mm	200	<30	1
D-SUB					
5642..	D-SUB jack 9 pin fem. solder conn.	D-SUB, 9-pole	-	<30	1
5643..	D-SUB jack 15 pin fem. solder conn.	D-SUB, 15-pole	-	<30	1
BNC					
5630..	BNC jack crimp	75 Ohm		<20	1
S-VHS					
5661.., 5663..	S-video gender changer	Mini DIN S-video	-	<30	1
5660.., 5662.., 5664..	S-video gender changer w.cable	Mini DIN S-video	200	<30	1
SAT F					
5650.., 5651.., 5675..	F-connector gender changer	IEC 60169-24		<30	1

Applies to all:
Rated voltage: AC/DC 30V

Ambient temperature: -25°C to 70°C

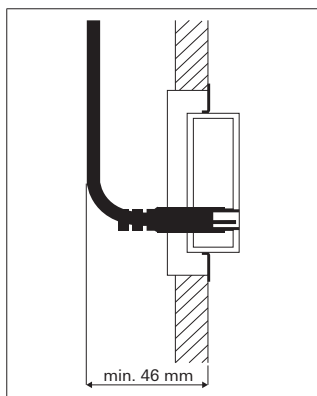
RoHS: Yes

Properties of connection types

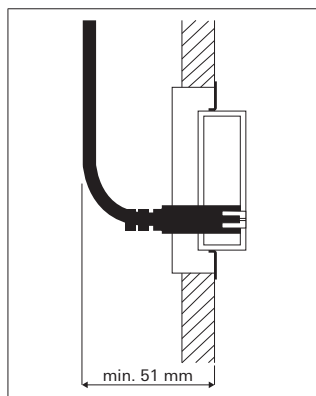
Gira Order No.:	Insulation resistance	Frequency range/ transmission speed	Number of insertion cycles	Materials	
				Contact pins	Earth connec- tion
	MΩ				
HDMI					
5669.., 5671.., 5673.., 5675.., 5676.., 5680..	>500	18Gbps	>1500	gold-plated	gold-plated
5670.., 5672.., 5674.., 5677.., 5679.., 5681..	>100	18Gbps	>1500	gold-plated	gold-plated
USB A-A					
5682.., 5684.., 5686.., 5688..	>500	5Gbps	>1500	gold-plated	gold-plated
5679.., 5681.., 5683.., 5685.., 5687.., 5689.., 5691..	>100	5Gbps	>1500	gold-plated	gold-plated
USB A-A					
5678.., 5680.., 5690..	>500	5Gbps	>1500	gold-plated	gold-plated
DVI					
5644.., 5646..	>500	9.9Gbps	>200	gold-plated	gold-plated
5645.., 5647..	>100	9.9Gbps	>200	gold-plated	gold-plated
VGA					
5652.., 5654.., 5656.., 5658.., 5676.., 5688..	>500	10 MHz	>200	gold-plated	gold-plated
5653.., 5655.., 5657.., 5659.., 5677.., 5689..	>100	10 MHz	>200	gold-plated	gold-plated
Cinch					
5631.., 5634.., 5636.., 5646.., 5656.., 5661.., 5663.., 5673.., 5690..	>500	5 MHz	>500	gold-plated	gold-plated
5633.., 5635.., 5637.., 5647.., 5657.., 5662.., 5664.., 5674.., 5691..	>100	5 MHz	>500	gold-plated	gold-plated
5632.., 5638..	>500	5 MHz	>500	gold-plated	gold-plated
Jack 3.5 mm					
5634.., 5648.., 5663..	>100	5 MHz	>1500	gold-plated	gold-plated
5635.., 5649.., 5664.., 5658.., 5659.., 5680.., 5681.., 5686.., 5687..	>100	5 MHz	>1500	gold-plated	gold-plated
D-SUB					
5642..	>500	10 MHz	>200	gold-plated	nickel
5643..	>500	10 MHz	>200	gold-plated	nickel
BNC					
5630..	>500	1 GHz	>500	gold-plated	nickel
S-VHS					
5661.., 5663..	>500	5 MHz	>500	gold-plated	gold-plated
5660.., 5662.., 5664..	>100	5 MHz	>500	gold-plated	gold-plated
SAT F					
5650.., 5651.., 5675..	>500	1 MHz	>500	gold-plated	nickel

Applies to all:**Rated voltage:** AC/DC 30V**Ambient temperature:** -25 °C to 70 °C**RoHS:** Yes

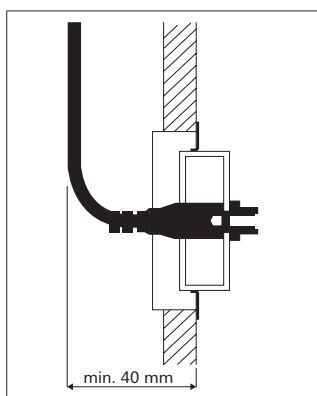
Installation depths for devices with breakout cables



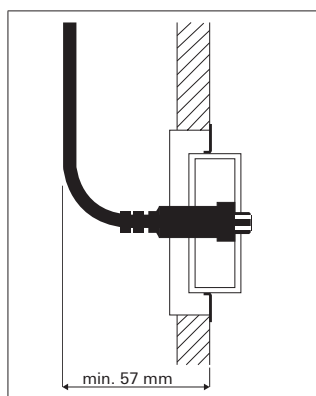
USB with breakout cable



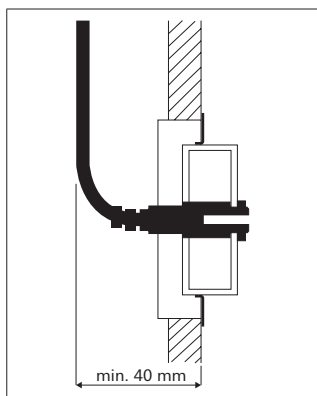
HDMI™ with breakout cable



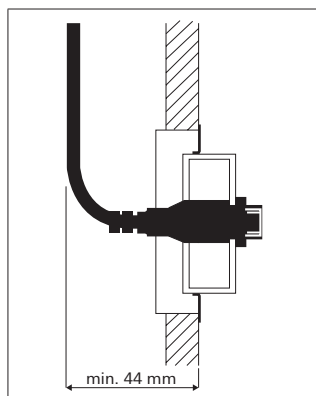
Cinch with breakout cable



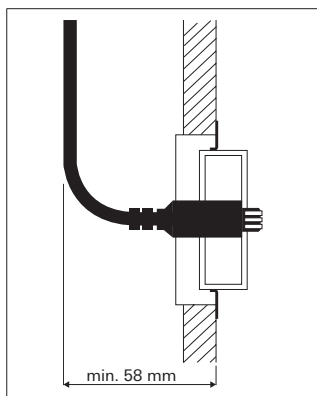
VGA with breakout cable



Jack with breakout cable



S-video with breakout cable



DVI with breakout cable

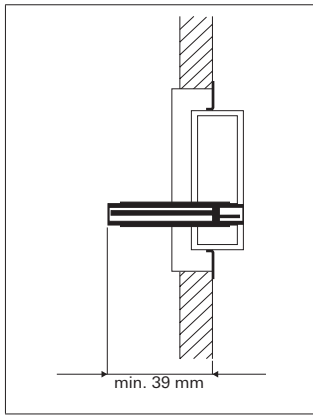
Note on devices with breakout cable:

The respective length of the breakout cable is approx. 200 mm. The dimensions and the bending radii must be observed.

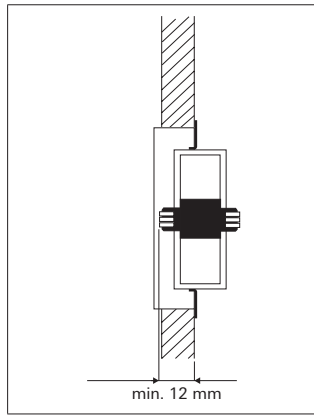
Installation recommendation:

Installation in deep multimedia box, e.g. Kaiser electronics box 1068-02 (flush-mounted installation) 9062-94 (hollow-wall installation).

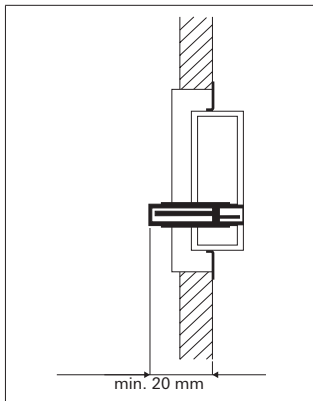
Installation depths for devices with gender changer



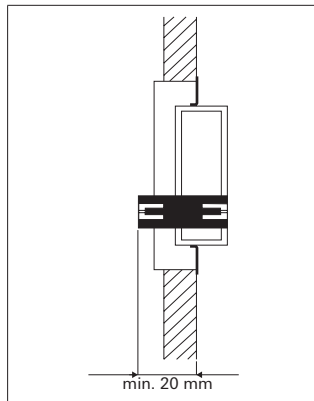
USB gender changer



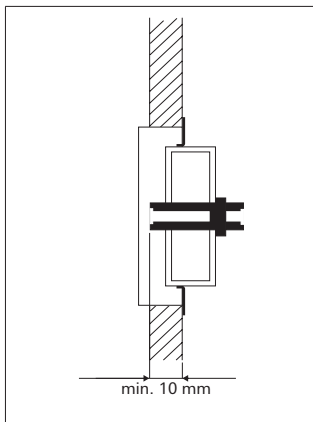
DVI gender changer



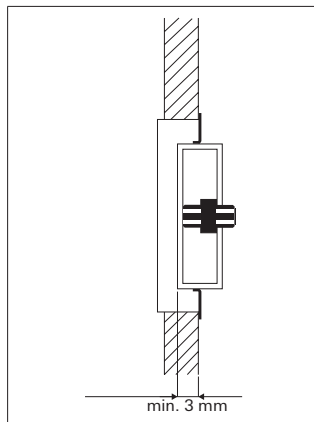
USB gender changer short



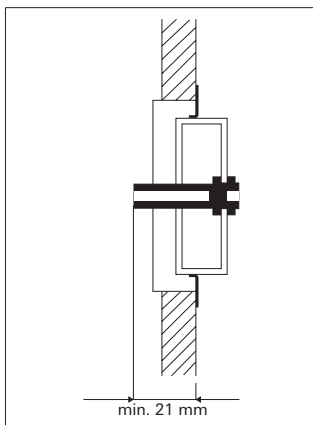
HDMI™ coupler



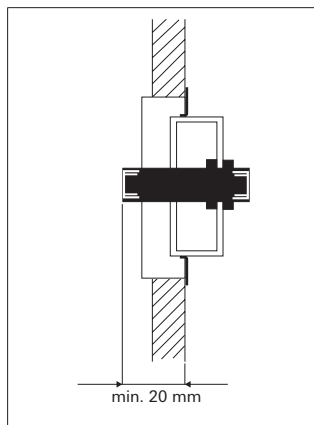
Cinch gender changer



VGA gender changer

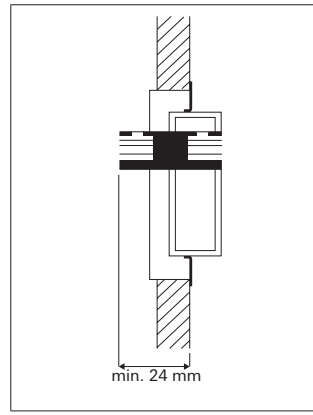


Jack gender changer

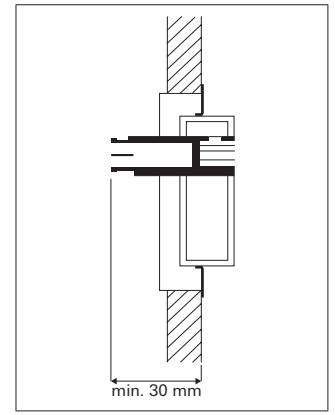


S-video gender changer

Installation depths for devices with gender changer or pin jack



RJ45 Cat. 6_A gender changer



RJ45 Cat. 6_A insulation displacement connection technology

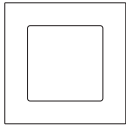
Note on devices with gender changer:
Connection with angled plugs recommended.

The dimensions of the plug and the bending radii must be observed.

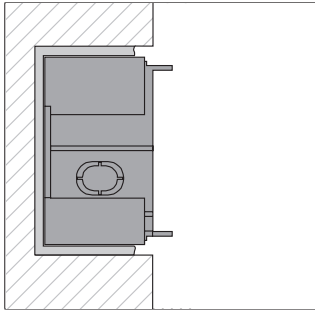
USB and HDMI™ gender changers are not suitable for duct installation.

Installation recommendation:
Installation in deep multimedia box, e.g. Kaiser electronics box 1068-02 (flush-mounted installation) 9062-94 (hollow-wall installation)

Gira E22 / Gira E2

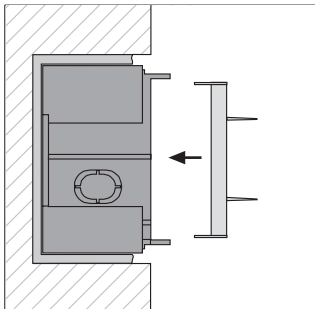


Flat installation in brickwork



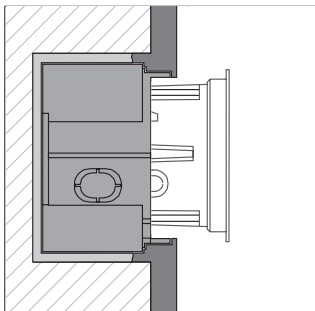
1. Produce a rectangular cut-out, mount the red Gira E22/Gira E2 flush-mounted device box and, for example, secure with plaster.

Important: Observe the note on installation depth.

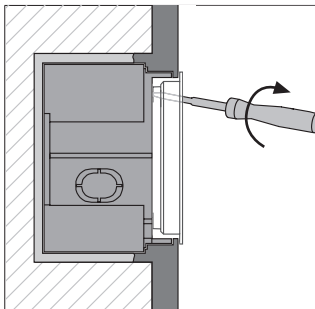


2. Mount the included plaster protection and plaster the wall.

Then remove the plaster protection and cut the box opening clear.

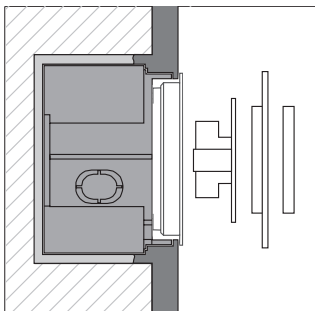


3. Mount the grey Gira E22/Gira E2 flush-mounted device box in the red Gira E22/Gira E2 flush-mounted device box and align.



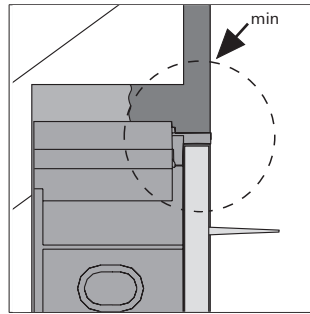
4. The Gira E22/Gira E2 flush-mounted device box is screwed in the flush-mounted device box with claws, like a common hollow-wall box.

The device box can be corrected by up to 3°.



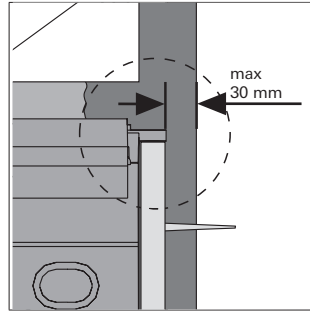
5. The flush-mounted inserts, cover frames and cover plates are installed in the device box in the usual manner.

Installation depth for flat installation in masonry



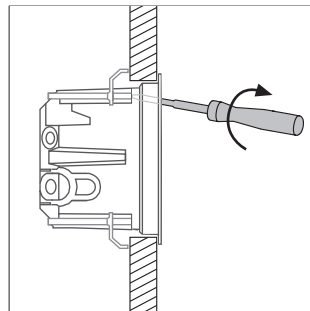
The installation depth of the red flush-mounted device box is based on the subsequent plaster thickness.

Both spacers, which can also be used to position a spirit level, must be completely covered by the plaster.



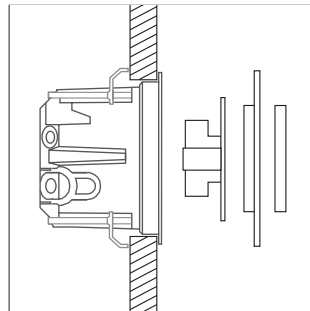
Important: The spacers of the red Gira E22/ Gira E2 flush-mounted device box must not be shortened or removed. Maximum plaster compensation is 30 mm.

Flat installation in hollow wall



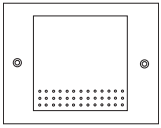
Cut out the rectangular cut-out, mount the grey device box and fasten with claws.

The Gira E22/Gira E2 flush-mounted device box is screwed in the hollow wall with claws, like a common hollow-wall box.

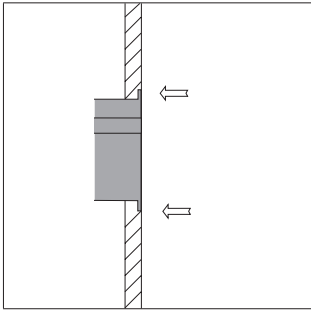


The flush-mounted inserts, cover frames and cover plates are installed in the device box in the usual manner.

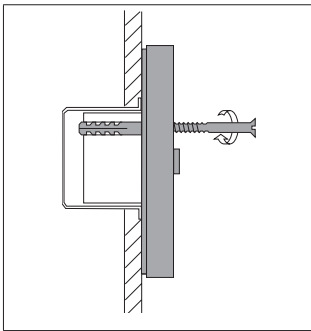
Gira TX_44



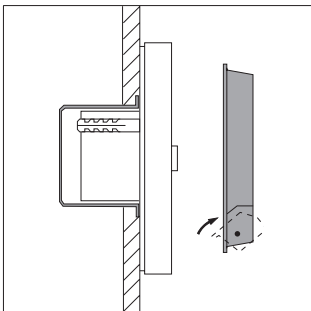
Installation and theft protection



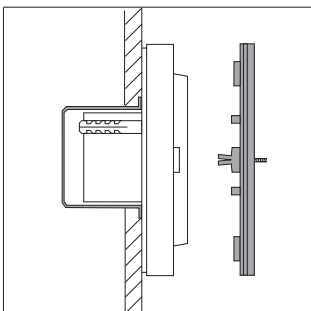
1. Insert flush-mounted wall box flush with wall. Take the 71 mm requirement into account with a multiple combination.



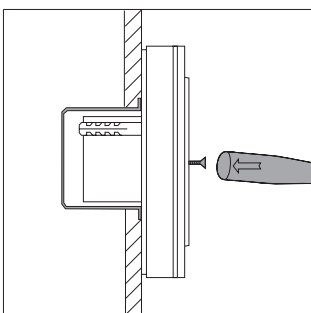
2. Install flush-mounted insert with seal flange. Set cover frame in place and plug to wall if necessary. The small through hole functions as an indicator aid. The thin membrane around this hole is pushed away by the screws. The 2 and 3-gang cover frames also have additional plug holes, to allow selection of the most suitable ones depending on the substrate.



3. Install rocker or central insert. To insert the inscription label, press the label cap up around the turning point (see arrows).

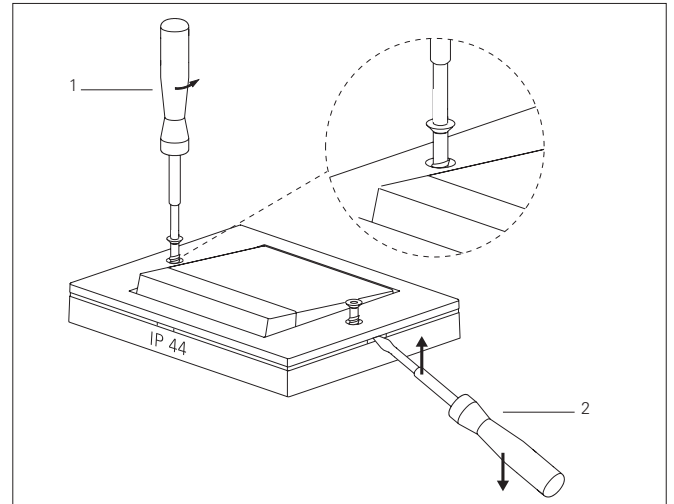


4. Clip on cover plate all around.



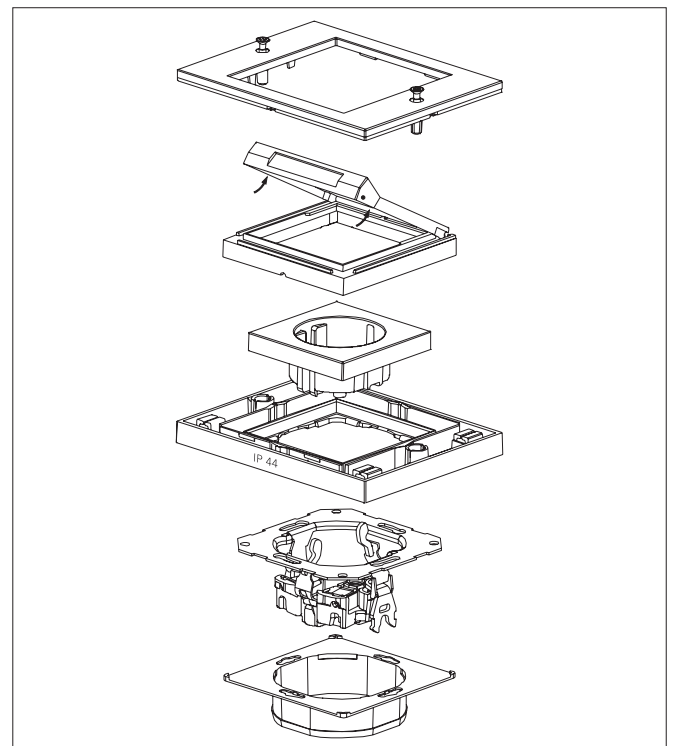
5. Simply press in Torx screws, e.g. with a screwdriver handle.

Disassembly



Disassembly

(1) Loosen Torx screws until the threaded dog point is flush with the cover frame surface, so that the screws do not fall out while the cover plate is being pried open.
(2) Pry open the cover plate.

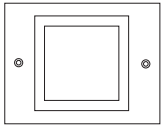


Integration of flush-mounted inserts from System 55

Order no.	Integration in adapter frame with hinged cover Gira TX_44	Integration in adapter frame with transparent hinged cover Gira TX_44	Order no.	Integration in adapter frame with hinged cover Gira TX_44	Integration in adapter frame with transparent hinged cover Gira TX_44	Order no.	Integration in adapter frame with hinged cover Gira TX_44	Integration in adapter frame with transparent hinged cover Gira TX_44
	0654.. 0680.. 0694.. 0697..	0409..		0654.. 0680.. 0694.. 0697..	0409..		0654.. 0680.. 0694.. 0697..	0409..
0102..		•	0268..	•	•	0479..	•	•
0105..		•	0269..		•	0480..		•
0106..		•	0270..	•	•	0485..	•	•
0107..		•	0276..	•	•	0487..	•	•
0108..		•	0279..	•	•	0538..		•
0110 02	•	•	0280..	•	•	0539..		•
0111 02	•	•	0283..	•	•	0540..		•
0112..		•	0284..	•	•	0543..		•
0115 02	•	•	0285..		•	0545..		•
0122..		•	0286..		•	0630..		•
0125..		•	0287..		•	0631..		•
0126..		•	0290..		•	0634..		•
0127..		•	0294..		•	0640..		•
0128..		•	0295..		•	0644..		•
0136..		•	0296..		•	0650..		•
0151..		•	0297..		•	0652..		•
0158..		•	0298..		•	0664..		•
0180..		•	0299..		•	0665..		•
0183..		•	0300..		•	0666..		•
0188..	•	•	0302..		•	0669..		•
0191..		•	0306..		•	0670..		•
0209..		•	0307..		•	0673..		•
0216..		•	0309..		•	0674..		•
0217..		•	0333..		•	0676..		•
0218..		•	0385..		•	0677..		•
0225..		•	0391..		•	0678..		•
0226..		•	0392..		•	0679..		•
0227..		•	0393..		•	0815..		•
0228..		•	0394..		•	0816..		•
0229..		•	0396..		•	0820..		•
0231..		•	0397..		•	0822..		•
0232..		•	0402..	•	•	0841..		•
0233..		•	0405..	•	•	0860..	•	•
0234..		•	0408..		•	0869..	•	•
0235..		•	0418..	•	•	0876..	•	•
0237..		•	0420..	•	•	1011 100	•	•
0238..		•	0425..	•	•	1013 100	•	•
0239..		•	0449 02	•	•	1104..		•
0241..		•	0451..		•	1111 100	•	•
0242..		•	0452..	•	•	1113 100	•	•
0244..		•	0453..	•	•	1150..		•
0246..		•	0455 02	•	•	1151..		•
0247..		•	0456 02	•	•	1164..		•
0256..		•	0457..	•	•	1165..		•
0257..		•	0458..	•	•	1166..		•
0258..	•	•	0462..	•	•	1168..		•
0259..	•	•	0466..	•	•	1171 00		•
0260..	•	•	0472 02	•	•	1173..		•
0264..		•	0473 02	•	•	1174..		•
0266..		•	0474 02	•	•	1175..		•

Order no.	Integration in adapter frame with hinged cover Gira TX_44	Integration in adapter frame with transparent hinged cover Gira TX_44	Order no.	Integration in adapter frame with hinged cover Gira TX_44	Integration in adapter frame with transparent hinged cover Gira TX_44	Order no.	Integration in adapter frame with hinged cover Gira TX_44	Integration in adapter frame with transparent hinged cover Gira TX_44
	0654.. 0680.. 0694.. 0697..	0409..		0654.. 0680.. 0694.. 0697..	0409..		0654.. 0680.. 0694.. 0697..	0409..
1176..		•	2756 02	•	•	1163..	Adapter frame with insertable cover cap (55 x 55mm) (IP20) for e. g. plug-and-socket outlets from System 55. Using this adapter frame with insertable cover cap (55 x 55mm) and cover frame (1 to 4-gang), plug-and-socket outlets of System 55 can be integrated in Gira TX_44. Using the adapter frame with square cut-out (50 x 50mm) 0282.., devices from other manufacturers can also be integrated. Not suitable for moisture-proof installation, due to protection type IP20. Sampling the products is strongly advised.	
1177..		•	2757 02	•	•			
1179..		•	2758 02	•	•			
1182..		•	2759 02	•	•			
1186..		•	2760..		•			
1190..	•	•	2761..		•			
1280..		•	2765..		•			
1283 100		•	2766..		•			
1285 100		•	2770..		•			
1286..		•	2852..		•			
1308..		•	2862..		•			
1309..		•	5101 00		•			
2001..	•	•	5103 00		•			
2003..	•	•	5331..		•			
2100..		•	5333..		•			
2101 100		•	5360..		•			
2131 100	•	•	5361..		•			
2133..	•	•	5363..		•			
2142..	•	•	5366..		•			
2228..		•	5367..		•			
2238..		•	5490..		•			
2260..		•	0289..	Adapter frame with square cut-out (55 x 55mm) (IP20) Using this adapter frame and cover frame (1 to 4-gang), products from System 55 can be integrated in Gira TX_44. (Hotel-card button, RCD-protected socket outlet, data interface, data cap, insertable cover cap and home station with receiver cannot be integrated in these adapter frames.) Not suitable for moisture-proof installation, due to protection type IP20.				
2261..		•						
2280..		•						
2282..		•						
2284..		•						
2315..		•						
2316..		•						
2359..		•						
2370..		•						
2385..		•						
2421..		•						
2422..		•						
2430 100		•						
2640..		•						
2648..		***						
2664..		•						
2672..		•						
2673..		•						
2674..		•						
2677..		•						
2681..		•						
2682..		•						
2683..		•						
2721..		•						
2725 02		•						
2726 02		•						
2727..		•						
2728 02		•						
2755..	•	•						

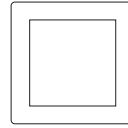
* Suitable for all multimedia inserts except 5630, 5665, 5666 and 5668..



LED orientation light 230 V
 Order No. 1161.. (white)
 Order No. 1162.. (blue)

Technical data

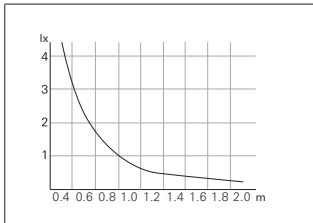
Power supply:	AC 230 V~, 50 Hz
Connected load:	5.6 VA
Effective output:	0.85 W
Light current:	
White	3.5 Lm
Blue	1.3 Lm
Light intensity:	
White	0.8 cd
Blue	0.3 cd
Light efficiency:	
White	4.0 Lm/W
Blue	1.5 Lm/W
Luminance:	
White	330 cd/m ²
Blue	130 cd/m ²
Protection type:	IP 44 (installation with seal ring in a flush-mounted installation box) IP 20 (installation in a light outlet box)
Operating temperature:	-15°C to +50°C



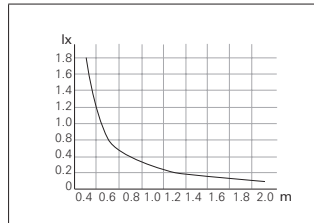
LED orientation light 230 V
 Order No. 1169 00 (RGB)
 Order No. 2361 00 (white)

Technical data

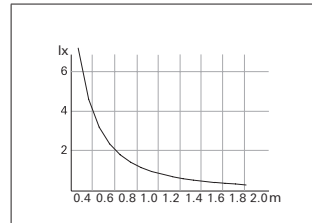
Power supply:	AC 230 V~, 50 Hz
Connected load:	
RGB	2.0 VA
White	8.5 VA
Effective output:	
RGB	1.8 W
White	1.7 W
Light current:	
RGB	4.0 Lm
White	7.0 Lm
Light intensity:	
RGB	1.2 cd
White	2.2 cd
Light efficiency:	
RGB	2.2 Lm/W
White	4.1 Lm/W
Luminance:	
RGB	130 cd/m ²
White	600 cd/m ²
Protection type:	IP20
Operating temperature:	-15°C to +40°C



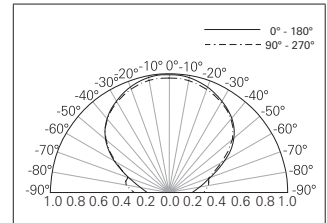
Brightness distribution in main beam direction 1161.. (White LED)



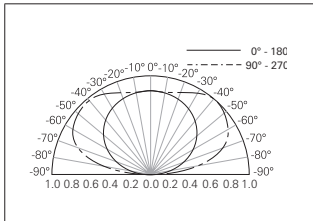
Brightness distribution in main beam direction 1162.. (Blue LED)



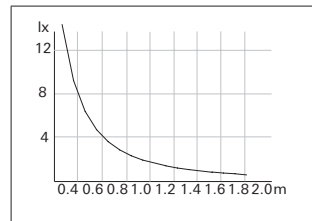
Brightness distribution in main beam direction 1169 00



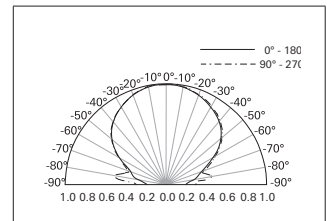
Radiation characteristic in polar coordinates 1169 00



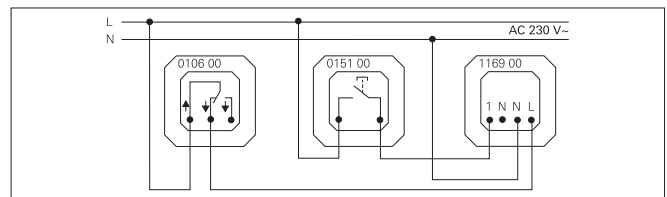
Radiation characteristics in polar coordinates



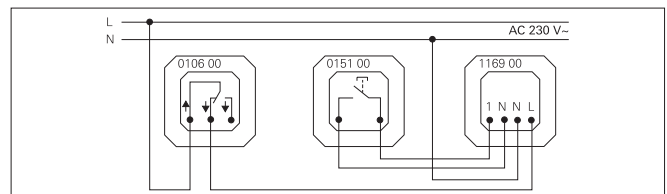
Brightness distribution in main beam direction 2361 00



Radiation characteristic in polar coordinates 2361 00

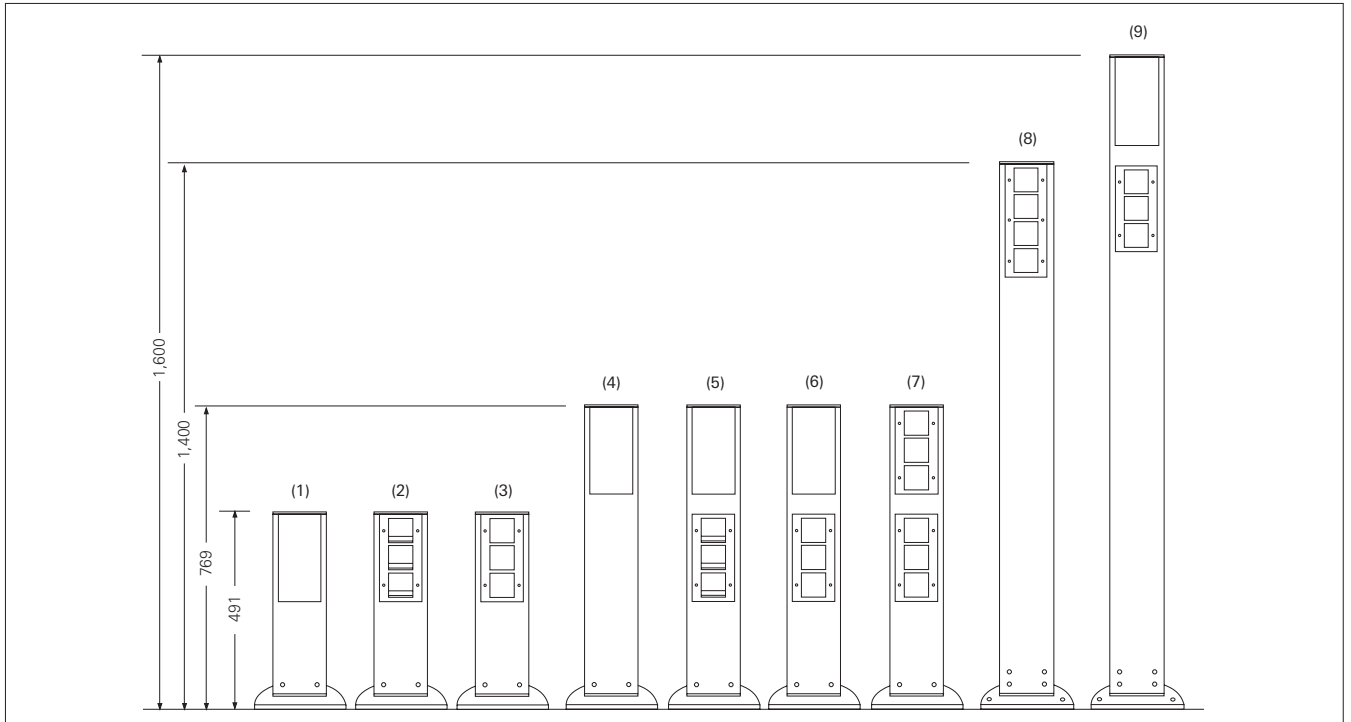


Connection for LED orientation light 1169 00. Phase to control input 1.



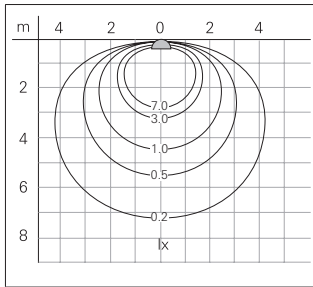
Connection for LED orientation light 1169 00. Neutral conductor to control input 1.

Gira energy profile and light profiles

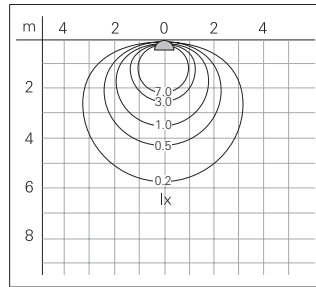


Gira energy profile, Height 491 mm

- (1) Gira light profile
- (2) Gira energy profile
- (3) Gira energy profile with 3 empty units



Light source: TC-TSE 20 W/827 Light point height above ground: 0.363 m



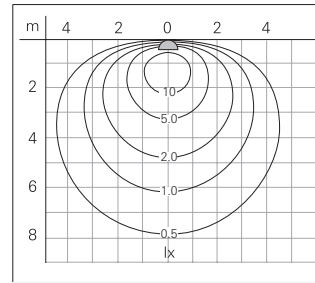
Light source: TC-DSE 11 W/827 Light point height above ground: 0.363 m

Gira energy profile, Height 1400 mm

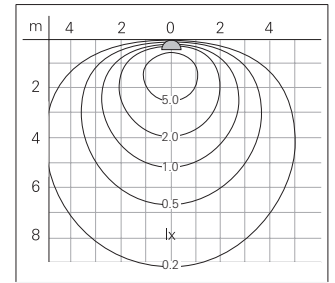
- (8) Gira energy profile with 4 empty units

Gira energy profile, Height 1600 mm

- (9) Gira energy profile with light element and 3 empty units



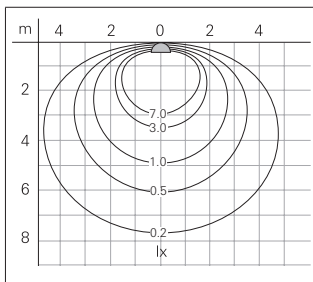
Light source: TC-DSE 20 W/827 Light point height above ground: 1.52 m



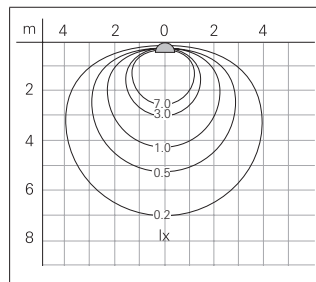
Light source: TC-DSE 11 W/827 Light point height above ground: 1.52 m

Gira energy profile, Height 769 mm

- (4) Gira light profile
- (5) Gira energy profile with light element
- (6) Gira energy profile with light element and 3 empty units
- (7) Gira energy profile with 6 empty units

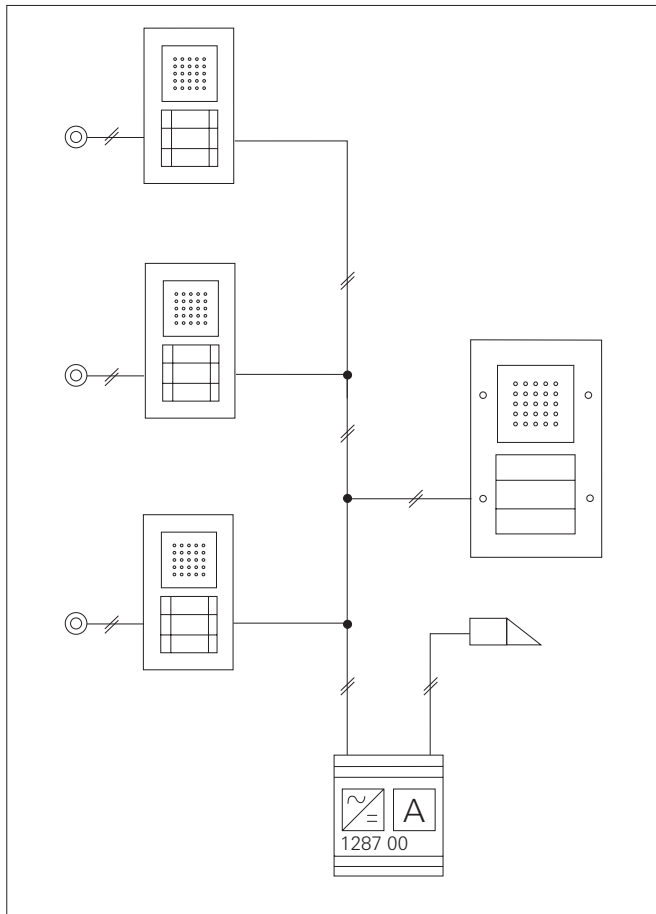


Light source: TC-TSE 20 W/827 Light point height above ground: 0.363 m

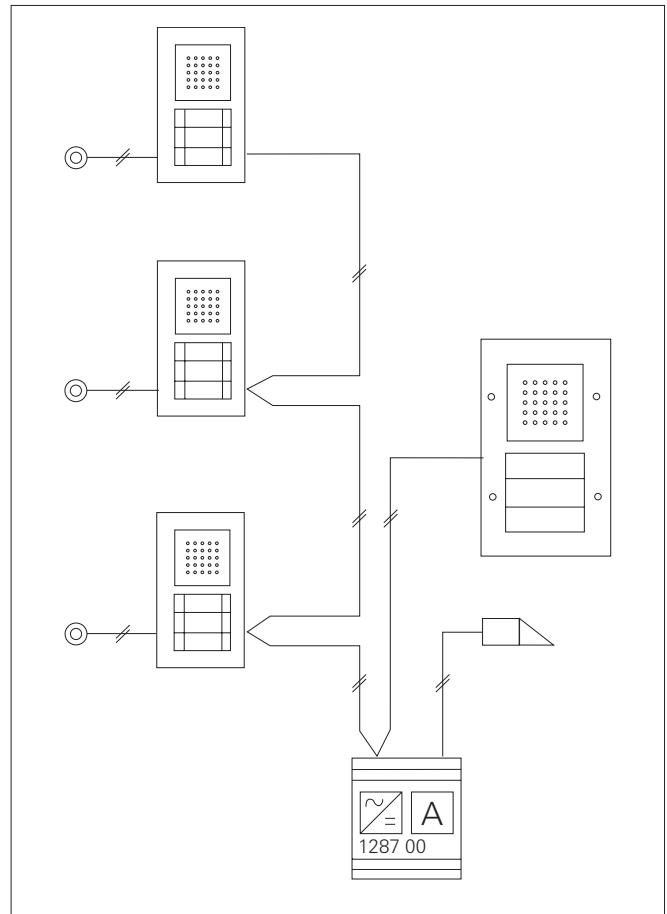


Light source: TC-DSE 11 W/827 Light point height above ground: 0.363 m

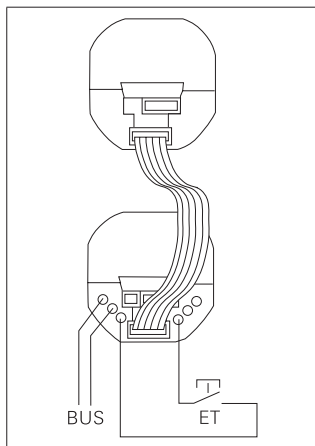
Audio



"Branch line" solution

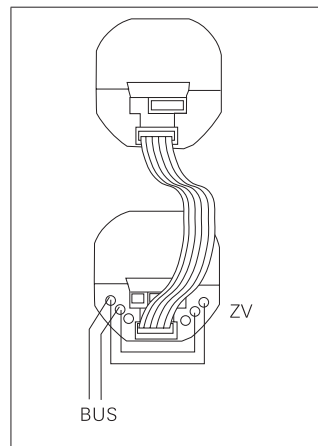


"Loop-through" solution



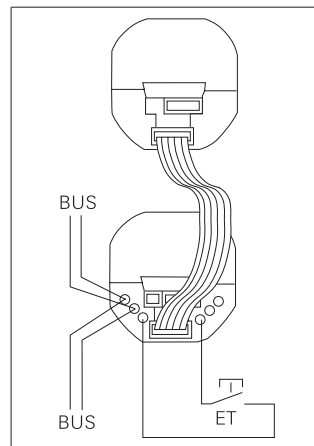
Connection of home stations with the "branch line" solution

Floor call button (ET)
A standard button (NO contact) is used as the floor call button (ET).



Connection of the door station with the "branch line" solution

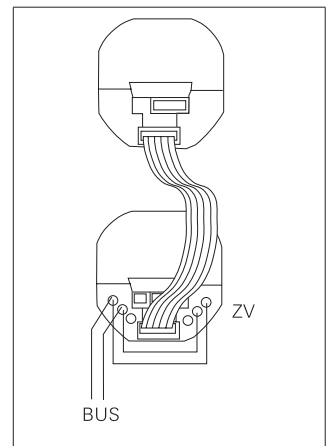
Call-button illumination
The call-button illumination of a door station audio can be switched off by removing the jumper between BUS and ZV.



Connection of home stations with the "loop-through" solution

Cable lengths for audio components
The maximum total cable length (distributed among several cable lines) is 700m.

A maximum of 30 devices may be connected to each cable section.

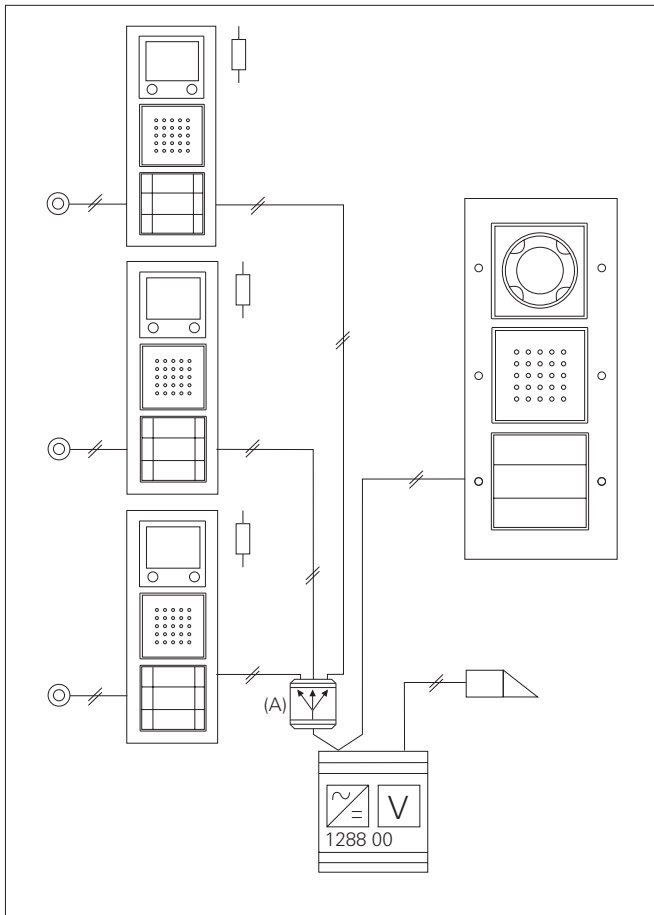


Connection of the door station with the "loop-through" solution

The maximum cable lengths of the individual sections (from the control unit to the last device) are dependent on the cable diameter used. The cable lengths for audio components are:

- 0.6 mm diameter: 170 m,
- 0.8 mm diameter: 300 m.

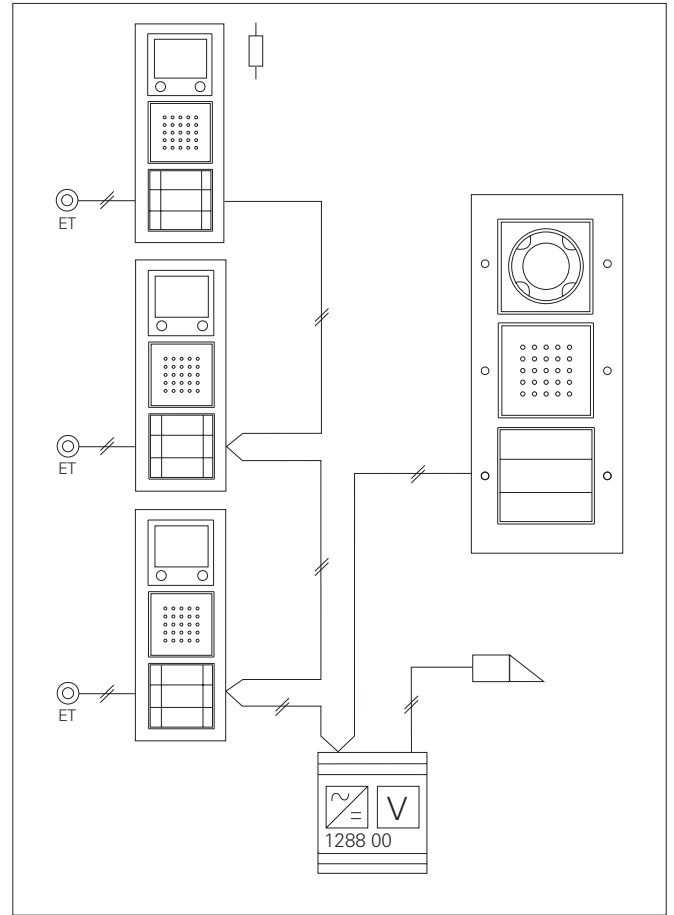
Video



“Branch line” solution. (A) = video distributor order no.: 1226 00.

“Branch line” solution.

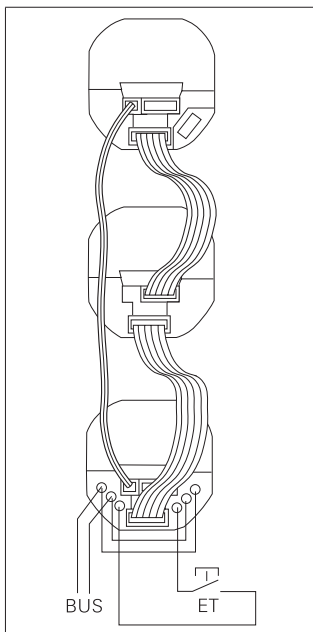
A video distributor must be used at the node to realise defined line termination.



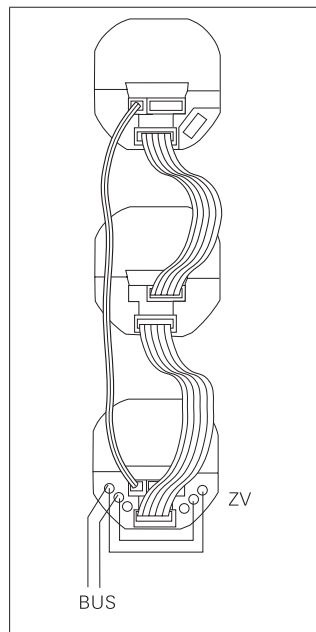
“Loop-through” solution

“Loop-through” solution.

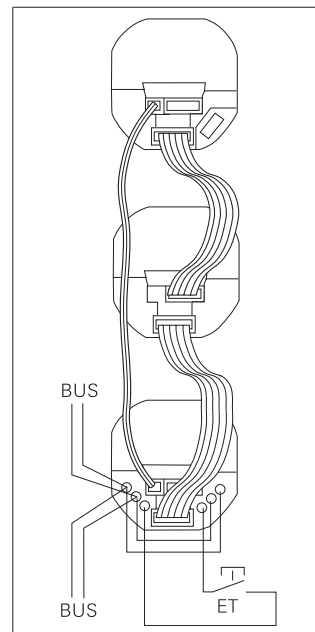
In the topology presented, a video distributor is not required when looping through the 2-wire bus. In some installation scenarios, a video distributor is required with a “loop-through”, e.g. if several colour cameras are used.



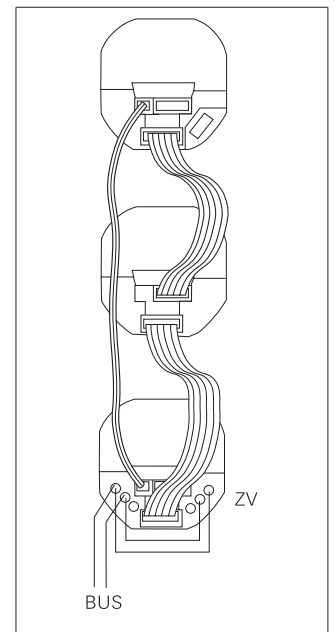
Connection of home stations with the “branch line” solution



Connection of the door station with the “branch line” solution



Connection of home stations with the “loop-through” solution

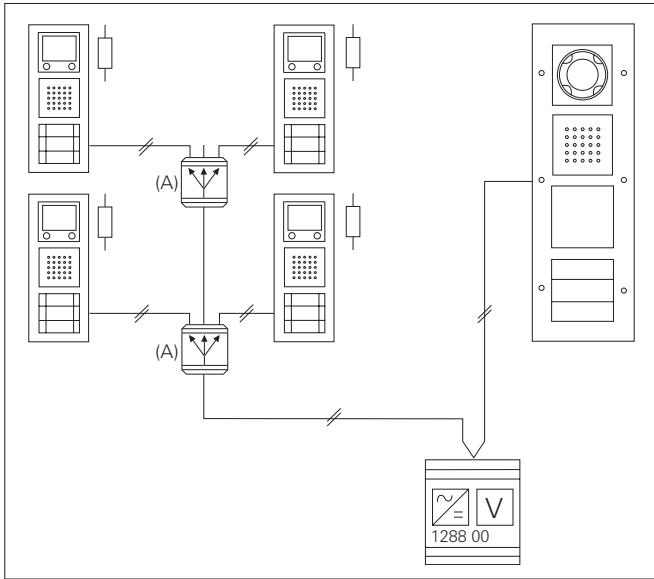


Connection of the door station with the “loop-through” solution

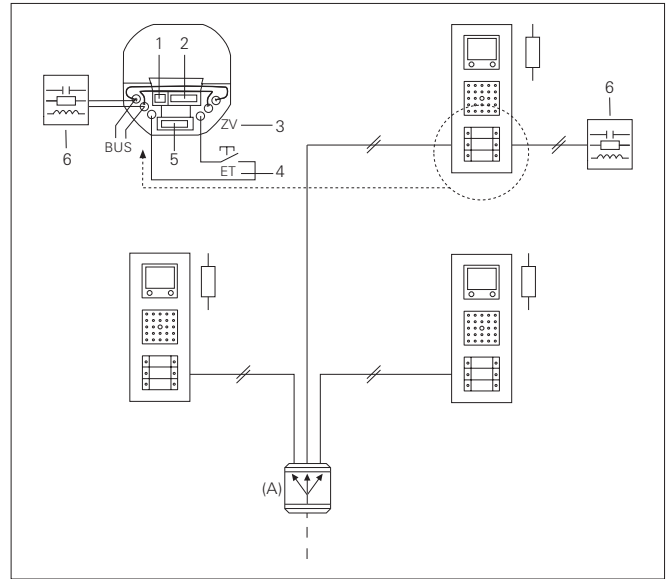
Cable lengths for video components

Without a video amplifier, the maximum cable length from the first camera to the last home station is 100 or 150 m (for 0.6 or 0.8 mm wire diameter).

Rules for the configuration of the terminating resistance and for use of the video distributor



(A) = video distributor order no.: 1226 00.



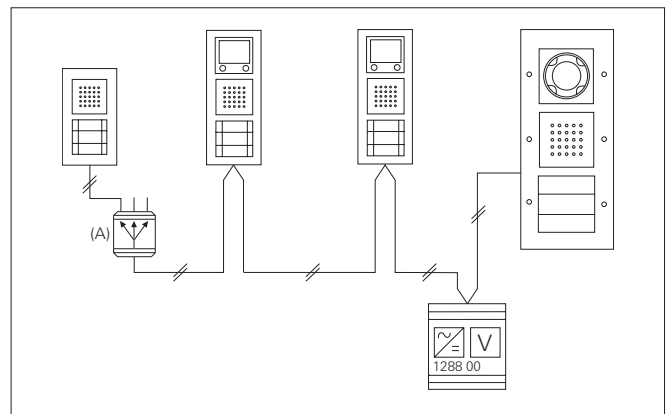
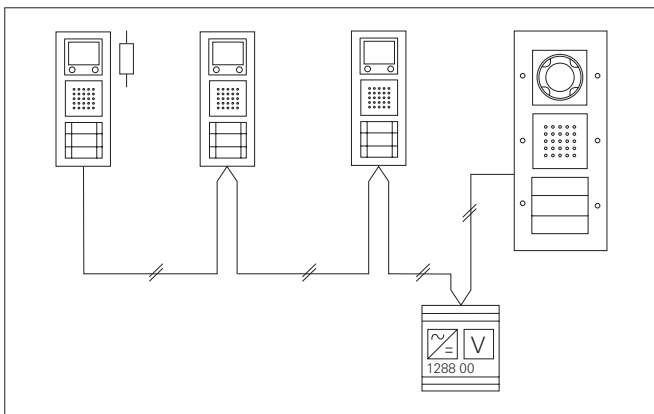
(A) = video distributor order no.: 1226 00.
 1 = video, 2 = system, 3 = additional supply, 4 = floor call button,
 5 = system, 6 = data terminal element

Always activate terminating resistance at the branch end.

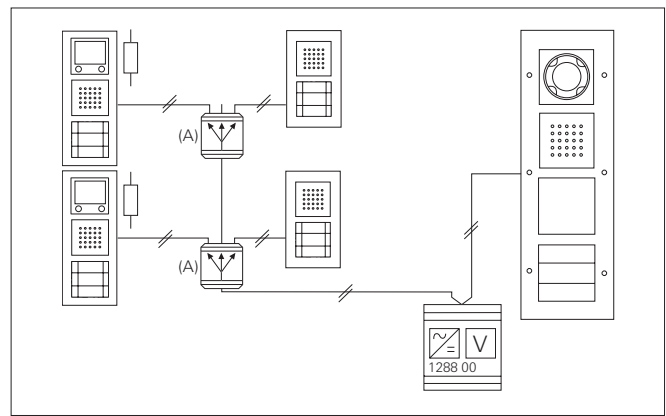
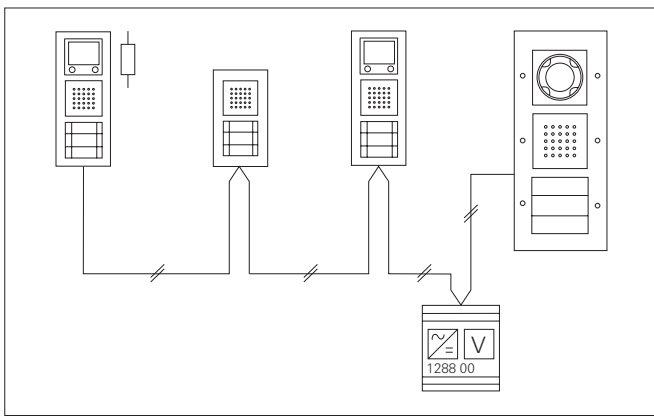
Activate the terminating resistance at the TFT display for home stations located at the branch end.

Terminating element

A terminating element is included in the scope of supply of the video distributor. See page 616 regarding the use of the terminating element.



(A) = video distributor order no.: 1226 00.



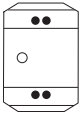
(A) = video distributor order no.: 1226 00.

For loop-through, activate the terminating resistance of the last home station.

Home stations without the video function can simply be integrated into the section and do not affect the setting of the last home station.

A video distributor is required with an audio home station at the branch end.

If a home station without the video function is located at the end of a cable section, a video distributor must be inserted.



Video amplifier
Order No. 1222 00

Technical data

Ambient temperature: -25°C to +70°C
 Port: Screw terminals
 Dimensions (W x H x D): 36 x 52 x 27 mm
 Installation:
 - surface-mounted in surface-mounted junction box
 - flush-mounted in deep flush-mounted device box
 - on a top-hat rail using included DRA adapter

Device description

The video amplifier is used to extend the range of Gira door communication systems with video function.

The video amplifier increases the volume of the incoming video signal to the maximum permissible bus volume and outputs it at the output of the device. In doing so, the line attenuation from the source of the video signal to the input of the video amplifier is compensated.

With a video amplifier, the cable length between the door and home station can be extended by 100 or 150 m to a maximum of 300 m.

Connection terminals:

Bus_IN

Connection for the incoming video signal from door stations with video function, DCS-camera-gateways or DCS-IP-gateways.

Because the video signal in the video amplifier is only routed in one direction from Bus_IN to Bus_OUT, all devices which emit a video signal must be connected to Bus_IN via the Gira 2-wire bus.

Bus_OUT

Connection of the video amplifier to home stations with video function. The video signal is forwarded in amplified state via Bus_OUT.

Cable lengths

In systems with video components, the maximum total line length is 300 m (distributed over several cable sections).

Without a video amplifier, the maximum cable length from the first camera to the last home station is 100 or 150m (for 0.6 or 0.8mm wire diameter).

With a video amplifier, the maximum cable length from the first camera to the last home station is 200 or 300m (for 0.6 or 0.8mm wire diameter). However, the maximum line lengths (from the control unit to the last device) may not be exceeded.

Maximum line lengths with video components from the control unit to the last device (when using the video amplifier):

- 100 m with 0.6 mm wire diameter
- 150 m with 0.8 mm wire diameter

A maximum of 16 video devices may be connected to a cable section.

Note

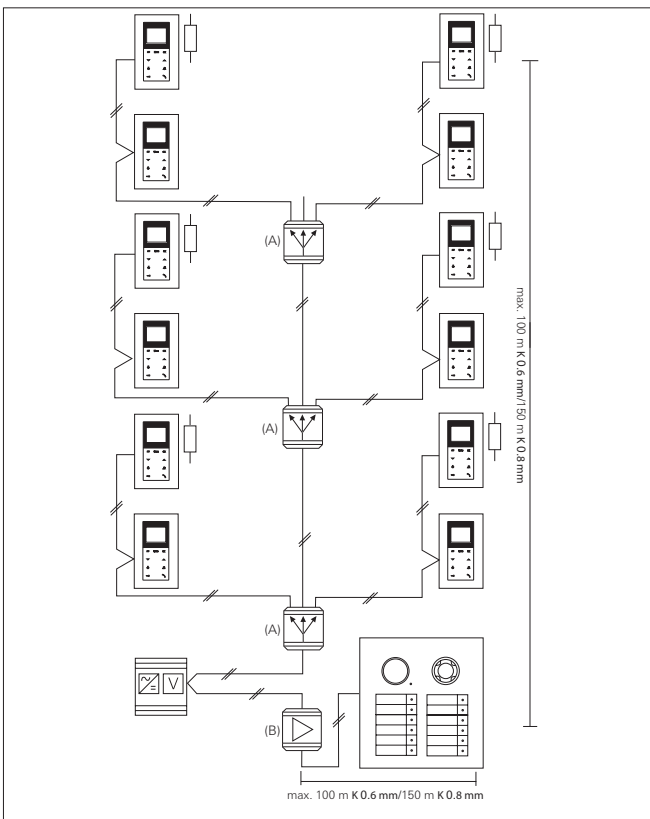
The video control unit can supply up to 31 devices with electricity (e. g. 28 home stations, 2 door stations with colour camera, 1 video amplifier). The number of devices depends on the number of simultaneously called up home stations with video function:

Home stations video per residential unit	1	2	3
Residential units	28	12	6
Home stations	28	24	18

The following rules apply:

- A maximum of 16 devices can be connected to each cable section.
- The video amplifier counts as 1 device.
- A maximum of 15 video distributors including video multiplexers can be used in one system.

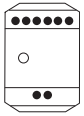
The lengths specified in this example are the maximum line lengths per section.



(A) = video distributor order no.: 1226 00.

(B) = video amplifier order no.: 1220 00.

Example system with 12 home stations and specification of cable lengths.



Video distributor
Order No. 1226 00

Technical data

Ambient temperature:	-25°C to +70°C
Port:	Screw terminals
Dimensions (W x H x D):	36 x 52 x 27 mm
Installation:	- surface-mounted in surface-mounted junction box - flush-mounted in deep flush-mounted device box - on a top-hat rail using included DRA adapter

Device description

The video distributor distributes the video signal of the door stations, DCS-camera-gateways, and DCS-IP-gateways to the home stations. The video distributor is required when the cable routing in the door communication system is carried out as a branch line.

The video distributor is cascadable. A total of up to 15 video distributors including video multiplexers can be installed in one system.

Connection terminals:

Bus_IN

Connection for the incoming video signal from door stations with video function, DCS camera gateways or DCS IP gateways.

Because the video signal in the video distributor is only routed in one direction from Bus_IN to Bus_OUT, all devices which emit a video signal must be connected to Bus_IN via the Gira 2-wire bus.

Bus_OUT

Connection of the video distributor to home stations with video function.

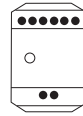
Terminating element

A terminating element is included with delivery of the video distributor. The following rules apply to the use of the terminating element:

- A terminating element is required if a system is operated with more than ten devices with a BUS_IN/BUS_OUT terminal (e.g. video distributor, video amplifier, video multiplexer, DCS-camera-gateway, or DCS-IP-gateway).
- The terminating element is connected to the door and home stations which are located at the line end.
- The terminating element is connected to the BUS terminals parallel to the 2-wire bus.
- The terminating resistance is set to "YES" in the start-up menu of the home stations with a terminating element.

A maximum of three terminating elements may be installed in one system. If there are more than three sections in a system, the following rules apply:

- The terminating element is installed in the three sections with the most devices with a BUS_IN/BUS_OUT terminal.
- For the same number of devices in the sections, the longest section is provided with a terminating element.



Video multiplexer
Order No. 1224 00

Technical data

Ambient temperature:	-25°C to +70°C
Port:	Screw terminals
Dimensions (W x H x D):	36 x 52 x 27 mm
Installation:	- surface-mounted in surface-mounted junction box - flush-mounted in deep flush-mounted device box - on a top-hat rail using included DRA adapter

Device description

The video multiplexer bundles the video signal of door stations, DCS-camera-gateways and DCS-IP-gateways. A video multiplexer can bring the video signals from three cameras together. Using two video multiplexers, the video signals from up to five devices can be brought together.

If more than five cameras should be integrated in the Gira door communication system, the DCS-camera-gateways must be "looped through".

Connection terminals:

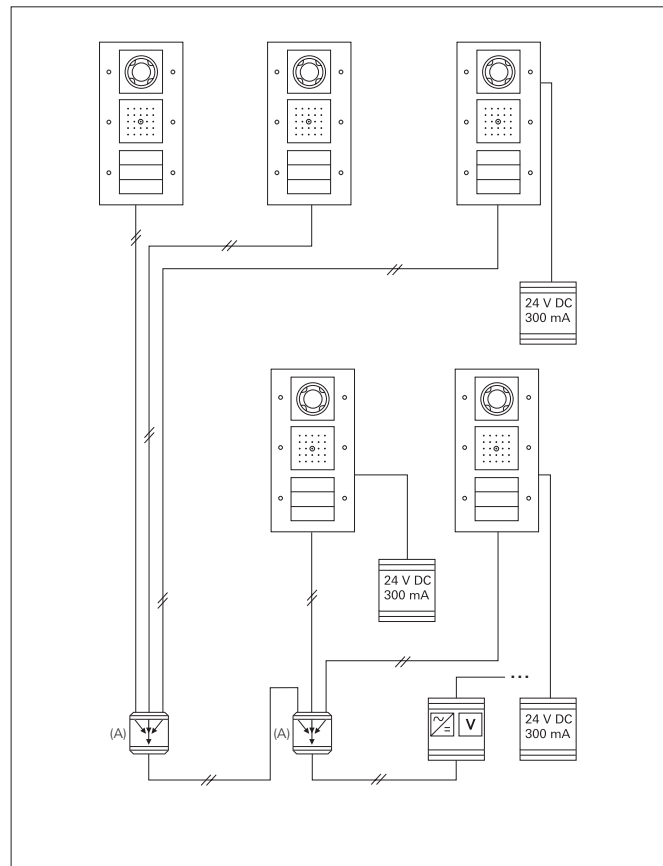
Bus_IN

Connection for the incoming video signal from door stations with video function, DCS camera gateways or DCS IP gateways.

Because the video signal in the video multiplexer is only routed in one direction from Bus_IN to Bus_OUT, all devices which emit a video signal must be connected to Bus_IN via the Gira 2-wire bus.

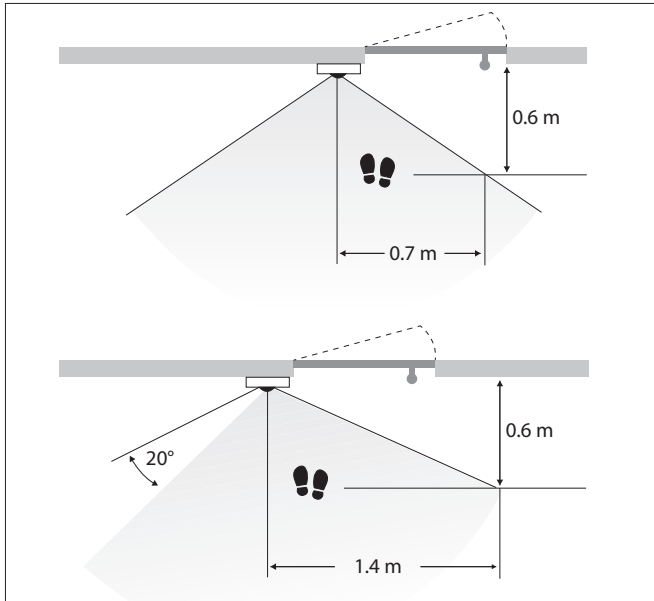
Bus_OUT

Connection of the video multiplexer to the video control unit or another video multiplexer.

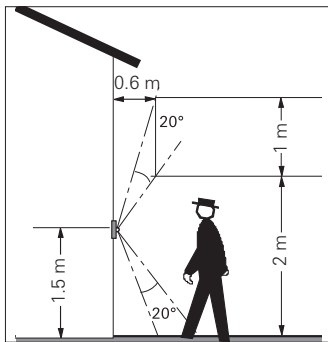


(A) = video multiplexer order no.: 1224 00
Example: Connection of five cameras

Detection range of the colour camera



The camera lens can be manually adjusted approx. 20° in all directions.



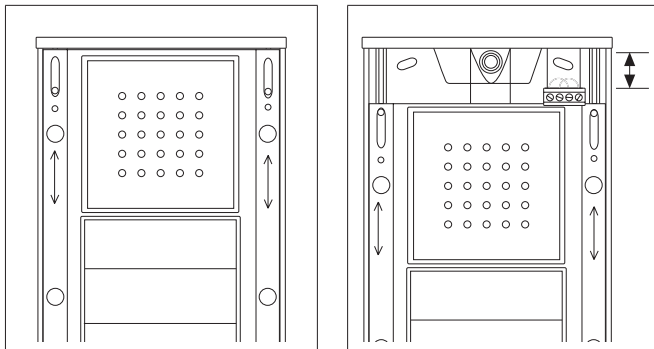
Horizontal detection range

The following items are to be noted when positioning a door station with colour camera.

Avoid:

- direct sunlight
- direct backlighting, e. g. via outdoor or street illumination
- bright or reflective image backgrounds
- installing the colour camera directly below a light source

Surface-mounted door station



Surface-mounted door station, 2 or 3-gang

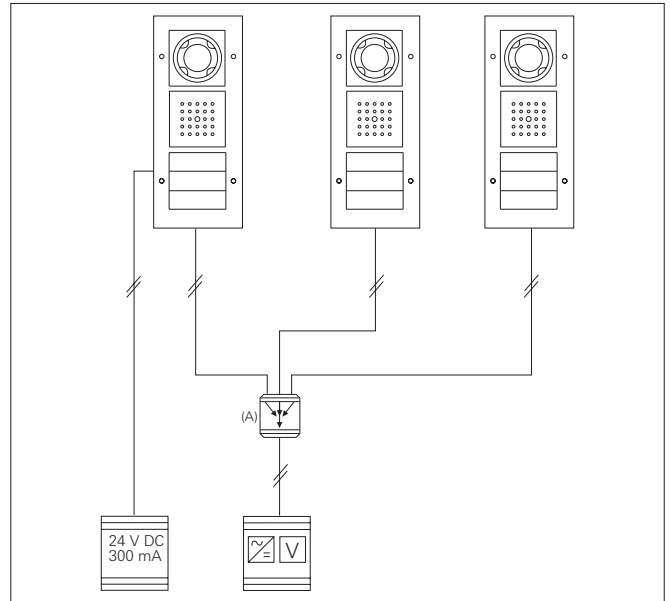
Surface-mounted door station, 2 or 3-gang with shifted PCB

To obtain installation space, the device PCB of the surface-mounted door stations can be pushed downwards.

Important

The device PCB may not be pulled out of the housing completely.

Use of several colour cameras



Connection of several colour cameras. (A) = video multiplexer order no.: 1224 00.

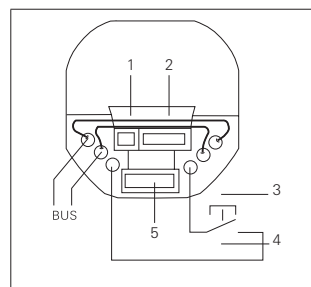
Video multiplexer

The video multiplexer bundles the video signals of door stations and DCS-camera-gateways. A video multiplexer can bring the video signals from three cameras together. Using two video multiplexers, the video signals from up to five door stations with colour cameras can be brought together.

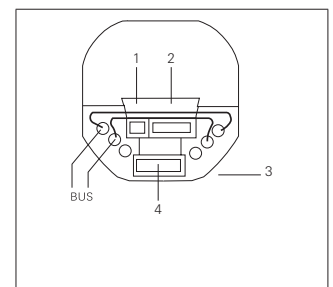
Power supply

With certain system configurations (several parallel door and home stations with video function), it is necessary to supply a door station with a colour camera via the power supply. Two colour cameras can be supplied via the video control unit. The third colour camera requires an additional power supply.

Bus coupler for door communication



Bus coupler of a home station with TFT display.
1 = video, 2 = system, 3 = additional supply, 4 = floor call button, 5 = system



Bus coupler of a door station with colour camera
1 = video, 2 = system, 3 = additional supply, 4 = system

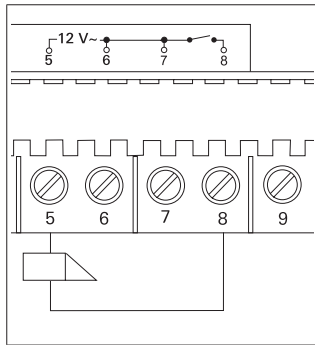
Bus coupler jumpers

When operating the TFT display, the accompanying wire jumpers must be connected between BUS and ZV at the bus coupler of the home station.

Bus coupler jumpers

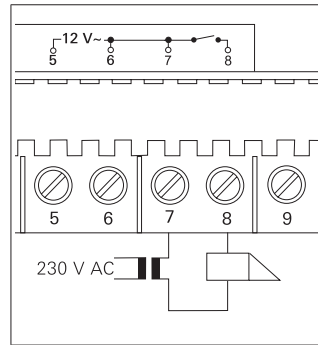
The call-button illumination at the door station is supplied by the included wire jumpers. When operating the colour camera, the wire jumpers must be connected between BUS and ZV at the bus coupler of the door station. Thus the call-button illumination cannot be deactivated in this case.

Door opener on the audio control device



Connection of a door opener (12V, max. 1.6A) to the audio control device

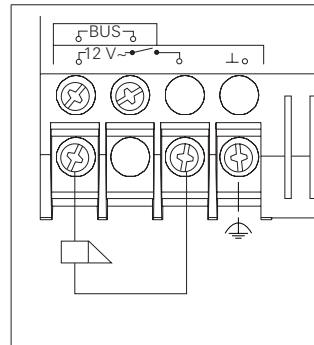
The door opener is supplied with power via the audio control device.



Connection of a door opener with external power supply (e. g. AC 24V) to the audio control unit

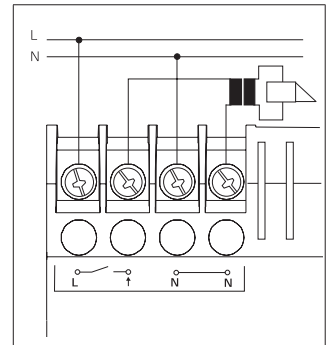
The door opener is supplied with power via an additional transformer.

Door opener on the video control device



Connection of a door opener (8–12V, max. 1.1 A) to the video control unit

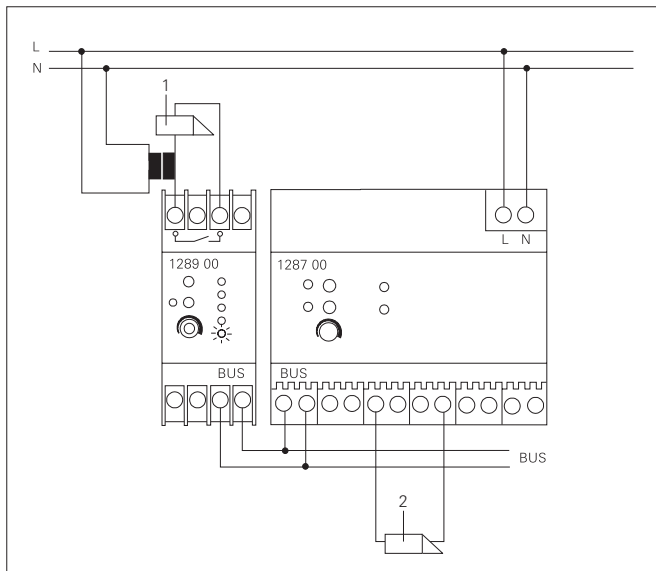
The door opener is supplied with power via the video control device.



Connection of a door opener with external power supply (230V~, max. 2A) to the video control unit

The door opener is supplied with power via an additional transformer.

Door opener at switching actuator



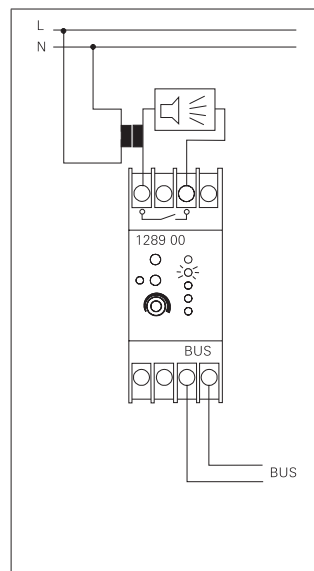
Connection of a door opener to the switching actuator
1 = door opener of the back/side door, 2 = door opener of the main door

The door opener connected to the switching actuator is assigned to the "back/side" door's door station. The door opener for the "main" door is operated via the control device.

In the "Door opener" operating mode, the switching actuator of the door opener button of the home station is operated.

The door opener connected to the switching actuator can then only be activated via the home station's door opener button if a door call was initiated beforehand from the door station of the "side/back" door. It is switched to the "main" door 2 minutes after the door call (with no conversation) or 30 seconds after the door conversation.

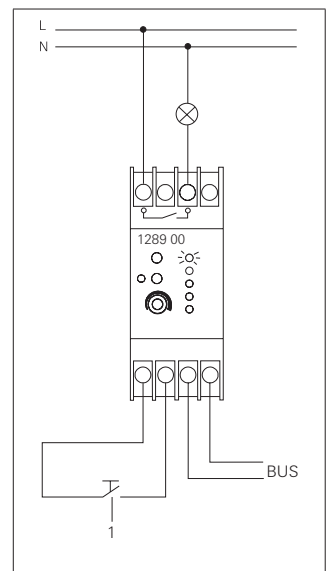
Switching actuator applications



Connection of an additional signal transmitter

"Additional signalling" example

In parallel with the door call at the home station, additional signalling (external bell, vibrating pad etc.) is to be triggered after the call button is pressed. In this case, the "Timer/sec." operating mode is selected at the switching actuator.

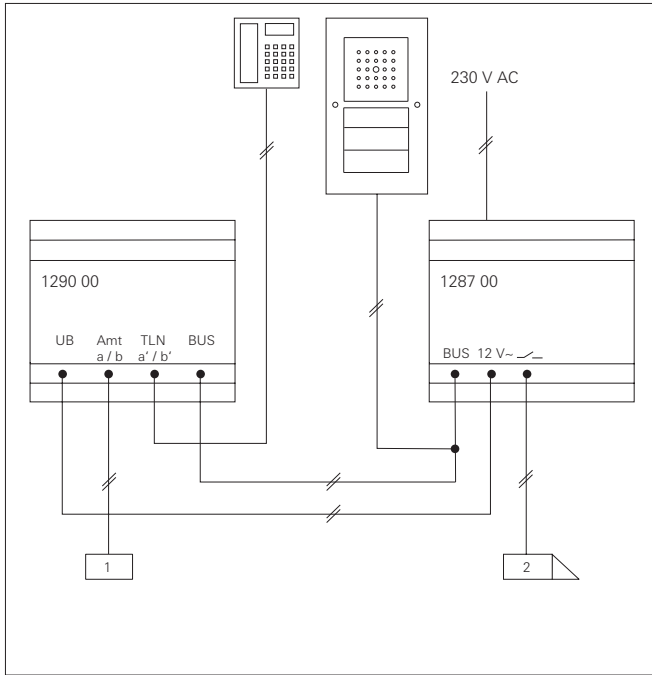


Connection of a light
1 = mechanical button

"Switching lighting" example

The lighting can be switched on and off either via a home station's call button or via the mechanical button. In this case, the "Switching" operating mode is selected at the switching actuator.

TC-gateway on analogue telephone connection



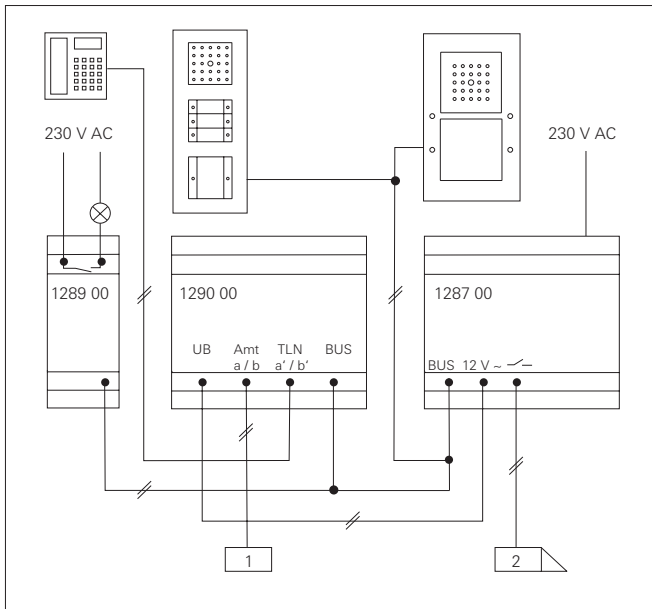
Connection to the analogue exchange connection
1 = telephone connection, 2 = door opener

With use on an analogue telephone connection, an analogue telephone is connected to the "TLN" port. All door calls are forwarded to the connected telephone. In addition, door calls can be forwarded to an external phone number (e. g. a mobile phone).

A conversation can then be held with the person at the door station via the external telephone, and, if necessary, the door can be opened.

ISDN

With an ISDN connection, attach the exchange connection of the TC-gateway to the analogue AB port of the ISDN system.

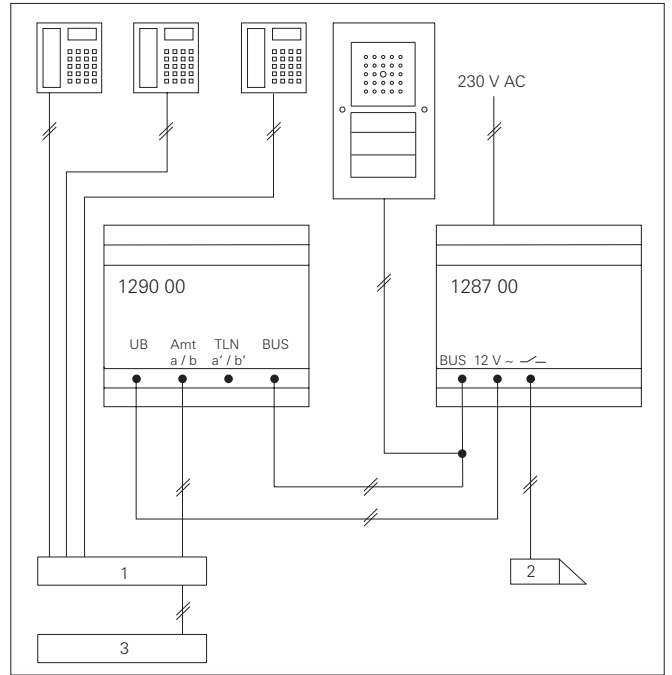


TC-gateway in a single-family home
1 = telephone connection, 2 = door opener

Application example single-family home

The single-family home has a door station, a home station with an additional call button, a switching actuator, which switches the outdoor lighting and a TC-gateway. The TC-gateway is attached to the analogue telephone connection.

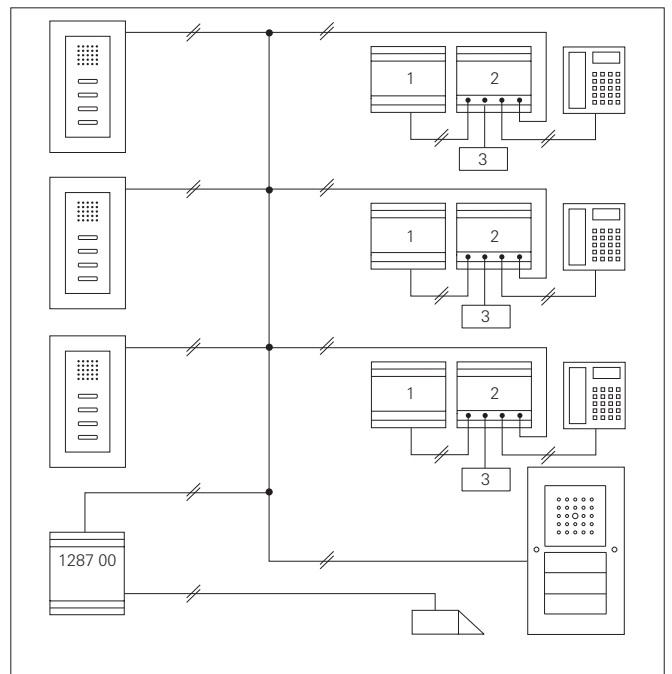
TC-gateway on a telephone system



Connection to a telephone system
1 = telephone system, 2 = door opener, 3 = telephone connection

When operating the Gira TC-gateway on the analogue auxiliary unit of a telephone system, the range of features and the behaviour of the individual devices depend on the telephone system.

In auxiliary unit operation, all door calls are forwarded via the exchange terminal of the TC-gateway to the telephone system and then distributed to the connected telephones from there.

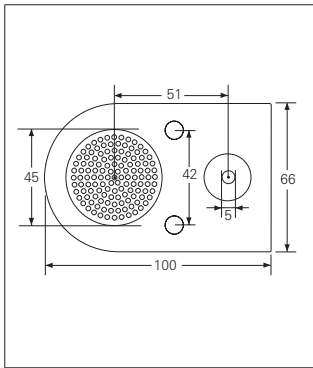


TC-gateways in a multi-family home
1 = additional supply, 2 = TC-gateway, 3 = telephone connection

Application example multi-family home

The multi-family home has a door station with three call buttons. Each flat has a home station and a TC-gateway with its own power supply (ZV).

Built-in speaker



Dimensions of built-in loudspeaker

Function

With the built-in loudspeaker, the Gira door communication system is integrated in letterbox systems, door side installations or front plates. In the process, the built-in loudspeaker acts as an adapter between the mechanical call buttons of the existing system and the Gira 2-wire bus and takes over the function of the door station.

Installation

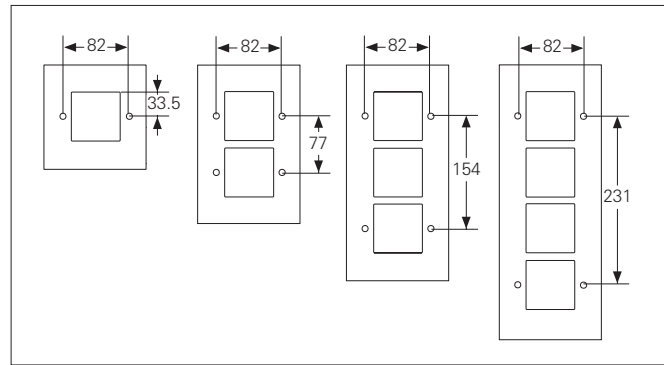
The built-in loudspeaker is mounted behind the speech cover plate of the existing system. Depending on the design, this is carried out directly on the front plate or via a manufacturer-dependent installation carrier. The built-in speaker has two mounting openings which are matched to the mounting systems of common installation solutions.

Add-on module

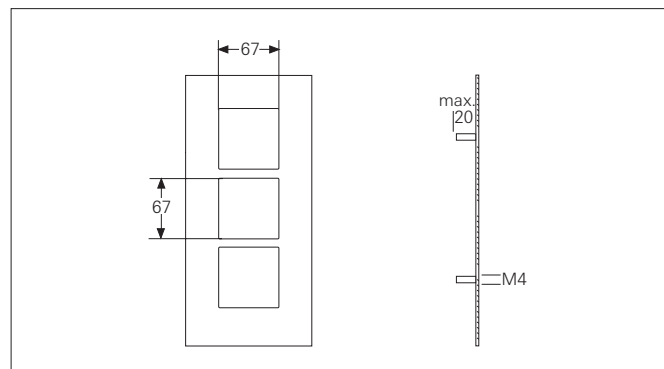
Up to eight mechanical call buttons can be connected to the door loudspeaker. Additional call buttons can be connected via the add-on module. Up to five add-on modules with twelve call buttons each can be connected to a built-in loudspeaker. Systems with up to 70 devices can be realised with the built-in loudspeaker, for example

- 1 built-in loudspeaker with
- 5 add-on modules,
- 68 surface-mounted home stations and
- 1 switching actuator.

Installations profile



Positions of holes (for M4 x 16 mm screws)



Cut-outs for Gira TX_44 inserts

Dimensions of the welded pins (M4 x 20 mm)

Function

With the installation profile the components of the door station are integrated flush in letterboxes, front plates or door side installations. The installation profile is available in 1 to 4-gang models.

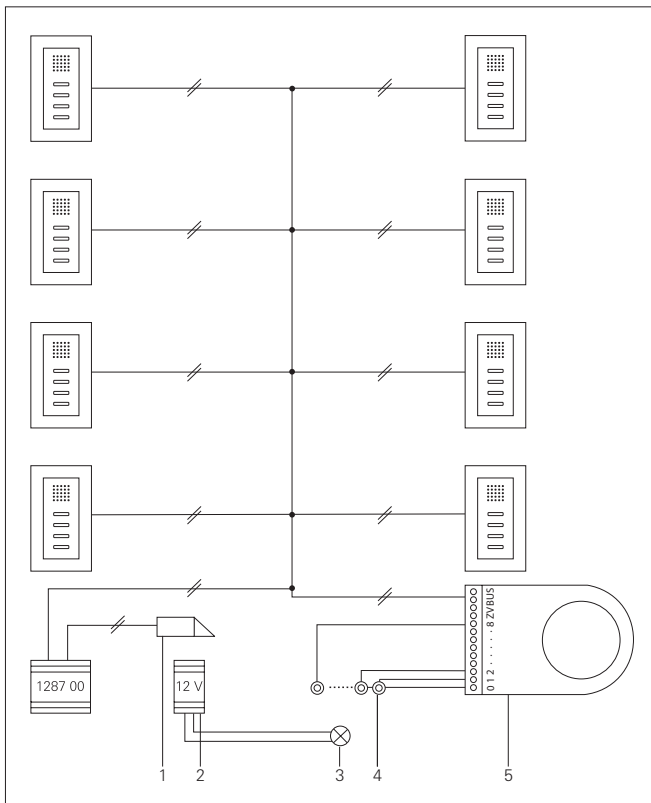
Height compensation

The height compensation ensures that the components can also be installed flush with front plate wall thicknesses from 1.25–4 mm.

Installation

The installation profile is secured on the front plate with screws or welded pins. As an alternative, the installation profile can also be glued to the front plate with the optionally available mounting kit.

Supply of the call-button illumination in large facilities



Connection of built-in loudspeaker

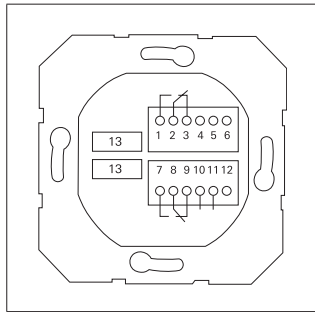
- 1 = door opener
- 2 = additional supply
- 3 = button illumination
- 4 = bell button
- 5 = built-in loudspeaker

Illumination of the call buttons

The illumination of the call buttons cannot be supplied with power via the control unit. The call-button illumination must be connected to an additional power supply, e. g. a standard bell transformer.

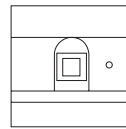


Gira Keyless In Keypad
Order No. 2605..

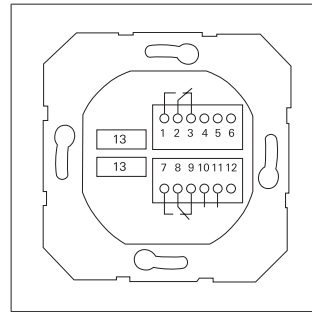


- 1 Relay 1 N. O. (NO contact)
 - 2 Relay 1 COM
 - 3 Relay 1 N. C. (NC contact)
 - 4 not used
 - 5 not used
 - 6 GND
 - 7 Relay 2 N. O. (NO contact)
 - 8 Relay 2 COM
 - 9 Relay 2 N. C. (NC contact)
 - 10 GND
 - 11 + DC 24V
 - 12 free
 - 13 6-pole slot
- Door communication system

Connection terminals of keypad



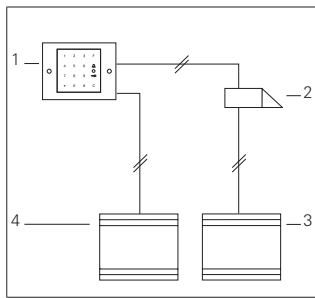
Gira Keyless In Fingerprint reader
Order No. 2617..



- 1 Relay 1 N. O. (NO contact)
 - 2 Relay 1 COM
 - 3 Relay 1 N. C. (NC contact)
 - 4 not used
 - 5 not used
 - 6 GND
 - 7 Relay 2 N. O. (NO contact)
 - 8 Relay 2 COM
 - 9 Relay 2 N. C. (NC contact)
 - 10 GND
 - 11 + 24V DC
 - 12 free
 - 13 6-pole slot
- Door communication system

Connection of fingerprint reader

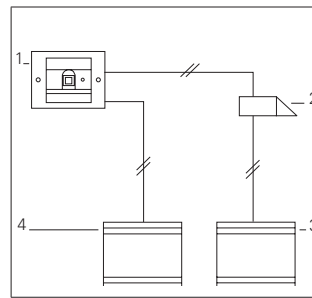
Use as individual device



- 1 = keypad,
- 2 = door opener,
- 3 = power supply of the door opener,
- 4 = DC 24V power supply

When operating the keypad as a stand-alone function, zero-voltage relay contacts within the flush-mounted insert are used, e.g. to control a door opener with its own power supply. The use of the keypad as an individual device is not recommended for opening outside doors, especially in safety-relevant areas, as the door can be opened when the keypad is removed by bridging the contacts which are then exposed.

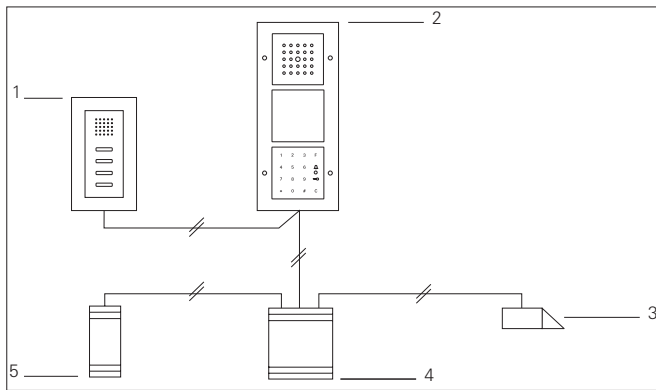
Use as individual device



- 1 = fingerprint reader,
- 2 = door opener,
- 3 = power supply of the door opener,
- 4 = DC 24V power supply

When operating the fingerprint reader as a stand-alone function, zero-voltage relay contacts within the flush-mounted insert are used, e.g. to control a door opener with its own power supply. The use of the fingerprint reader as an individual device is not recommended for opening outside doors, especially in safety-relevant areas, as the door can be opened when the fingerprint reader is removed by bridging the contacts which are then exposed.

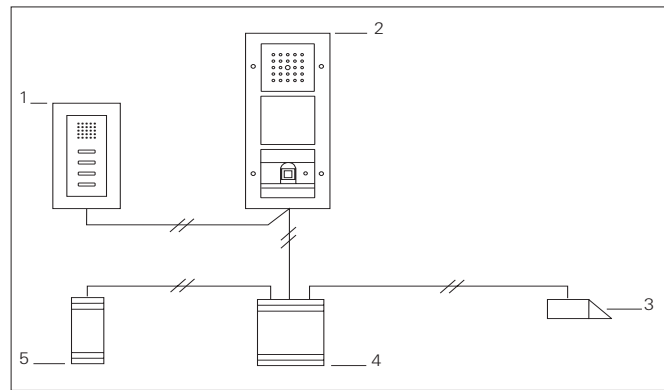
Use in door communication system



- 1 = surface-mounted home station with hands-free feature
- 2 = flush-mounted door station with keypad
- 3 = door opener
- 4 = audio control device
- 5 = switching actuator

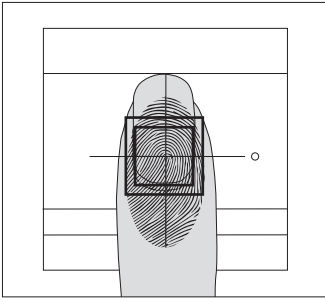
The keypad is connected to the door communication system with the 6-pole connection cable. The keypad can be supplied with power via the door communication bus. In this case, the jumpers between ZV and BUS must be attached to the bus coupler of the door station. The keypad can, for example, control the door opener contact of the control unit or can trigger switching actuator switching actions. In addition, home stations can be called directly from the door communication system.

Use in door communication system



- 1 = Surface-mounted home station
- 2 = Door station with fingerprint reader
- 3 = door opener
- 4 = audio control device
- 5 = switching actuator

The fingerprint reader is connected to the door communication system with the 6-pole connection cable. The fingerprint reader can be supplied with power via the door communication bus. In this case, the jumpers between ZV and BUS must be attached to the bus coupler of the door station. The fingerprint reader can, for example, control the door opener contact of the control device or can trigger switching actuator switching actions via a previously taught-in user finger.



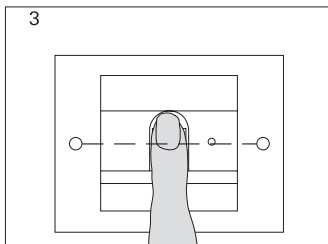
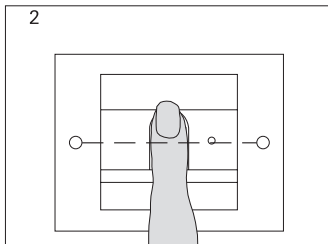
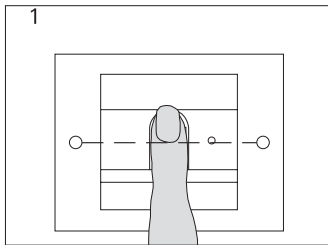
Optimal positioning of finger

In order to ensure proper functioning of the fingerprint reader, the finger must be correctly laid on during both teaching-in and subsequent operation. It is important that the finger area with the greatest fingerprint swirls (middle of finger pad) is registered by the fingerprint sensor.

Important:

Humidity (formation of drops) on the scanner surface can negatively affect the detection of the user finger. In this case, wipe the scanner surface dry before laying on the finger.

Teaching-in user finger



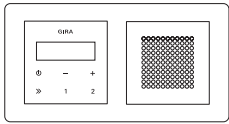
For the teaching-in of a user finger, the finger to be taught-in is repeatedly laid on. It is important to vary the position of the finger by a few millimetres each time when laying on repeatedly, so that the fingerprint reader can register the largest possible finger area.

Important:

Do not rotate the finger during teaching-in.

1. Lay on the finger to be taught-in centrally until an acknowledgement tone is heard.
2. Lay on the finger shifted slightly upwards.
3. Lay on the finger shifted slightly downwards.
4. Repeat steps 1 to 3 until two long acknowledgement tones are heard and the LED lights up green.

For "difficult" fingers (e. g. those of small children or those with very dry skin) it may be necessary to lay on the finger to be taught-in up to seven times. If a negative acknowledgement is heard after the seventh attempt (three short tones), the teach-in of the finger was not successful. In this case, lay the finger on again (step 1.) or use another finger.

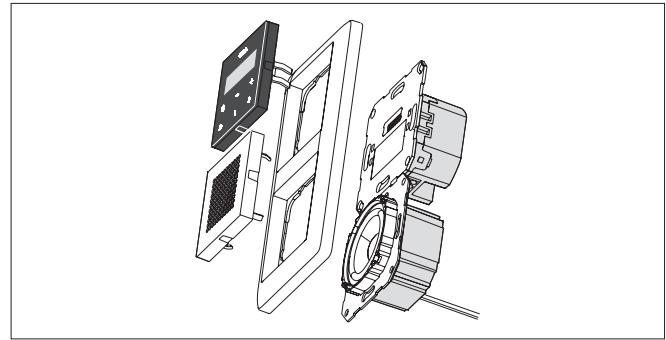


RDS flush-mounted radio

Order No. 2280..
Order No. 2284..

Technical data

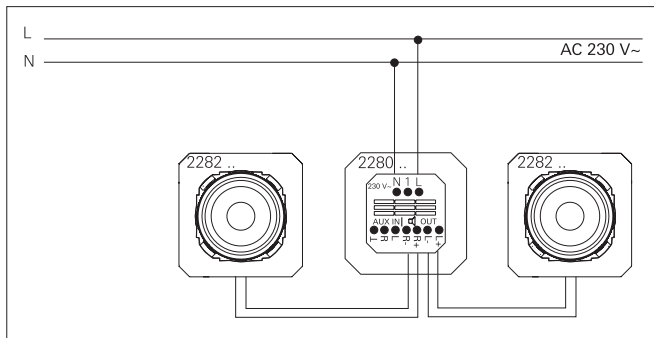
Operating voltage:	AC 230 V~
Ambient temperature:	-5°C to +50°C
Humidity:	25 to 90%
Frequency range:	87.50 to 107.90 MHz
Port:	Screw terminals
	2.5 mm ² (mains connection)
	1.5 mm ² (loudspeaker/AUX)
Permissible loudspeaker impedance:	4 to 16 ohms
Input impedance AUX input:	47 kohms
Maximum cable lengths	
Loudspeaker connection:	20 m
AUX connection:	3 m



Design of the RDS flush-mounted radio

Design of the RDS flush-mounted radio

The RDS flush-mounted radio consists of a radio insert with operating top unit and loudspeaker insert with cover. The RDS flush-mounted radio is installed in conventional device boxes.



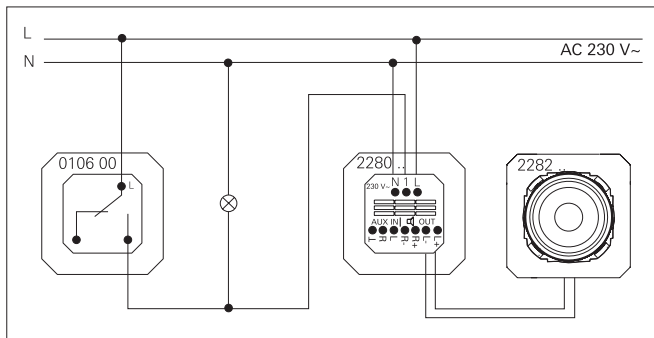
Connection of 2 loudspeakers (stereo operation)

Loudspeaker connection

Either one or two loudspeakers can be connected to the RDS flush-mounted radio. The radio automatically detects connected loudspeakers and switches between stereo and mono mode.

Interference in combination with electronic devices

Reception interference could occur if the flush-mounted radio is installed in an installation unit with other devices. Therefore please carry out a functional check before installing such a combination. Possible interference can be minimised by increasing the distance between the flush-mounted devices.



Off switch at the auxiliary input of the RDS flush-mounted radio

Auxiliary input

The RDS flush-mounted radio is equipped with an auxiliary input. The auxiliary input enables switching of the radio for example via a switch or automatic control switch together with room lighting. For this purpose, the switched phase is laid from the switch to the auxiliary input (1) of the radio.

Improvement of reception quality

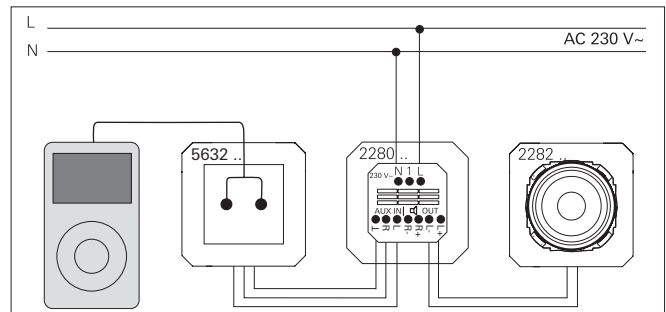
Where the installation situation allows, if the reception conditions are poor, extending the left loudspeaker cable (L+ / L-) to 75 cm can help to improve reception.



Operating top unit

Operating top unit

Operation of the flush-mounted radio is via capacitive operating buttons. The radio is switched on by touching anywhere on the operating surface. The operating top unit is equipped with a display showing the station name, frequency and current time.



AUX interface connection

AUX interface connection

The RDS flush-mounted radio is equipped with an AUX input via which external audio sources such as MP3 players can be connected. For connection of an external audio source an additional cinch socket outlet is connected to the AUX IN terminals of the radio.

The external audio source is then connected to the flush-mounted radio with an adapter cable (e. g. cinch – jack) via the cinch socket outlet. When the external audio source is switched on, the radio automatically switches to AUX mode and generates the signal of the external source.



Docking station insert
Order No. 2281 00

Technical data

Operating voltage:	AC 230 V~
Maximum charging current:	1000 mA
Charging voltage:	DC 5V
Standby consumption:	0.3 W
Bluetooth connections:	max. 8
Permissible ambient temperature:	-5 °C to +45 °C

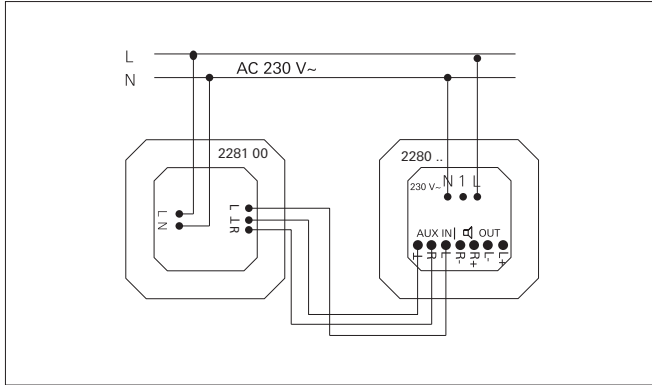
Functional description

The docking station insert is used to play music via the RDS flush-mounted radio via Bluetooth or for connection to a stereo system. In addition, the batteries of smartphones and MP3 players can be charged with the corresponding top unit.

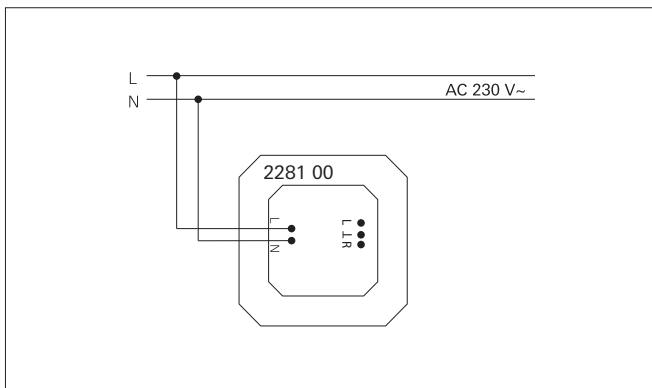
The AUX output is used to connect to the RDS flush-mounted radio to play music. External music devices (smartphone, tablet PC, MP3 player) can be coupled for music playback via the integrated Bluetooth interface. With corresponding top units, the docking station insert can be used as a universal charging device for various smartphones and MP3 players. Music can be played during charging. With the suitable top unit for the mobile terminal, the docking station can also be used exclusively as a charging station.

Features

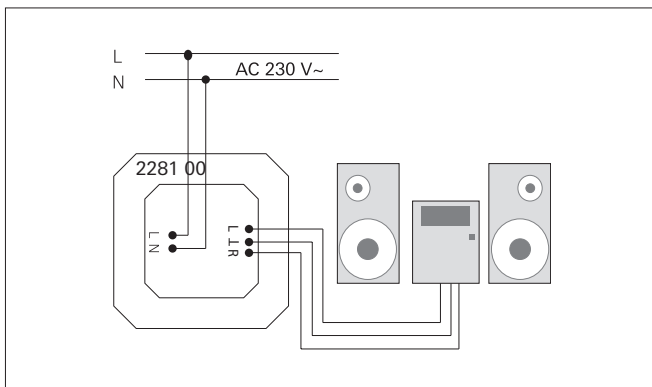
- Battery charging while simultaneously playing music.
- Music playback via Bluetooth interface.
- Eight programmable Bluetooth memory spaces.
- Top units available for Apple 30-pin, Apple Lightning and USB Micro-B.
- Blind cover plate when used without the charging function.



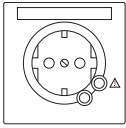
Connection of docking station insert for music playback



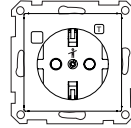
Connection of docking station insert exclusively as a charging device



Connection of docking station insert to a stereo system



SCHUKO socket outlet
16A 250V~ with overvoltage protection
 Order No. 0451..



RCD-protected socket outlet
30 mA with integrated increased contact protection (shutter) and symbol
 Order No. 2677..
RCCB 30mA
 Order No. 2664..

Technical data

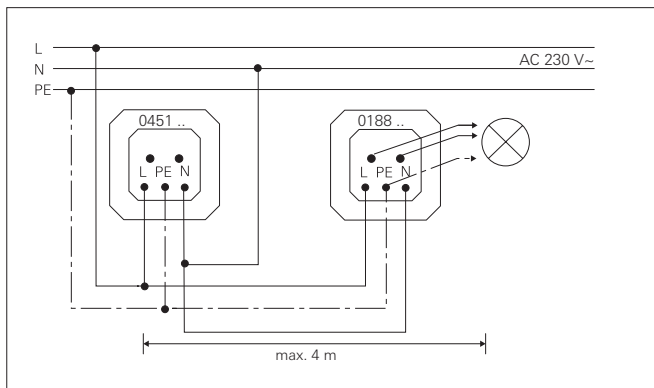
Overvoltage protection:	Arrester type 3 (one port)
Rated voltage:	AC 230V ~ (± 10%)
Mains frequency:	50 / 60 Hz
Maximum continuous voltage:	AC 255V ~ (UC)
No-load voltage:	4kV (UOC)
Rated load current:	16A (I _N)
Short-circuit protection:	1.5kA (ISCCR)
Protection level (L/N):	≤ 1.25kV (U _p)
Protection level (L/PE; N/PE):	≤ 1.5kV (U _p)
TOV characteristics:	442V/5s/120min (U _T)
Circuit breaker:	max. 16A (gG/C)
Ambient temperature:	-5°C to + 25°C
Relative humidity:	5 to 95% (without condensation)
Connection sensor head	1.5 to 2.5 mm ²

Technical data

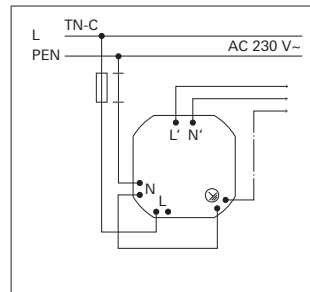
Rated voltage:	AC 230V~
Rated current:	16A
Rated fault current:	30mA
Connection cross sections:	1.5 to 2.5 mm ²
Ambient temperature:	-25°C to +40°C

Function

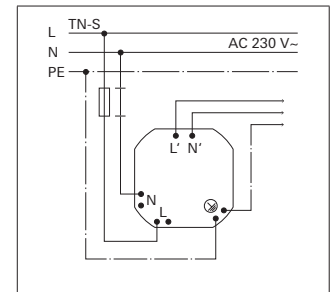
- The devices RCD-protected socket outlet and RCCB are permanently installed protective devices with voltage-dependent residual current tripping acc. to VDE 0664.
- This device works like an residual current circuit breaker.
- Residual current protection applies to all devices or cables connected to the RCD-protected socket outlet or the RCCB.
- Electrical installations upstream of the RCD-protected socket outlet or RCCB are not protected.
- Other socket outlets can be connected to the RCD-protected output terminals (L' and N').



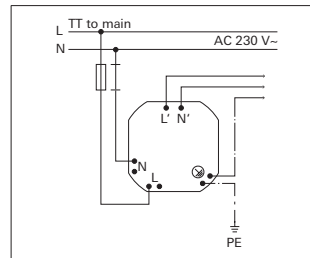
Connection of SCHUKO socket outlet with overvoltage protection



Connection diagram TN-C to mains



Connection diagram TN-S to mains



Connection diagram TT to mains

Functional description

Socket outlet for the protection of sensitive electrical and electronic devices from voltage spikes (transient overloads). A varistor reduces excess voltages. The socket outlet separates the protective branch from the mains network via a thermal release during thermal overload (due to overloads which occur too frequently and strong overloads). An audible signal is emitted. The socket outlet supplies connected devices with mains voltage, but does not protect them.

Features

- The socket outlet is used as device protection (fine protection)
- Disconnection of the signal tone by unplugging the power plug. The socket outlet must be replaced by a professional electrician.
- In multiple combinations, other standard socket outlets used in the combination are also protected (when installed in the same phase) when a socket outlet with overvoltage protection is used.
- We recommend using additional medium and coarse protection with high-power overload pulses.

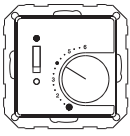
Information on operation

- Keep cables between consumers and overvoltage protection socket outlets as short as possible, max. 4m.
- Do not lay protected cables parallel to unprotected cables. There is a risk of surge voltage coupling.

Functional description

Socket outlet for use in areas in which residual current devices pursuant to VDE 0664 are indicated, for example in

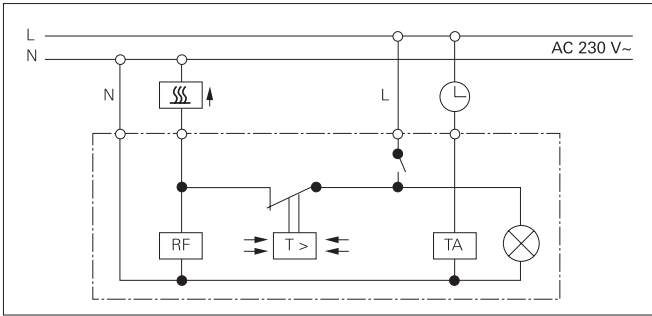
- rooms with a bathtub or shower (DIN VDE 0100, Part 701)
- indoor swimming pools (DIN VDE 0100, Part 702)
- agriculture (DIN VDE 0100, Part 705)
- classrooms (DIN VDE 0100, Part 723).



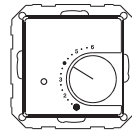
Room temperature controller 230/10 (4) A~ with NC contact, 1-way switch and control light
Order No. 0392..

Technical data

Ambient temperature: +5°C to +30°C
 Rated voltage U_N : AC 230 V~
 Rated current I_N : 10 (4) A
 Switching capacity: approx. 2200 W
 Switching temperature differential: approx. 0.5 K
 Night-time heating reduction: approx. 4 K



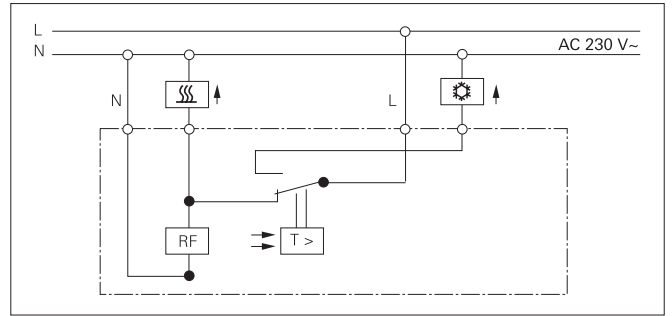
Room temperature controller 230/10 (4) A~ with NC contact, 1-way switch and control light



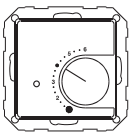
Room temperature controller 230/5 (2) A~ with 2-way momentary contact
Order No. 0396..

Technical data

Ambient temperature: +5°C to +30°C
 Rated voltage U_N : AC 230 V~
 Rated current I_N : 5 (2) A (NO contact)
 10 (4) A (NC contact)
 Switching capacity: approx. 1100 W (NO contact)
 approx. 2200 W (NC contact)
 Switching temperature differential: approx. 0.5 K



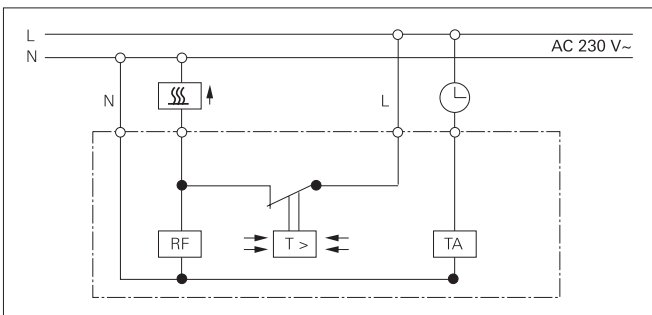
Room temperature controller 230/5 (2) A~ with 2-way momentary contact



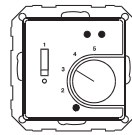
Room temperature controller with NC contact
Order No. 0390..

Technical data

Ambient temperature: +5°C to +30°C
 Rated voltage U_N : AC 230 V~
 Rated current I_N : 10 (4) A
 Switching capacity: approx. 2200 W
 Switching temperature differential: approx. 0.5 K
 Night-time heating reduction: approx. 4 K



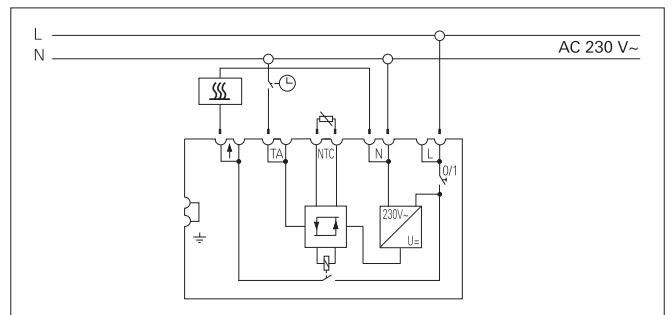
Room temperature controller 230/10 (4) A~ with NC contact and 1-way switch



Room temperature controller 230/10 (4) A~ with NO contact and sensor for electrical floor heating
Order No. 0394..

Technical data

Ambient temperature: +5°C to +30°C
 Rated voltage U_N : AC 230 V~
 Rated current I_N : 10 (4) A
 Switching capacity: 2200 W
 Night-time heating reduction: approx. 5 K
 With remote sensor on 4 m supply line: (2 x 0.5 mm²)

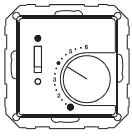


Room temperature controller for electrical floor heating 230/10 (4) A~

Explanation of symbols

- TA Resistance for night time reduction of room temperature
- RF Resistance for heat return
- L External conductor
- N Neutral conductor
- ⌚ Connection for clock signal for lowering of temperature
- ← Load connection
- SSS Heating
- ⚙ Cooling

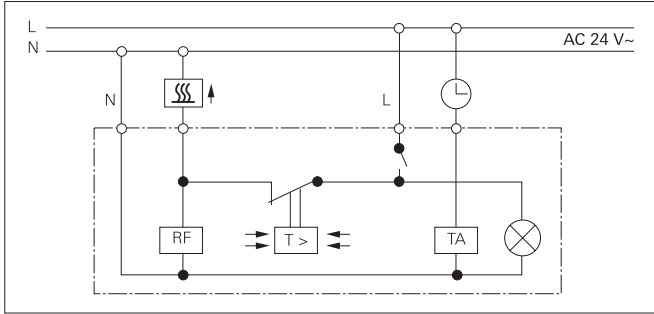
See also table on page 598.



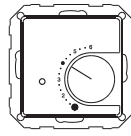
Room temperature controller 24/10 (4) A with NC contact, 1-way switch and control light
Order No. 0393..

Technical data

Ambient temperature: +5°C to +30°C
 Rated voltage U_N : AC 24 V
 Rated current I_N : 10 (4) A
 Switching capacity: approx. 240 W
 Switching temperature differential: approx. 0.5 K
 Night-time heating reduction: approx. 4 K



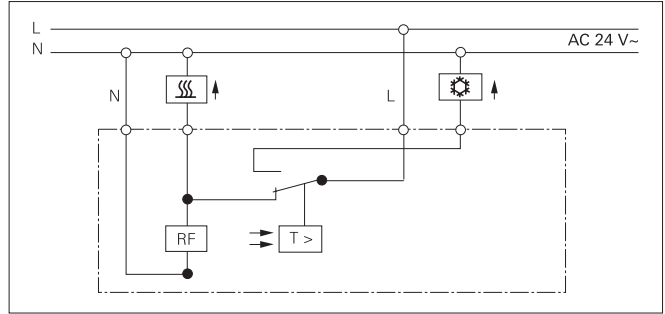
Room temperature controller 24V with NC contact and 1-way switch



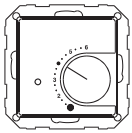
Room temperature controller 24/5 (2) A with 2-way momentary contact
Order No. 0397..

Technical data

Ambient temperature: +5°C to +30°C
 Rated voltage U_N : AC 24 V
 Rated current I_N : 5 (2) A (NO contact)
 10 (4) A (NC contact)
 Switching capacity: approx. 120 W (NO contact)
 approx. 240 W (NC contact)
 Switching temperature differential: approx. 0.5 K



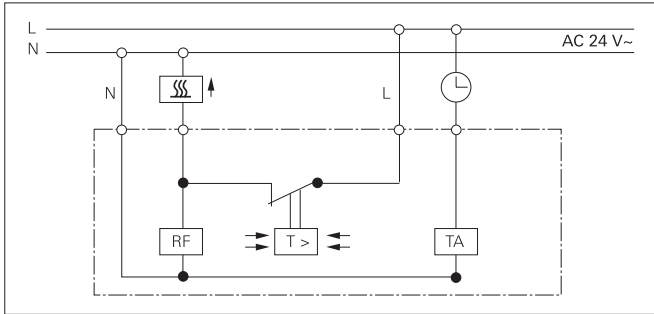
Room temperature controller 24 V with 2-way momentary contact



Room temperature controller 24/10 (4) A with NC contact
Order No. 0391..

Technical data

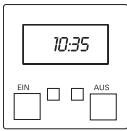
Ambient temperature: +5°C to +30°C
 Rated voltage U_N : AC 24 V
 Rated current I_N : 10 (4) A
 Switching capacity: approx. 240 W
 Switching temperature differential: approx. 0.5 K
 Night-time heating reduction: approx. 4 K



Room temperature controller 24V with NC contact

Explanation of symbols

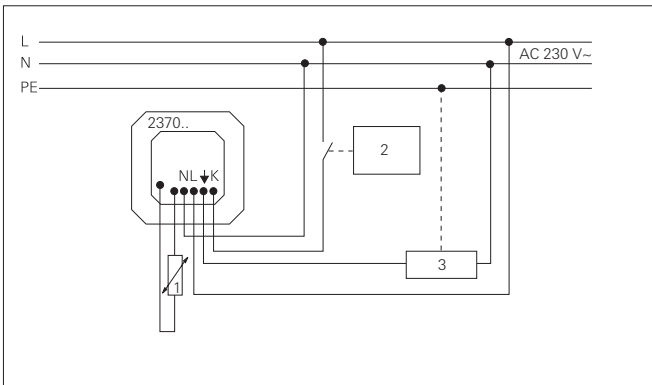
- TA Resistance for night time reduction of room temperature
- RF Resistance for heat return
- L External conductor
- N Neutral conductor
- ⌚ Connection for clock signal for lowering of temperature
- ← Load connection
- SSS Heating
- ⊙ Cooling



**Room temperature controller
230V~
with clock and cooling function**
Order No. 2370..

Technical data

Rated voltage U_N : AC 230 V~, 50 Hz
 Power consumption: Approx. 3.7 VA
 Switching capacity: 8 A (cos ϕ = 1)
 4 A (cos ϕ = 0.6)
 Switching contact: 1 NO contact equipotential-
 (Relay contact) bonding
 Ambient temperature:
 (Increments of 0.5K each)
 - Comfort and lowering tempera- +10°C to +40°C
 - ture +10°C to +40°C
 - Cooling temperature +5°C to +15°C
 - Anti-freeze temperature +5°C to +55°C
 - Limiting temperature
 Sensors:
 - Semiconductor sensor (KTY) internal **or** external **or**
 internal **and** external
 Program slots: 32
 (as desired during the week) Increment 10 min
 at least 4 hours via Gold Cap
 Power reserve: at least 4 hours via Gold Cap
 Minimum switch-on duration: 20 s to 500 s
 Increment 10 s
 Connections: Screwed terminal with
 slotted screw
 Ambient temperature: 0°C to +50°C
 Protection type: IP30
 Protection class: II



Room temperature connection with clock
 1 = external sensor (optional), 2 = heat pump, 3 = load

Function

Setpoint temperature

The room or floor temperature is realised via adjustable temperature levels (Comfort, lowering, frost protection). The setting is made in 0.5K increments. The following default values are set at the factory:
 - Comfort = +21°C
 - Lowering = +18°C
 - Cooling temperature = +24°C
 - Frost protection = +10°C

A separate setpoint temperature can be set which remains valid to the next programmed switching point, regardless of the temperature levels.

Switching differential

The switching differential can be set between ± 0.1 and ± 1.3 K. The setting can be made in 0.1 K increments.

Clock

The clock is designed as a weekly timer and has a four-hour power reserve. The changeover between summer and winter time is carried out automatically. The time can be displayed in 12-hour (AM/PM) or 24-hour format. You can choose between the summertime regulation in Central Europe and Great Britain via a parameter. The installed calendar automatically takes leap years into consideration.

Time program

32 switching points per week are available for time programming. Each switching time specifies a point within the week at which a change between the Comfort and lowering modes takes place. Programming is saved in non-volatile memory in case a failure occurs.

Holiday program

A program for holidays is available. During this period the system regulates to a constant selectable temperature level. After the holiday period has expired the holiday program is automatically deleted so that it is not repeated every year.

Party function

To temporarily switch to the Comfort temperature level, the party function can be activated with the push of a button. In this way, the normal time program can be interrupted for up to four hours and you can switch over to the Comfort temperature.

Switching output

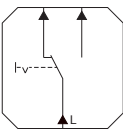
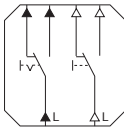
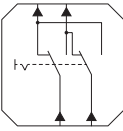
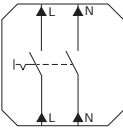
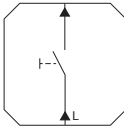
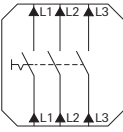
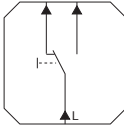
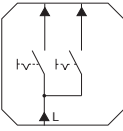
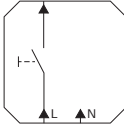
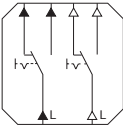
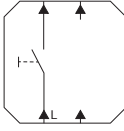
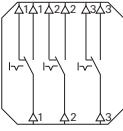
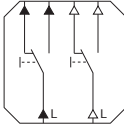
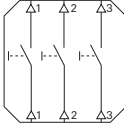
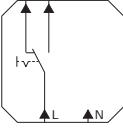
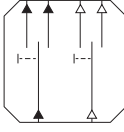
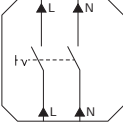
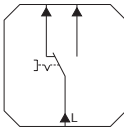
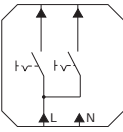
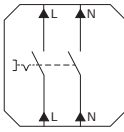
An equipotential bonding relay contact is available as a switch output. The electrical contact rating is max. 230V/8 (4) A.

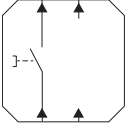
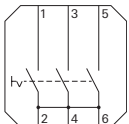
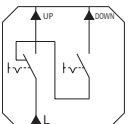
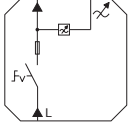
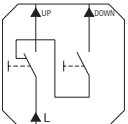
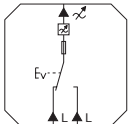
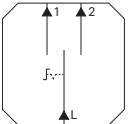
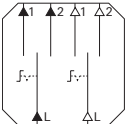
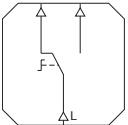
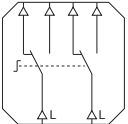
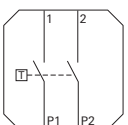
Deadlock protection

To prevent valves and drives becoming fixed in place, a “training period” is set at the switching output during longer periods without actuation. As soon as no switching action has been performed within seven days, the switching output is actuated for ten minutes at 10:00 a. m. the following day. The interval and duration of the summer training are fixed. The duration is selected so that thermal valve drives move to the “open” and “closed” position in each case

Cooling function

The room temperature controller features a switch-over input for control via a heat pump. If the heat pump switches to cooling mode in summer, switching of the room temperature controller from heating to cooling mode is automatic. In “Cooling” operating mode, the running time program is interrupted and the cooling temperature is the setpoint.

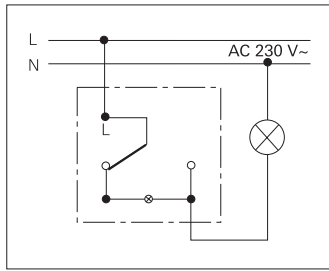
Rocker switch insert		Rocker switch and rocker button insert	
	Universal 1-way/2-way switch Order No. 0106 00		2-way switch/2-way button Order No. 0139 00
	Intermediate switch Order No. 0107 00	Rocker button insert	
	1-way switch, 2-pole Order No. 0102 00		NO contact, 1-pole Order No. 0151 00
	1-way switch, 3-pole Order No. 0103 00		2-way momentary contact, 1-pole Order No. 0156 00
	Series switch Order No. 0105 00		NO contact, 1-pole with N terminal Order No. 0150 00
	2-way switch, 2-gang Order No. 0108 00		NO contact, 1-pole with separate signal contact Order No. 0152 00
	Rocker switch, 3-gang with rockers Order No. 2832..		2-way switch Order No. 0155 00
Rocker indicator switch insert with neon lamp element			Button, 3-gang, NO contact, 1-pole Order No. 2844..
	Universal 1-way/2-way switch Order No. 0116 00		Rocker button, 4-gang NO contact, 1-pole Order No. 0147 00
	1-way switch, 2-pole Order No. 0112 00	Pull-cord switch insert	
Rocker indicator switch insert with LED			Universal 1-way/2-way switch Order No. 0146 00
	Series switch Order No. 0145 00		1-way switch, 2-pole Order No. 0142 00

	<p>Pull-cord button insert</p> <p>NO contact, 1-pole with separate signal contact</p> <p>Order No. 0165 00</p>		<p>Three-stage switch or speed regulator</p> <p>3-stage switch insert Zero position Order No. 0149 00</p>
	<p>Blind rocker switch/ Rocker button insert</p> <p>Blind rocker switch</p> <p>Order No. 0159 00</p>		<p>Speed regulator insert with rotary on/off switch</p> <p>Order No. 0314 00 Order No. 0300 20</p>
	<p>Blind rocker button</p> <p>Order No. 0158 00</p>		<p>Dimmer with switching function</p> <p>Dimming insert with pressure/2-way switch</p> <p>Order No. 0302 00</p>
	<p>Blind button or switch Group button/switch 1-pole</p> <p>Order No. 0154 00</p>		
	<p>Blind button or switch Group button/switch, 2-pole</p> <p>Order No. 0157 00</p>		
	<p>Key button, 1-pole</p> <p>Order No. 0163 00</p>		
	<p>Key button, 2-pole</p> <p>Order No. 0144 00</p>		
	<p>Time switch insert</p> <p>Time switch insert, 2-pole</p> <p>Order No. 0320 00 Order No. 0321 00</p>		

Wiring diagrams

Switch-off circuit

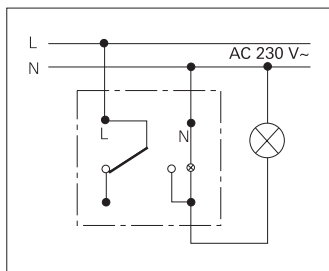
(illuminates), e.g. when using the rocker switch insert of universal 1-way/2-way switch 0106 00



Switch-off circuit, 1-pole

2-way switch-off circuit with control function

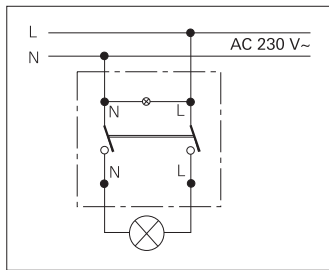
Control light illuminates when the unit is switched on.



Switch-off circuit, 1-pole

Switch-off circuit, 2-pole

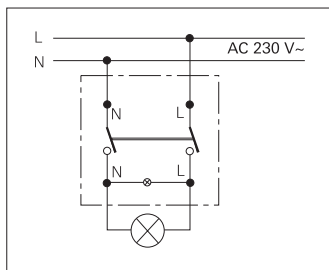
(illuminates), e.g. when using the rocker switch insert of circuit breaker, 2-pole 0102 00.



Switch-off circuit, 2-pole

2-pole switch-off circuit with control function

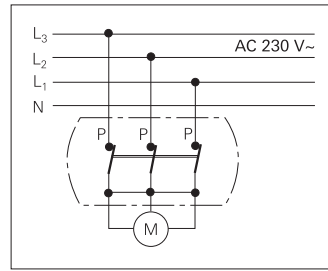
Control light illuminates when the unit is switched on.



Switch-off circuit, 2-pole

Switch-off circuit, 3-pole

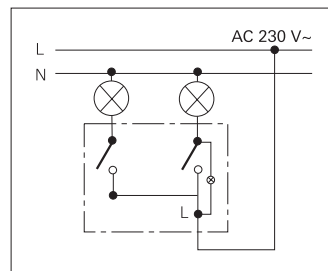
e.g. when using the rocker switch insert of circuit breaker, 3-pole 0103 00



Switch-off circuit, 3-pole

Series circuit

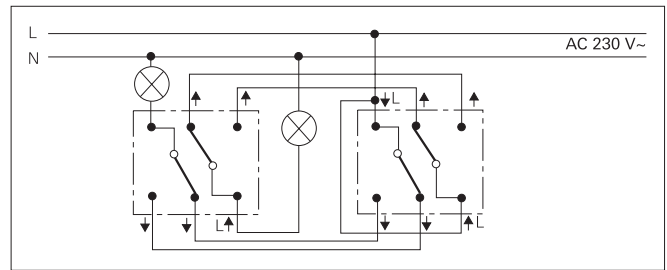
(illuminates), e.g. when using the rocker switch insert of series switch 0105 00.



Series circuit (illuminated)

Double 2-way wiring

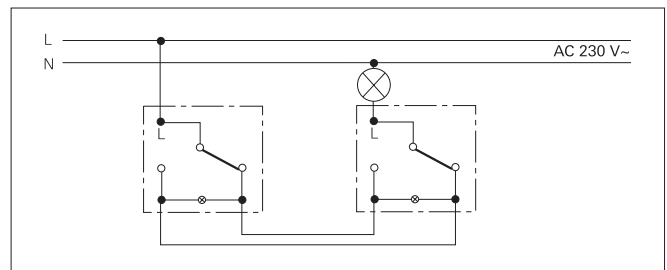
e.g. when using two rocker switch inserts of 2-gang 2-way switch 0108 00.



Double 2-way wiring

2-way wiring

(illuminates), e.g. when using two rocker switch inserts of universal 1-way/2-way switch 0106 00.

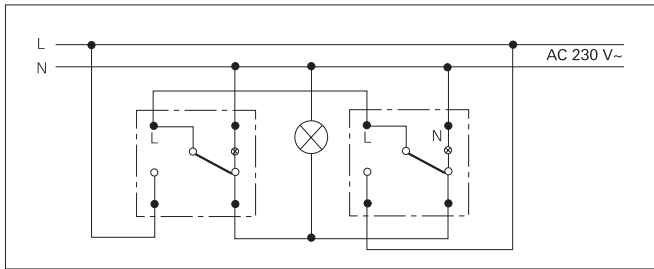


2-way wiring (illuminated)

Wiring diagrams

2-way wiring with control function

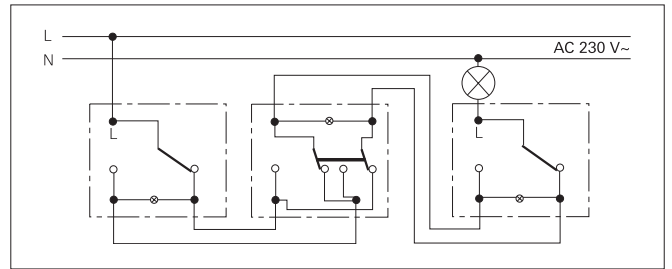
(The control lamps illuminate when unit is switched on), e.g. with two rocker indicator switch inserts of universal 1-way/2-way switch 0116 00.



2-way wiring (control)

Intermediate switch circuit

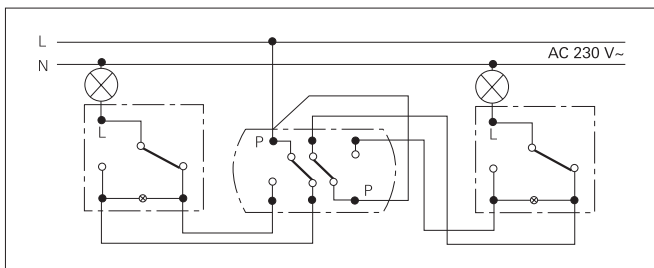
(illuminates), e.g. when using rocker switch inserts of intermediate switch 0107 00 and universal 1-way/2-way switch 0106 00.



Intermediate switch circuit (illuminated)

2-way wiring

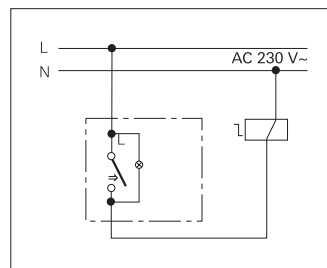
(illuminates), e.g. with the rocker switch inserts of 2-gang 2-way switch 0108 00 and universal 1-way/2-way switch 0106 00.



2-way wiring (illuminated) with 2-way switch, 2-gang

Button / NO contact

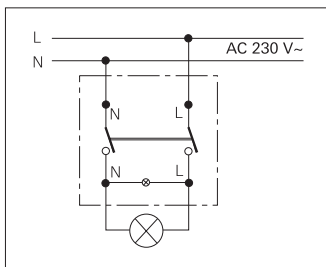
(illuminates), e.g. when using the rocker button insert of 1-pole NO contact 0151 00.



Button (NO contact)

2-pole switch-off circuit with control function

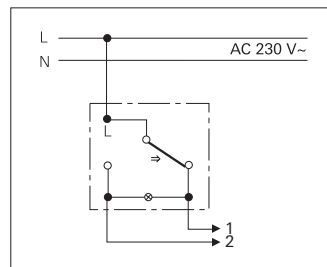
e.g. when using the pull-cord switch / pull-cord button of circuit breaker, 2-pole 0142 00 and a control lamp (illuminates when unit is switched on).



2-pole switch-off circuit, control

Button / 2-way momentary contact

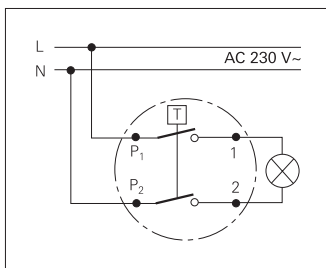
(illuminates), e.g. when using the rocker button insert of 1-pole 2-way momentary contact 0156 00.



Button (2-way momentary contact). 1 = NC contact, 2 = NO contact

Time switching

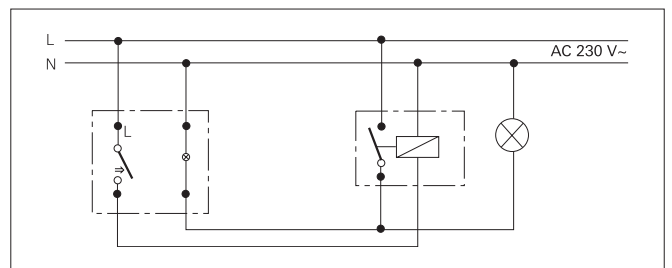
e.g. when using the 2-pole time switch insert 0320 00, 0321 00.



Time switches

Button / NO contact with separate signal contact

e.g. when using the rocker button insert of 1-pole NO contact with sep. signal contact 0152 00.

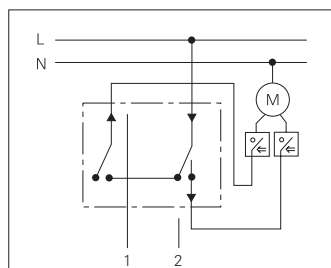


Button (NO contact with separate signal contact)

Wiring diagrams

Blind switching

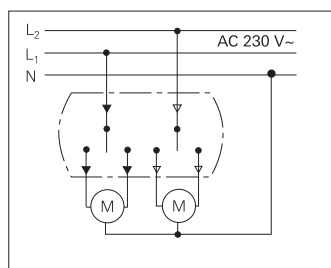
e. g. when using the blind rocker switch insert, 0159 00.



Blind switch with rockers

Blind switching

(Toggle switch or key) e. g. when using the 2-pole blind button / switch insert with toggle switch 0157 00.






Blind switch with toggle switch

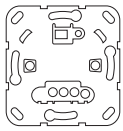
System 3000 matrix order numbers with standby consumption values

System 3000 top units	5360.. 5361..	5363..	5366..	5367..	5373..	5374..	5375..	5376..	5377 02
System 3000 inserts									
5403 00	0.13W •	0.16W •	0.29W •	0.17W •	0.19W •	0.22W •	0.19W •	0.22W •	0.22W •
5405 00	0.20W •	0.22W •	0.32W •	0.23W •	0.24W •	0.27W •	0.24W •	0.27W •	0.27W •
5410 00	0.29W •	/	/	/	0.35W •	0.35W •	0.35W •	0.35W •	0.34W •
5400 00	0.20W •	0.22W •	0.32W •	0.23W •	0.24W •	0.27W •	0.24W •	0.27W •	0.27W •
5401 00	0.20W •	0.22W •	0.32W •	0.23W •	0.24W •	0.27W •	0.24W •	0.27W •	0.27W •
5406 00	1.3W* •	1.3W* •	1.3W* •	1.3W* •	1.3W* •	1.3W* •	1.3W* •	1.3W* •	1.3W* •
5408 00	0.00W •	/	/	/	/	/	/	/	/
5409 00	0.17W •	0.19W •	0.30W •	0.20W •	0.21W •	0.24W •	0.21W •	0.24W •	0.24W •
5414 00	0.14W •	0.16W •	0.27W •	0.17W •	/	/	/	/	/
5415 00	0.13W •	0.16W •	0.27W •	0.16W •	/	/	/	/	/

* The DALI Power control unit (5406 00) has higher consumption values because it is permanently supplying the DALI devices.

Dimmer on DRA power booster 2383 00

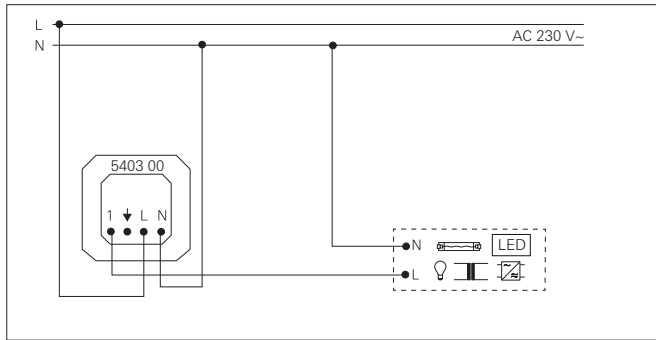
Dimmer	Load types							
	n _{max}	P _{PB}	n _{max}	P _{PB}	n _{max}	P _{PB}	n _{max}	P _{PB}
5400 00 System 3000 universal LED dimming insert Standard	5	210W	2	60W	2	200W		
5401 00 System 3000 universal LED dimming insert Komfort	5	420W	2	100W	2	200W		
2385 00 System 2000 Universal LED dimming insert (touch dimmer)	5	420W	-	---	2	200W		
2450 00 System 3000 universal LED rotary dimming insert Standard	5	210W	2	60W	2	200W		
2455 00 System 3000 universal LED rotary dimming insert Komfort	5	420W	2	100W	2	200W		
2440 00 System 3000 universal LED dimmer Mini	2	210W	2	50W	2	200W		
2365 00 System 3000 universal LED dimmer DRA	5	420W	2	100W	2	200W		
2171 00 KNX dimming actuator, 1-gang	3	420W	2	100W	2	200W		
2172 00 KNX dimming actuator, 2-gang	4	420W	2	100W	2	200W		
2174 00 KNX dimming actuator, 4-gang	4	420W	2	100W	2	200W		
5420 00 eNet wireless dimming actuator, 1-gang Mini	5	250W	2	70W	2	200W		
5430 00 eNet wireless dimming actuator, 1-gang DRA	3	420W	2	65W	2	200W		
5431 00 eNet wireless dimming actuator, 4-gang DRA	4	420W	2	100W	2	200W		



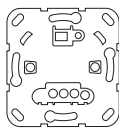
System 3000
Relay switching insert
 Order No. 5403 00

Technical data

Rated voltage U_N :	AC 230 V~, 50/60 Hz
Ambient temperature:	-25°C to +45°C
Connected load:	
- HV LED	typically 500 W
- Compact fluorescent lamps	typically 500 W
- Light bulbs	2300 W
- HV halogen	2300 W
- Gira Tronic transformers	1500 W
- Wound transformers	1000 VA
- Fluorescent lamps, not compensated	1200 VA
- Capacitive load	920 VA (115 µF)
- Switching current for motors	6 A
Number of auxiliary units:	
- System 3000 auxiliary unit 5408 00, mech. button	Unlimited
Total length	
Auxiliary unit cable:	max. 100 m



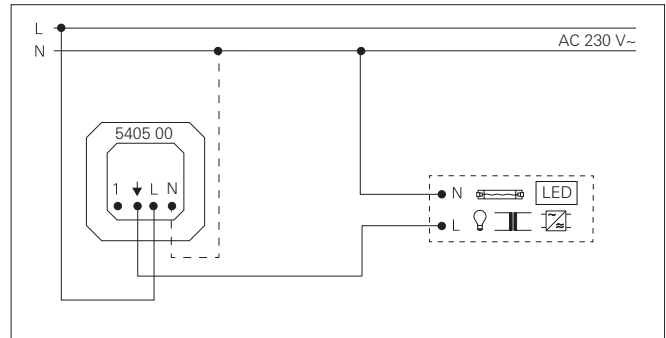
Connection of System 3000 relay insert



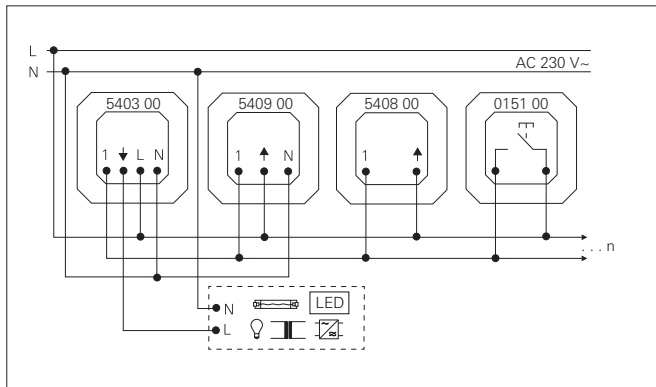
System 3000
Electronic switching insert
 Order No. 5405 00

Technical data

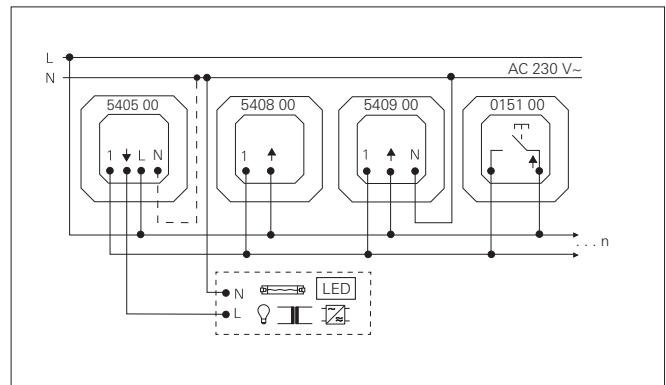
Rated voltage U_N :	AC 230 V~, 50/60 Hz
Ambient temperature:	-5°C to +45°C
Connected load at 25°C:	
- HV LED lamps (leading edge)	typically 3 to 100 W
- HV LED lamps (trailing edge)	typically 3 to 200 W
- Compact fluorescent lamps	typically 3 to 100 W
- Light bulbs	20 to 400 W
- HV halogen	20 to 400 W
- Gira Tronic transformers	20 to 400 W
- Electronic transformer with NV-LED	typically 20 to 100 W
- Wound transformer	20 to 400 VA
- Wound transformer with NV-LED	typically 20 to 100 VA
Number of auxiliary units:	
- System 3000 auxiliary unit 5408 00, mech. button	Unlimited
Total length	
Auxiliary unit cable:	max. 100 m
Load cable:	max. 100 m



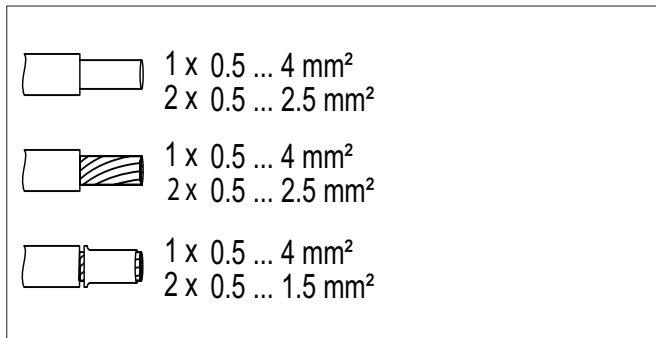
Connection of System 3000 electronic switching insert



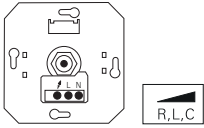
Connection of various auxiliary unit inserts to a System 3000 relay insert. n = Further auxiliary units



Connection of various auxiliary inserts to System 3000 electronic switching insert. Operation without a neutral conductor possible. n = Further auxiliary units.



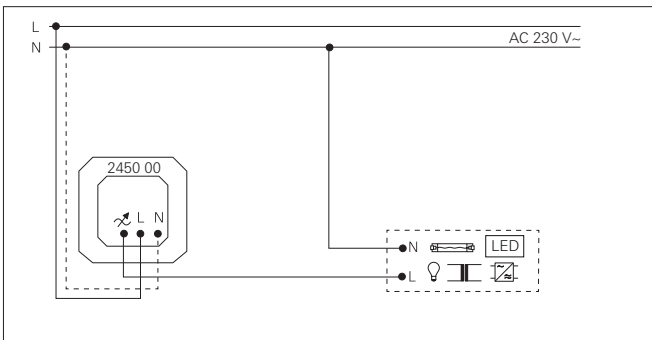
System 3000 connection cross sections of inserts



**System 3000
Universal LED rotary dimming
insert Standard**
Order No. 2450 00

Technical data

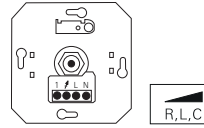
Rated voltage U_N : AC 230 V~, 50/60 Hz
 Ambient temperature: -5 °C to +45 °C
 Standby power: approx. 0.35 W
 Power loss: approx. 2 W
 Connected load:
 - HV LED lamps typically 3 to 60 W
 - Compact fluorescent lamps typically 3 to 60 W
 - Light bulbs 20 to 210 W
 - HV halogen 20 to 210 W
 - Gira Tronic transformers 20 to 210 W
 - Electronic transformer with NV-LED typically 20 to 60 W
 - Wound transformer 20 to 210 VA
 - Wound transformer with NV-LED typically 20 to 60 VA
 Number of auxiliary units: No auxiliary units possible
 Entire length of load cables: max. 100 m



Connection of universal LED dimming insert Standard

Note

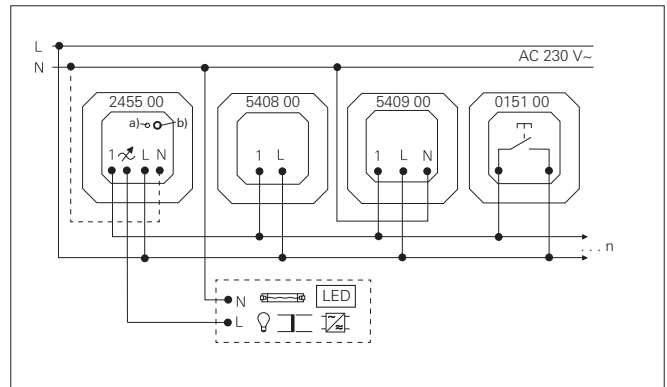
Operation without a neutral conductor possible.



**System 3000
Universal LED rotary dimming
insert Komfort**
Order No. 2455 00

Technical data

Rated voltage U_N : AC 230 V~, 50/60 Hz
 Ambient temperature: -5 °C to +45 °C
 Standby power: approx. 0.35 W
 Power loss: approx. 4 W
 Connected load:
 - HV LED lamps (leading edge) typically 3 to 100 W
 - HV LED lamps (trailing edge) typically 3 to 200 W
 - Compact fluorescent lamps typically 3 to 100 W
 - Light bulbs 20 to 420 W
 - HV halogen 20 to 420 W
 - Gira Tronic transformers 20 to 420 W
 - Electronic transformer with NV-LED typically 20 to 100 W
 - Wound transformer 20 to 420 VA
 - Wound transformer with NV-LED typically 20 to 100 VA
 Number of auxiliary units:
 - System 3000 auxiliary unit 5408 00, mech. button Unlimited
 - System 3000 auxiliary unit 5409 00 5
 Total length
 Auxiliary unit cable: max. 100 m
 Entire length of load cables: max. 100 m



Connection options Universal LED rotary dimming insert Komfort and auxiliary units
 a) = LED display of dimming principle (see table)
 b) = "Dimming mode" (operating mode) button
 n = Further auxiliary units.

Notes

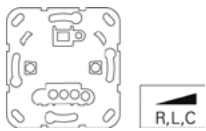
Operation via auxiliary units or buttons possible.
 Operation without a neutral conductor possible.

Operating modes:

R, L, C, LED (factory preset)
HV LED (trailing edge), inductive transformers not permissible
HV LED (leading edge), inductive transformers not permissible

LED	Dimming mode
GN (green)	R, L, C, LED
RD (red)	LED (trailing edge)
BU (blue)	LED (leading edge)

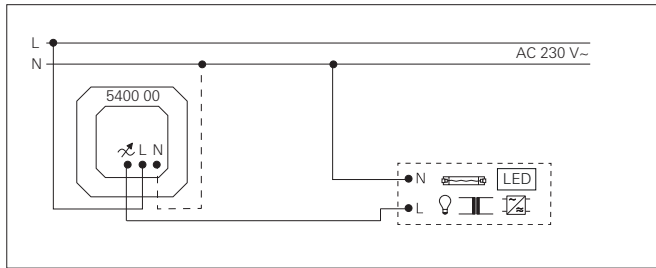
Assignment of LED colour to "Dimming mode"



System 3000
Universal LED dimming insert
Standard
 Order No. 5400 00

Technical data

Rated voltage U_N :	AC 230 V~, 50/60 Hz
Ambient temperature:	-5°C to +45°C
Standby power:	0.1 to 0.5W
Connected load at 25°C:	
- HV LED lamps (leading edge)	typically 3 to 60W
- HV LED lamps (trailing edge)	typically 3 to 120W
- Compact fluorescent lamps	typically 3 to 60W
- Light bulbs,	20 to 210W
- HV halogen,	20 to 210W
- Gira Tronic transformers	20 to 210W
- Electronic transformer with NV-LED	typically 20 to 60W
- Wound transformer	20 to 210VA
- Wound transformer with NV-LED	typically 20 to 60VA
Total length	
Load cable:	max. 100m

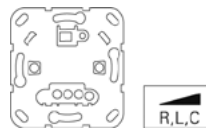


Connection of System 3000 universal LED dimming insert Standard

Notes:

For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Tronic transformers, inductive transformers and mixed loads ohmic-capacitive or ohmic-inductive increases from 20 W to 50W.

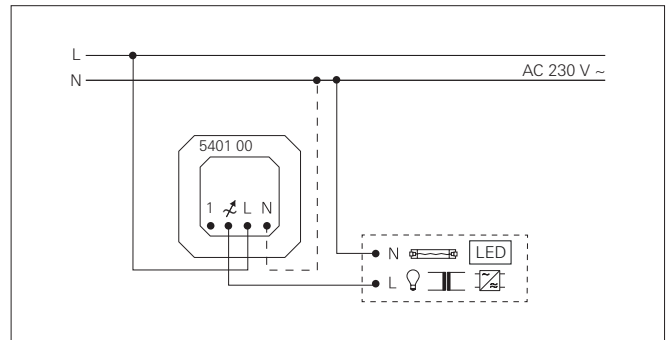
If there is no neutral conductor at the installation site, the dimmer can also be operated without a neutral conductor. In this case, it may increasingly result in unsuitable combinations of dimmers and HV-LED lamps.



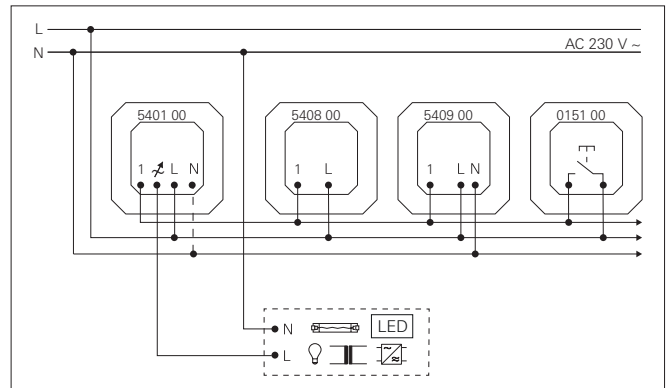
System 3000
Universal LED dimming insert
Komfort
 Order No. 5401 00

Technical data

Rated voltage U_N :	AC 230 V~, 50/60 Hz
Ambient temperature:	-5°C to +45°C
Standby power:	0.1 to 0.5W
Connected load at 25°C:	
- HV LED lamps (leading edge)	typically 3 to 100W
- HV LED lamps (trailing edge)	typically 3 to 200W
- Compact fluorescent lamps	typically 3 to 100W
- Light bulbs,	20 to 420W
- HV halogen,	20 to 420W
- Gira Tronic transformers	20 to 420W
- Electronic transformer with NV-LED	typically 20 to 100W
- Wound transformer	20 to 420VA
- Wound transformer with NV-LED	typically 20 to 100VA
Total length	
Auxiliary unit cable:	max. 100m
Load cable:	max. 100m



Connection of System 3000 universal LED dimming insert Komfort

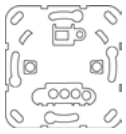


Connection of various auxiliary unit inserts to a System 3000 universal LED dimming insert Komfort.

Notes:

For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Tronic transformers, inductive transformers and mixed loads ohmic-capacitive or ohmic-inductive increases from 20 W to 50W.

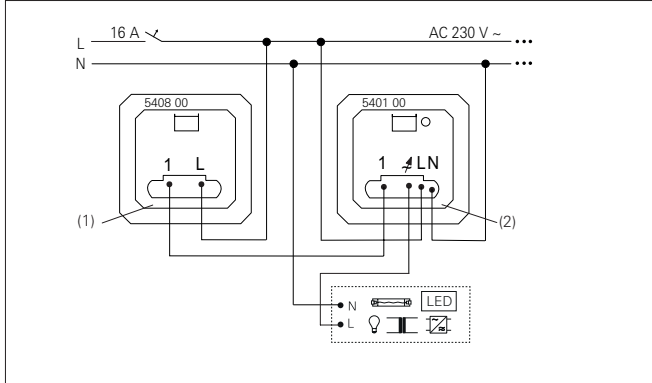
If there is no neutral conductor at the installation site, the dimmer can also be operated without a neutral conductor. In this case, it may increasingly result in unsuitable combinations of dimmers and HV-LED lamps.



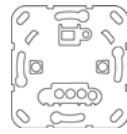
System 3000
Auxiliary insert, 2-wire
 Order No. 5408 00

Technical data

Rated voltage U_N : AC 230 V~, 50/60 Hz
 Ambient temperature: -20°C to +45°C
 Cable length to the main unit: max. 100 m



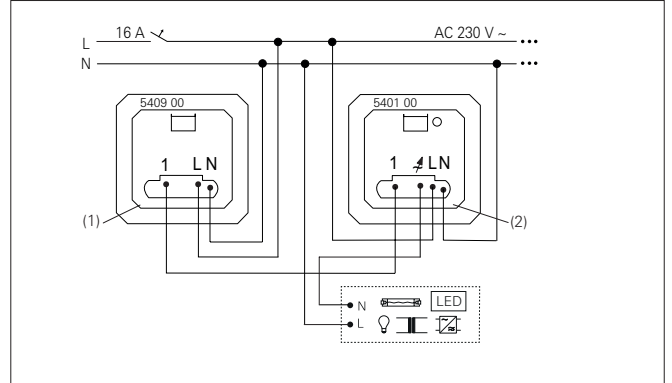
Connection of auxiliary unit (1) to universal LED dimming insert (2)



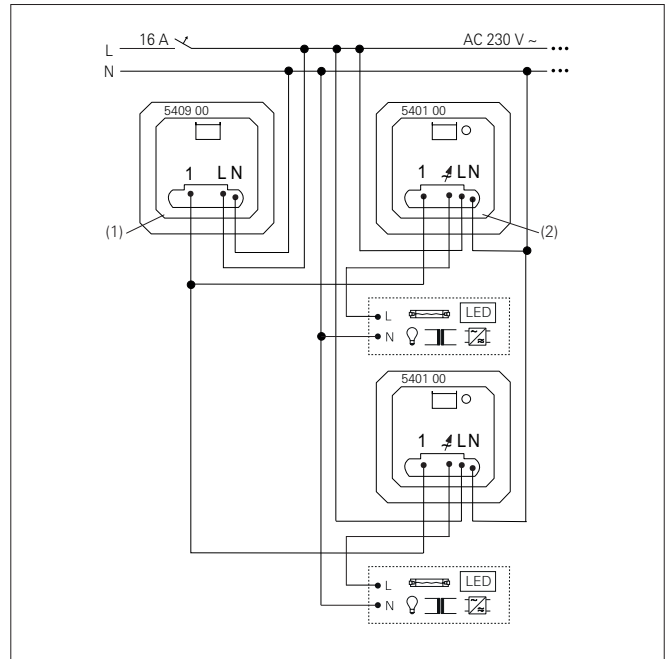
System 3000
Auxiliary insert, 3-wire
 Order No. 5409 00

Technical data

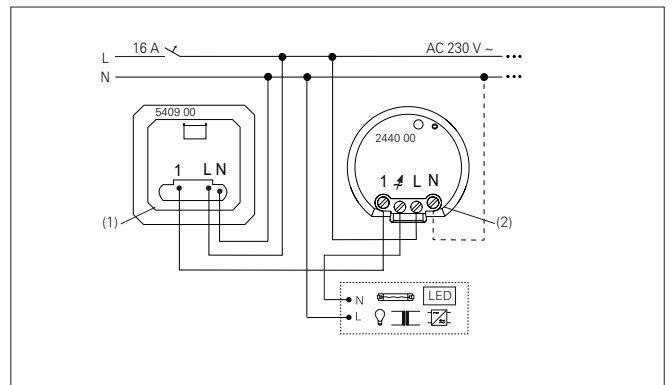
Rated voltage U_N : AC 230 V~, 50/60 Hz
 Ambient temperature: -20°C to +45°C
 Cable length to the main unit: max. 100 m



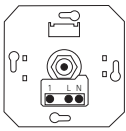
Connection of auxiliary unit (1) to universal LED dimming insert (2)



Connection of auxiliary unit (1) to several main units (2)



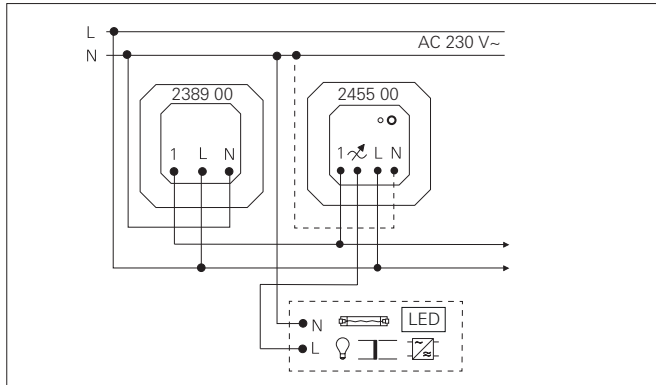
Connection of auxiliary unit (1) to universal LED dimmer Mini (2)



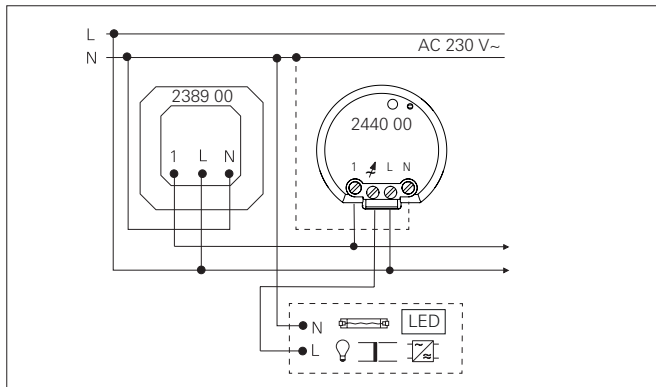
System 3000 auxiliary insert for universal LED rotary dimming insert
Order No. 2389 00

Technical data

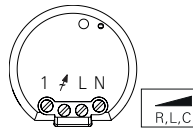
Rated voltage U_N : AC 230 V~, 50/60 Hz
Ambient temperature: -5°C to +45°C
Standby power: approx. 0.3W
Total length
Auxiliary unit cable: max. 100m
Entire length of load cables: max. 100m



Connection of auxiliary unit to universal LED dimming insert Komfort



Connection of auxiliary unit to universal LED dimmer Mini



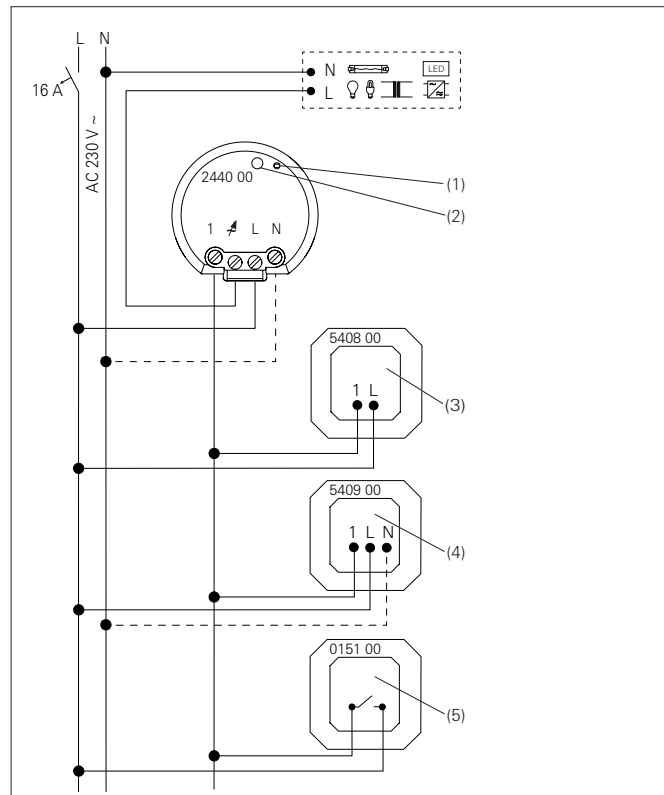
System 3000 universal LED dimmer Mini
Order No. 2440 00

Technical data

Rated voltage U_N : AC 230 V~, 50/60 Hz
Ambient temperature: -5°C to +45°C
Standby power: < 0.5W
Power loss: max. 2W
Connected load at 25°C:
(Load types)
- 230V light bulbs 20 to 210W
- HV halogen lamps 20 to 210W/VA
- Gira Tronic transformers 20 to 210W/VA
- Conventional transformers 20 to 210W/VA
- HV LED (leading edge) typically 3 to 50W
- HV LED (trailing edge) typically 3 to 100W
- NV LED with Tronic transformer typically 20 to 50W
- NV LED with conventional transformer typically 3 to 50W
- Compact fluorescent lamp not permissible
- Mixed load capacitive-inductive 50W/VA
Minimum load without neutral conductor:

Auxiliary units:
Auxiliary insert, 2-wire, Auxiliary insert, 3-wire, Button (NO contact), not illuminated

Number of auxiliary units:
- Button, aux. unit 2-wire Unlimited
- Aux. unit 3-wire max. 10
Total length of auxiliary unit cable: max. 100m
Total length of load cable: max. 100m



Connection of universal LED dimmer Mini

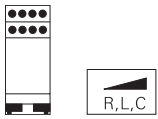
- 1 = display LED
- 2 = "Operating mode" button
- 3 = auxiliary insert, 2-wire
- 4 = auxiliary insert, 3-wire
- 5 = button, NO contact

Notes

Operation via auxiliary units.
Operation without a neutral conductor possible.

Operating modes:

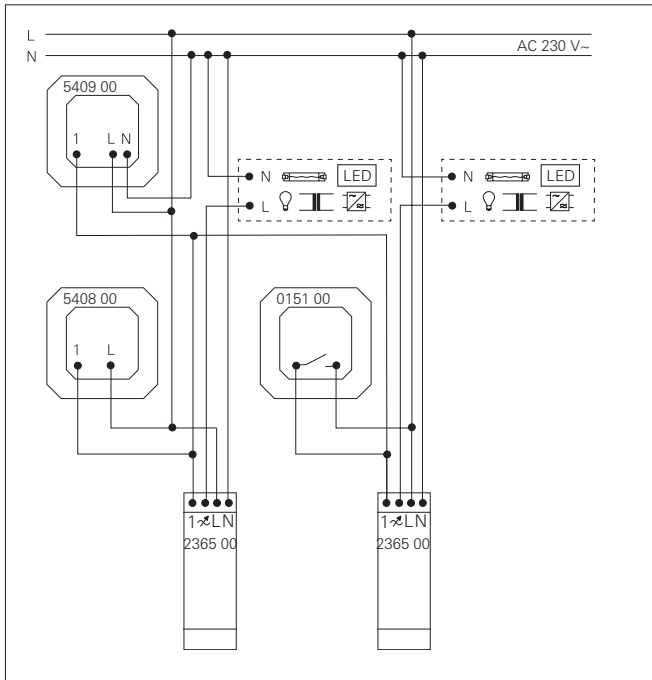
R, L, C, LED (factory preset)
HV LED (trailing edge), inductive transformers not permissible
HV LED (leading edge), inductive transformers not permissible



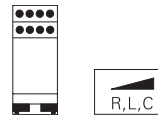
**System 3000
Universal LED dimmer DRA**
Order No. 2365 00

Technical data

Rated voltage U_N :	AC 230 V~, 50/60 Hz
Ambient temperature:	-5 °C to +45 °C
Standby:	0.3W
Connected load at 25 °C:	
- HV LED lamps (leading edge)	typically 3 to 100W
- HV LED lamps (trailing edge)	typically 3 to 200W
- Compact fluorescent lamps	typically 3 to 100W
- Light bulbs	20 to 420W
- HV halogen	20 to 420W
- Gira Tronic transformers	20 to 420W
- Electronic transformer with NV-LED	typically 20 to 100W
- Wound transformer	20 to 420VA
- Wound transformer with NV-LED	typically 20 to 100VA
Dimensions:	2 MW
Auxiliary units:	Mech. button, System 3000 auxiliary units
Installation:	in accordance with DIN EN 60715 in sub-distribution
Total length	
Auxiliary unit cable:	max. 100 m
Load cable:	max. 100 m



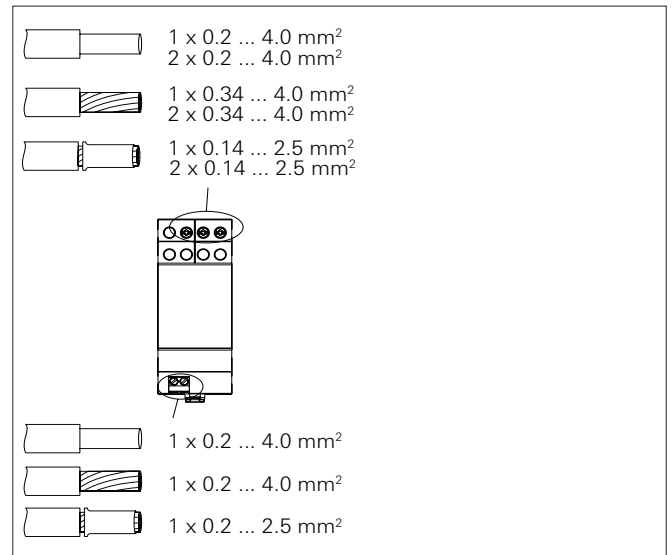
Connection of two universal dimmers with a central auxiliary unit



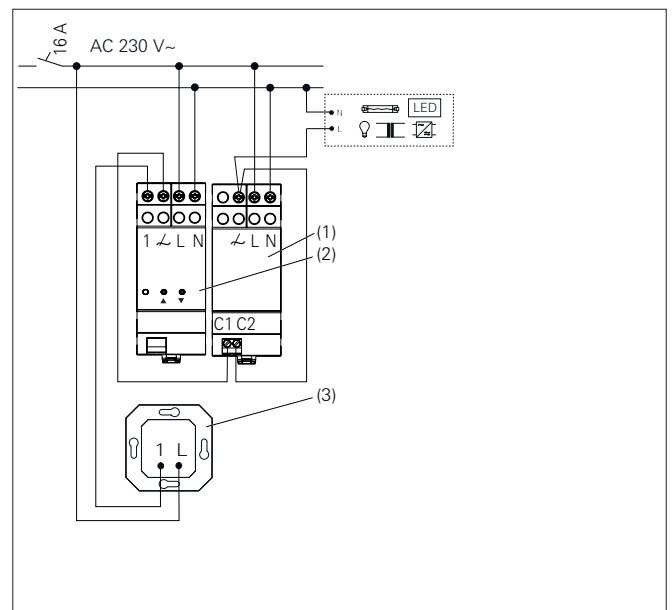
**System 3000
Universal LED power booster
DRA**
Order No. 2383 00

Technical data

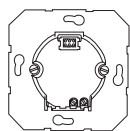
Rated voltage U_N :	AC 230 V~, 50/60 Hz
Ambient temperature:	-5 °C to +45 °C
Standby:	0.3W
Connected load at 45 °C:	
- HV LED lamps (leading edge)	75 to 100W
- HV LED lamps (trailing edge)	200W
- Light bulbs	200 to 420W
- HV halogen	200 to 420W
- Gira Tronic transformers	200 to 420W
- Wound transformer	200 to 420VA
Dimensions:	2 MW
Installation:	in accordance with DIN EN 60715 in sub-distribution
Total length	
Load cable:	max. 100 m
Overview of possible dimmers:	see page 635.



Connectable line cross-sections



Connection of power booster (1), 2383 00 to System 3000 universal LED dimmer DRA (2) 2365 00 and System 3000 auxiliary insert, 2-wire (3) 5408 00.



**System 3000
Impulse insert**
Order No. 5410 00

Technical data

Rated voltage U_N : AC 230V~, 50Hz
 Current consumption: approx. 2.8mA
 Standby: 0.25 to 0.45W
 Installation depth: 24mm
 Ambient temperature: -5°C to +45°C

Impulse inserts	Non-illuminated buttons	Illuminated buttons			
		0.35mA	0.8mA	1.5mA	2.8mA
1	any	106	46	24	13
2	any	98	43	22	12
3	any	90	39	21	11
4	any	82	36	19	10
5	any	74	32	17	9
6	any	66	29	15	8
7	any	58	25	13	7
8	any	50	22	11	6
9	any	42	18	9	5
10	any	34	15	8	4
11	any	26	11	6	3
12	any	18	8	4	2
13	any	10	4	2	1
14	any	2	1	-	-



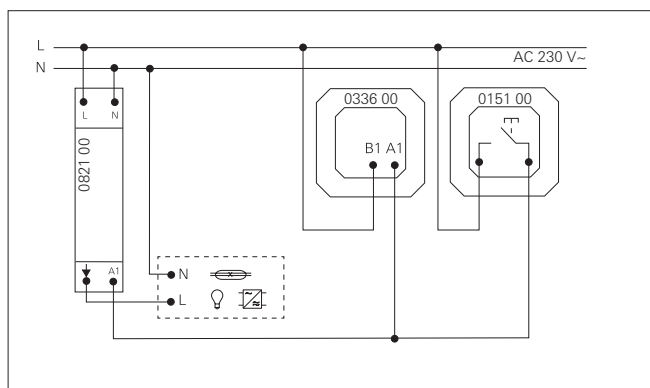
**Automatic staircase lighting
mechanism**
Order No. 0821 00

Technical data

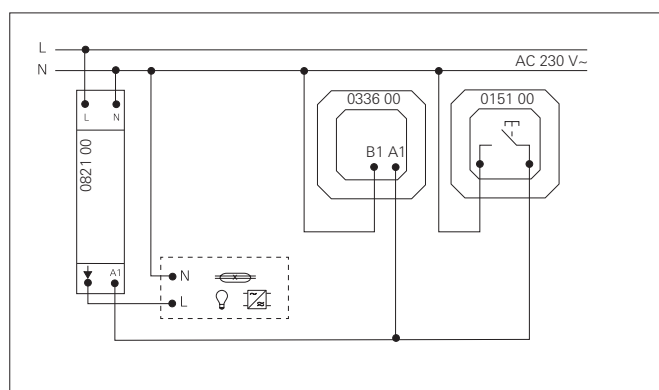
Rated voltage U_N : AC 230V~, 50Hz
 Current load of the control input: max. 40mA
 Contact rating*:
 - Light bulbs 2300W
 - HV halogen 2300W
 - Gira Tronic transformers 1500W
 - Conventional transformers 1000VA
 - Fluorescent lamps, not compensated 1200VA
 - Fluorescent lamps, with parallel compensation 920VA
 - Fluorescent lamps, duo-circuit 2300VA
 - HV LED 400W
 Ambient temperature: +5°C to +45°C

* Note

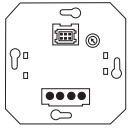
Watch out for high inrush peak currents when using "energy saving lamps". Check suitability of the lamp before use (→675).



Connection of 4-conductor circuit (sampled phase)



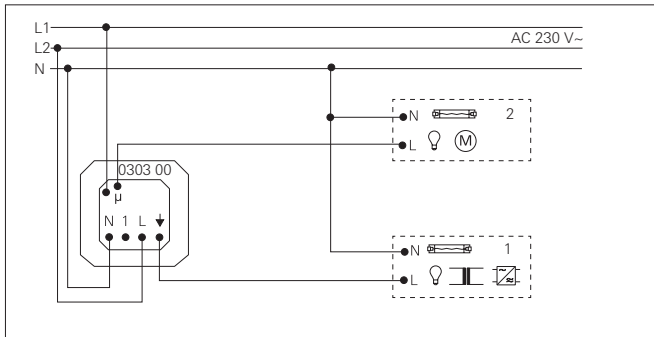
Connection of 3-conductor circuit (sampled zero conductor)



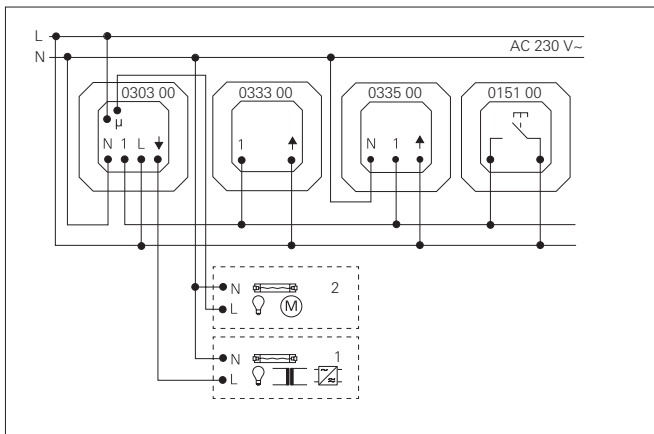
System 2000 HVAC relay insert
Order No. 0303 00

Technical data

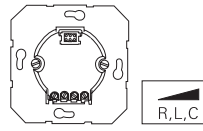
Rated voltage U_N : AC 230 V~, 50/60 Hz
 Ambient temperature: +5°C to +35°C
 Connected load of Channel 1:
 - Light bulbs 1000 W
 - HV halogen 1000 W
 - Gira Tronic transformers 750 W
 - Conventional transformers 750 VA
 - Fluorescent lamps, not compensated 500 VA
 Connected load of Channel 2:
 - Light bulbs 800 W
 - HV halogen 750 W
 - Motor load with a max. switch-on current of 2.1 A 450 VA
 Number of auxiliary units:
 - System 2000 auxiliary unit **0333 00**, mech. button Unlimited
 - System 2000 auxiliary unit for presence detector and automatic control switch **0335 00** 10
 Total length
 Auxiliary unit cable: max. 100 m
 Circuit breaker: max. 10 A
 (Carry out pursuant to local directives)
 Switching contact: Relay contact with mains potential (same external conductor as supply voltage from insert)
 Delay time:
 Max. switch-on current of 2.1 A Determined by top unit
 Max. switch-on current of 2.1 A
 Switching contact: Zero-voltage relay contact, suitable for switching a second external conductor, no SELV



Connection of System 2000 HVAC relay insert (2 phases)
1 = Channel 1
2 = Channel 2



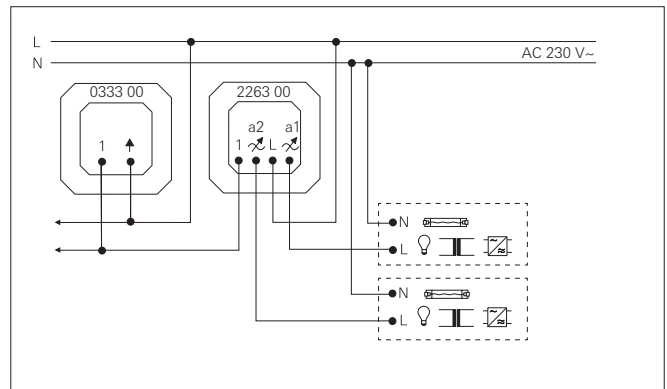
Connection of various auxiliary unit inserts to a System 2000 HVAC relay insert.
1 = Channel 1
2 = Channel 2



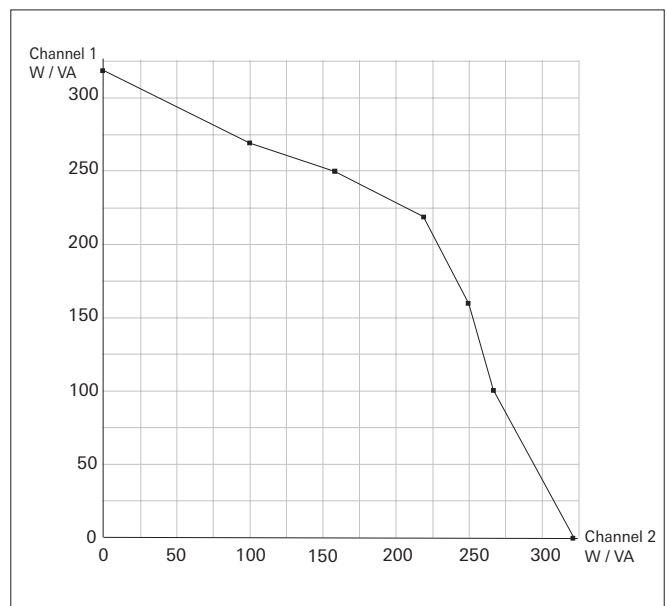
Universal series dimming insert (touch dimmer)
Order No. 2263 00

Technical data

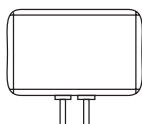
Rated voltage U_N : AC 230 V~, 50/60 Hz
 Ambient temperature: +5°C to +45°C
 Connected load at 25°C per channel:
 (Load types)
 - 230 V light bulbs (ohmic load, **trailing edge**) 50 to 220 W/VA (at 45°C)
 - HV halogen lamps (ohmic load, **trailing edge**) 50 to 220 W/VA (at 45°C)
 - Tronic transformers (capacitive load, **trailing edge**) 50 to 220 W/VA (at 45°C)
 - Conventional transformers (inductive load, **leading edge**) 50 to 220 W/VA (at 45°C)
 - For mixed loads of the specified conventional transformers, do not exceed a 50% ohmic load. 50 to 220 W/VA (at 45°C)
 Auxiliary units: System 2000 auxiliary unit **0333 00** Unlimited
 Number of auxiliary units: Unlimited
 Total length
 Auxiliary unit cable: max. 100 m



Connection of universal series dimmer.



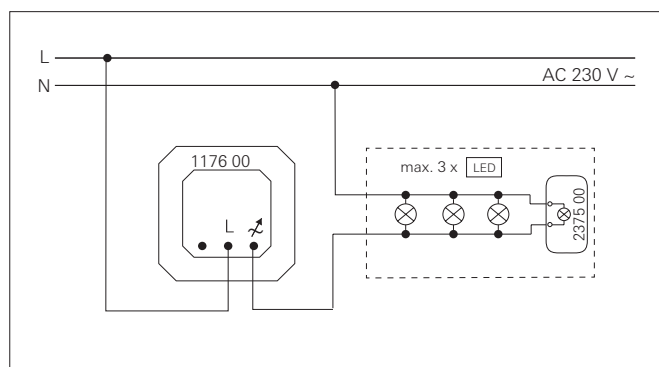
Load distribution at 45°C



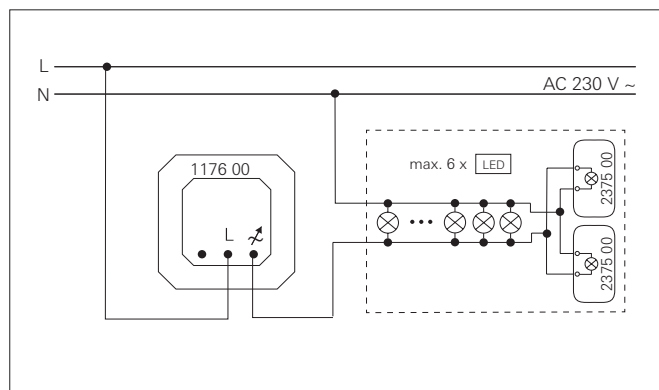
Compensation module LED
Order No. 2375 00

Technical data

Rated voltage U_N : AC 230 V~, 50/60 Hz
 Storage and transport temperature: -25°C to +75°C
 Ambient temperature: -5°C to +45°C
 Connected load at 25°C:
 - in trailing edge approx. 3 to 200 W
 - in leading edge approx. 3 to 100 W
 Power loss: max. 2 W
 Housing temperature: max. 65°C (tc)
 Cable length: approx. 150 mm
 Dimensions (W x H x D) in mm: 43.0 x 11.5 x 28.5
 Installation:
 - Lamp housing
 - Device box pursuant to DIN 49073
 - Sub-distribution



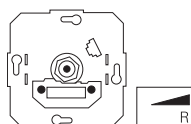
Connection of a compensation module LED



Connection of two compensation modules LED, connected in parallel

Please note:

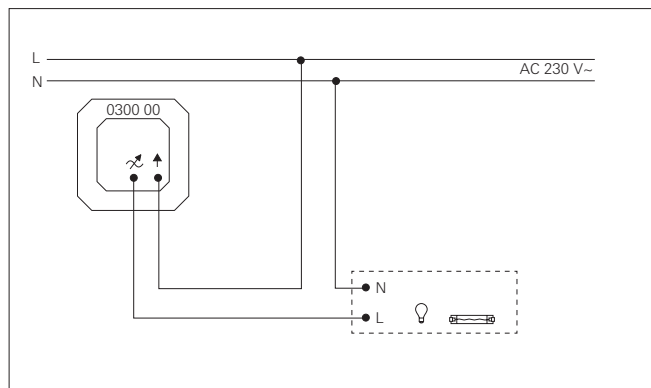
The dimming behaviour of HV LED lamps in trailing edge Gira Tronic dimmers and Gira universal dimmers is improved.
 Prevents HV LED lamps in leading edge or trailing edge Gira Tronic and Gira universal dimmers, and in switches with a lighting element of up to 3 mA from glowing when switched off.
 The dimming results and dimming quality can vary in accordance with light sources, cable lengths, grid conditions and other factors of influence.



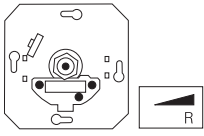
LED dimming insert with rotary on/off switch
Order No. 0300 00

Technical data

Rated voltage U_N : AC 230 V~, 50 Hz
 Ambient temperature: -5°C to +45°C
 Standby power: approx. 0.2 W
 Power loss: 3.7 W
 Connected load at 25°C:
 - 230 V light bulbs 20 to 200 W
 - HV halogen lamps 20 to 200 W
 - HV LED (leading edge), typ. 3 to 40 W
 - Mixed load ohmic and HV-LED 3 to 40 W
 Micro-fuse: T 1 H 250



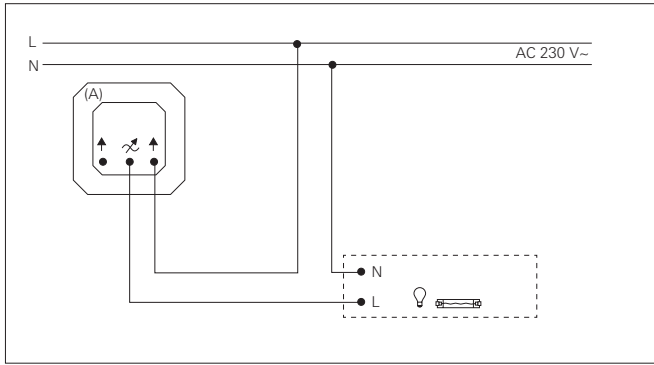
Connection of LED dimmer with rotary on/off switch



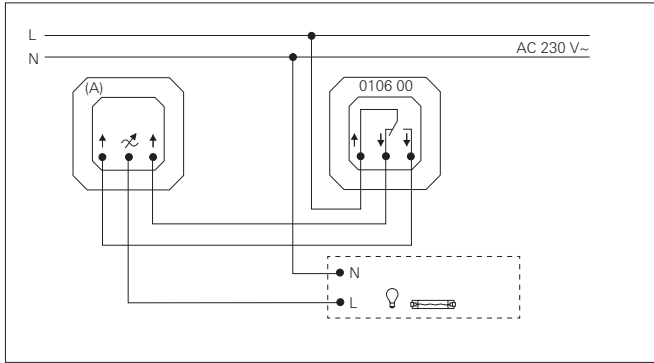
Light bulb dimming insert with pressure/2-way switch
 Order No. 0301 30
 Order No. 1181 00

Technical data

Rated voltage U_N : AC 230 V~, 50 Hz
 Ambient temperature: +5°C to +45°C
 Connected load at 25°C:
 - 230 V light bulbs
 60 to 450 W (0301 30)
 60 to 600 W (0302 00)
 100 to 1000 W (1181 00)
 - HV halogen
 60 to 450 W (0301 30)
 60 to 600 W (0302 00)
 100 to 1000 W (1181 00)
 - Mixed loads of specified load types
 60 to 450 W (0301 30)
 60 to 600 W (0302 00)
 100 to 1000 W (1181 00)
 Fuse protection: T 2.5 H 250 V
 (0301 30, 0302 00)
 electron. short-circuit protection (1181 00)
 2-way wiring: via mechanical 2-way switches;
 2-way wiring with 2 dimmers is **not possible**



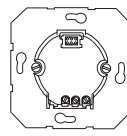
Connection of light bulb dimmer



2-way wiring

Explanation of (A)

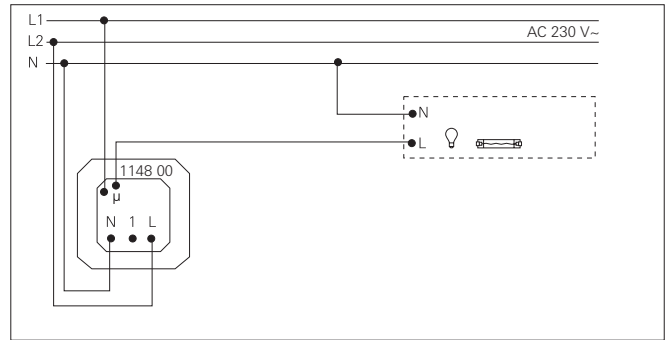
- 0301 30 Light bulb dimmer with pressure/2-way switch and inscription space (WP SM)
- 0302 00, 1181 00 Light bulb dimming insert with pressure/2-way switch



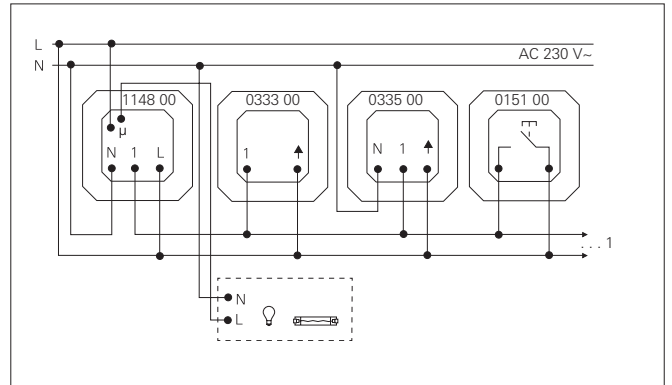
System 2000
Zero-voltage relay insert
 Order No. 1148 00

Technical data

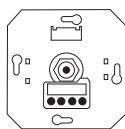
Rated voltage U_N : AC 230 V~, 50/60 Hz
 Ambient temperature: +5°C to +35°C
 Connected load:
 - Light bulbs 800 W
 - HV halogen 750 W
 - Mixed loads of specified load types permitted
 Minimum load: 12 V, 100 mA
 Number of auxiliary units:
 - System 2000 auxiliary unit **0333 00**, mech. button Unlimited
 - System 2000 auxiliary unit for presence detector and automatic control switch **0335 00** 10
 Total length
 Auxiliary unit cable: max. 100 m
 Circuit breaker: Carry out pursuant to local directives, but no more than 10 A
 Zero-voltage relay contact, suitable for switching a second external conductor, no SELV
 Switching contact:



Connection of System 2000 zero-voltage relay insert



Connection of various auxiliary unit inserts to a System 2000 zero-voltage relay insert.
 1 = Further auxiliary units.



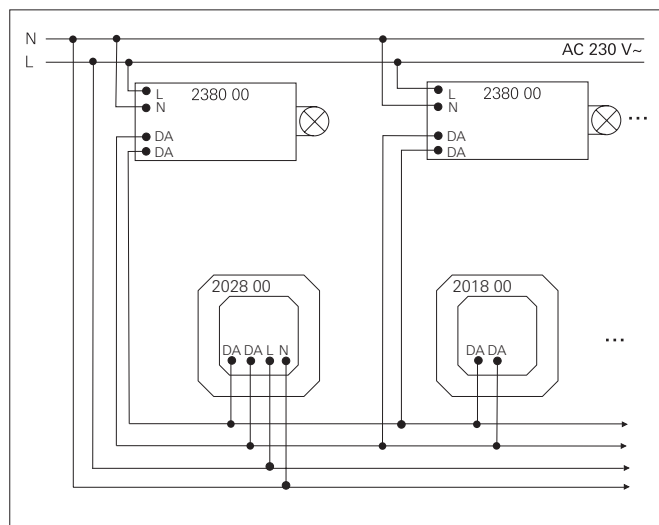
DALI potentiometer with integrated power supply unit
 Order No. 2028 00
DALI potentiometer
 Order No. 2018 00

Technical data 2028 00

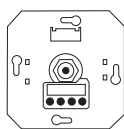
Rated voltage: AC 230 V~, 50/60 Hz
 DALI rated voltage: DC 16V (typ.)
 Power consumption: max. 2W
 Output current: max. 52 mA
 Ambient temperature: -5°C to +45°C
 Number of DALI devices: max. 26
 Number of act. DALI potentiometers: max. 4

Technical data 2018 00

Current consumption: max. 2 mA
 Ambient temperature: -5°C to +45°C



Connection of DALI potentiometer



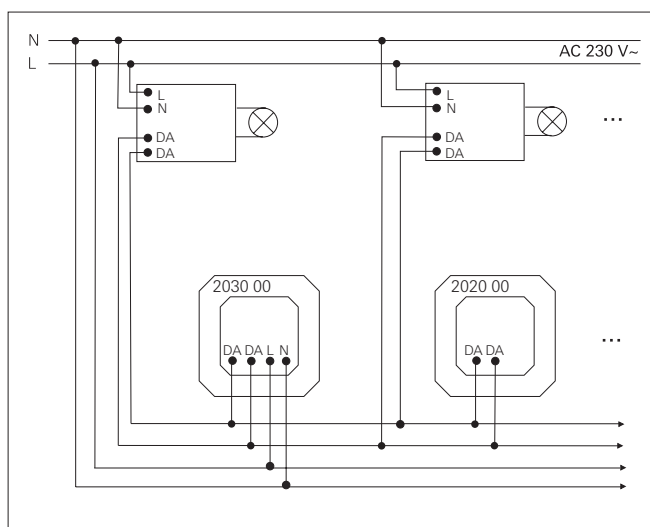
DALI potentiometer Tunable White with integrated power supply unit
 Order No. 2030 00
DALI potentiometer Tunable White
 Order No. 2020 00

Technical data 2030 00

Rated voltage: AC 230 V~, 50/60 Hz
 DALI rated voltage: DC 16V (typ.)
 Power consumption: max. 2W
 Output current: max. 52 mA
 Colour temperature adjustment: 2000 to 10000 K
 Ambient temperature: -5°C to +45°C
 Number of DALI devices: max. 26
 Number of act. DALI potentiometers: max. 4

Technical data 2020 00

Current consumption: max. 2 mA
 Ambient temperature: -5°C to +45°C

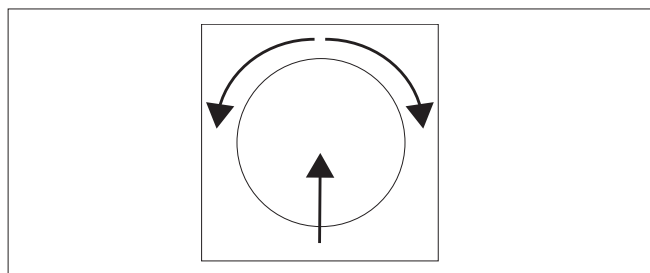


Connection of DALI potentiometer Tunable White

Please note:

The colour temperature can only be adjusted for lights with DALI device type 8 Tunable White in accordance with IEC 62386-209.

Setting the colour temperature of the light

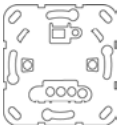


Setting the colour temperature in the DALI potentiometer Tunable White

Press and turn the actuation knob.

Turn left = warmer light (reduce colour temperature)

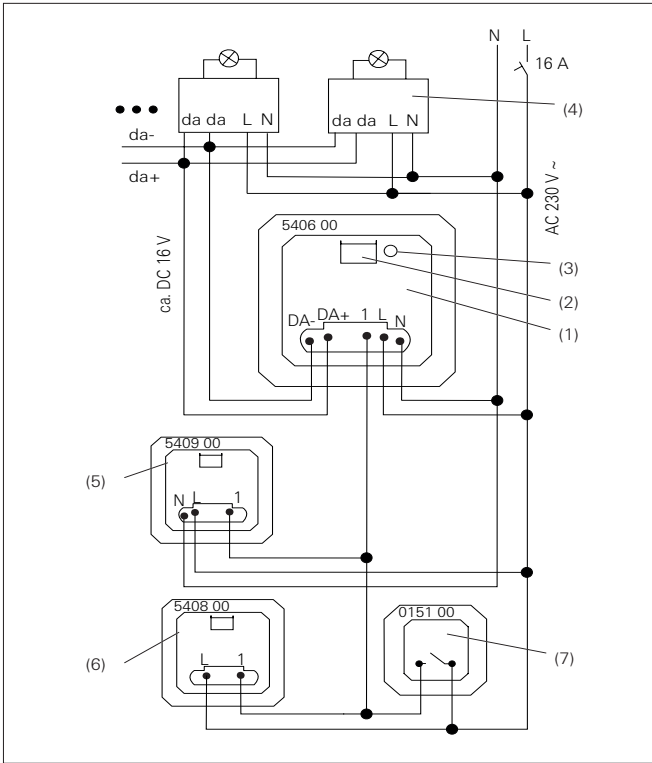
Turn right = colder light (increase colour temperature)



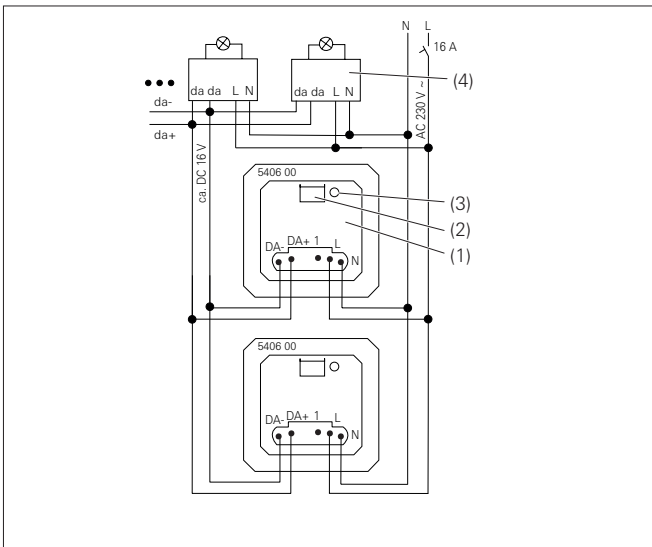
System 3000
DALI Power control unit,
flush-mounted insert
 Order No. 5406 00

Technical data

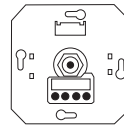
Rated voltage:	AC 230 V ~, 50/60 Hz
Power consumption:	max. 2.8 W
DALI rated voltage:	DC 16 V (typ.)
Output current:	max. 36 mA
Colour temperature adjustment:	2000 to 10000 K
Ambient temperature:	-5 °C to +45 °C
Number of DALI devices:	max. 18
Number of parallel DALI Power control units:	max. 4



Connection of DALI Power control unit. (1) DALI insert, (2) Top unit interface with LED, (3) "Test" button, (4) DALI device, (5) 3-wire auxiliary unit, (6) 2-wire auxiliary unit, (7) Button, NO contact



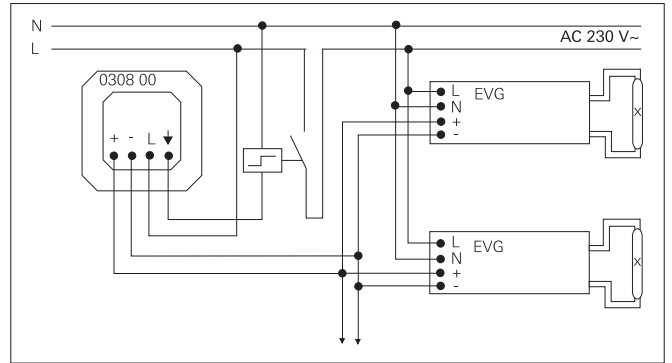
Parallel connection of DALI Power control unit. (1) DALI insert, (2) Top unit interface with LED, (3) "Test" button, (4) DALI device



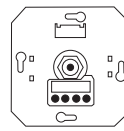
Electronic potentiometer
insert for 1-10V control input
with button function
 Order No. 0308 00

Technical data

Control voltage:	0.7-12 V
Control current:	max. 50 mA
Micro-fuse:	F 500 H 250
Contact rating of the mains button:	AC 230 V~, max. 2 A
Max. clampable cable cross-section:	2 x 2.5 mm ² or 1 x 4 mm ²



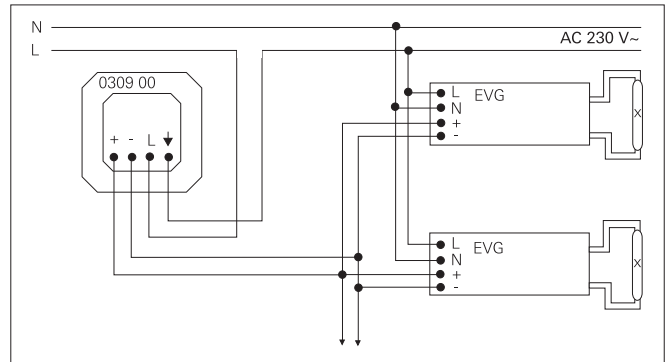
Connection of electronic potentiometer with button function to electronic ballast



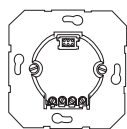
Electronic potentiometer
insert for
1-10V control input with
switching function
 Order No. 0309 00

Technical data

Control voltage:	0.7-12 V
Control current:	max. 50 mA
Micro-fuse:	F 500 H 250
Contact rating of the mains button:	AC 230 V~, max. 2 A
Max. clampable cable cross-section:	2 x 2.5 mm ² or 1 x 4 mm ²



Connection of electronic potentiometer with switching function to electronic ballast



System 2000
control unit insert 1–10V
 Order No. 0860 00

Technical data

Rated voltage U_N : AC 230 V~, 50 Hz
 Ambient temperature: +5 °C to +45 °C
 Connected load at 25 °C:
 - 700 W light bulbs
 - Type-dependent electronic ballast

Number of auxiliary units:
 - System 2000 auxiliary unit **0333 00**, mech. button Unlimited
 - System 2000 auxiliary unit for presence detector and automatic control switch **0335 00** 10

Total length

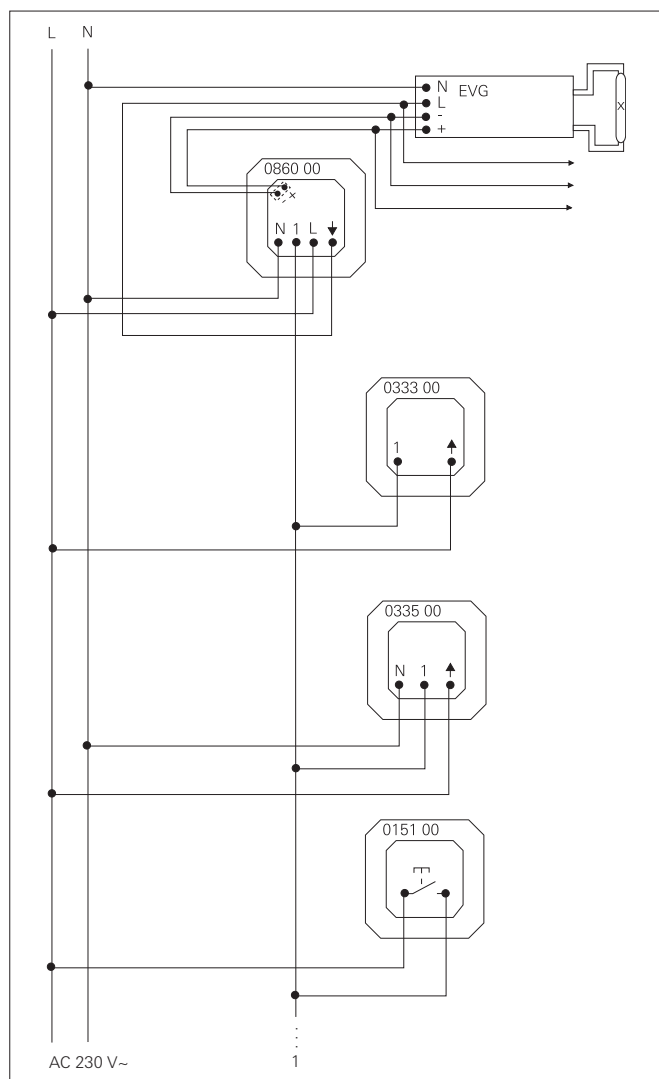
Auxiliary unit cable: max. 100 m

Control voltage: 0.5 to 10 V

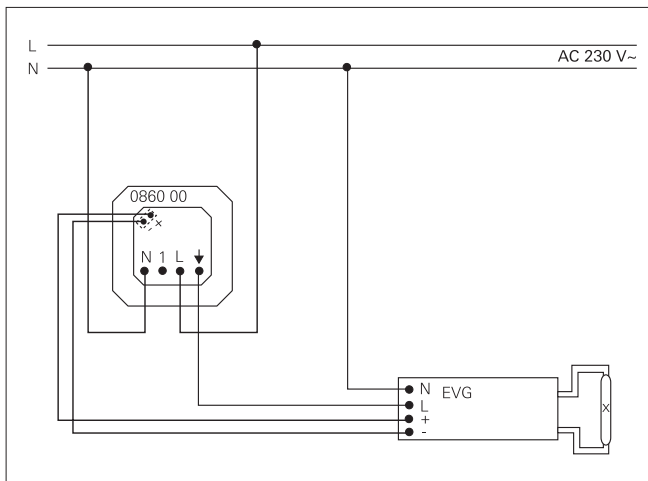
Control current: max. 50 mA

Please note:

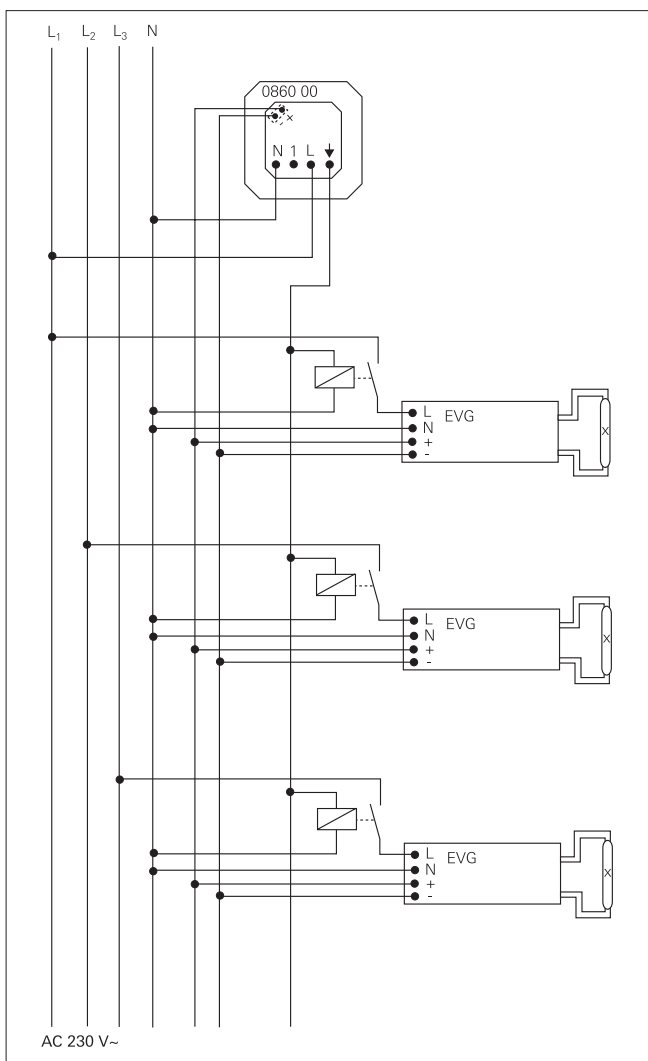
The number of electronic ballast or Tronic transformers which can be dimmed with a 1–10V control unit insert depends on the control current of the individual electronic ballasts or Tronic transformers and is type dependent.



Connection of various auxiliary unit inserts to a System 2000 1–10V control unit insert.
 1 = Further auxiliary units.



Control unit insert 1–10V



Division of the load into several phases.
 Ensure correct polarity with a multi-phase connection.



Control unit 1-10V
Order No. 0360 00

Technical data

Rated voltage U_N :	AC 230 V~, 50 Hz
Connected load:	
- Ohmic load	2300 W
- Electronic ballast, transformers	type-dependent
Control voltage:	1-10 V
Control current:	max. 200 mA
Switching contact:	Relay
Short-circuit protection:	10 A
(via circuit breaker)	
Electrical isolation 1-10V:	2 kV basic insulation
Max. ambient temperature:	+50 °C
Dimensions (L x W x H):	175 x 42 x 18 mm

Control unit 1-10V for switching and dimming fluorescent lamps via electronic ballast with 1-10V control input or electronic transformers with 1-10V control input. Operation via mechanical button (NO contact).

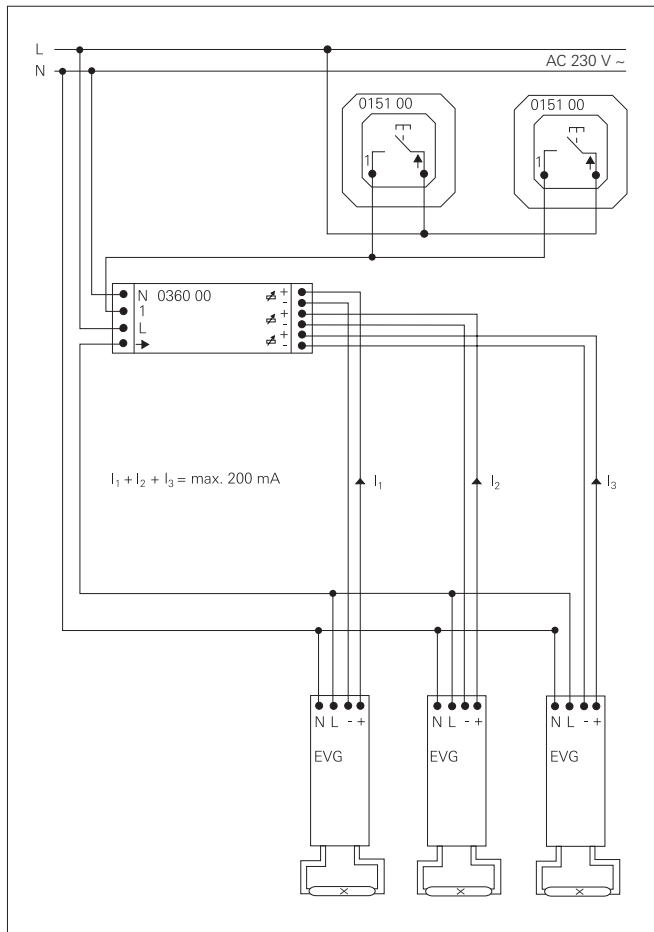
Installation instructions

Test electronic ballast for suitability before installation! Some electronic ballasts briefly switch the fluorescent lamps to the maximum brightness when the supply voltage is applied. Only after this time does such an electronic ballast react to the applied control voltage and set the brightness accordingly.

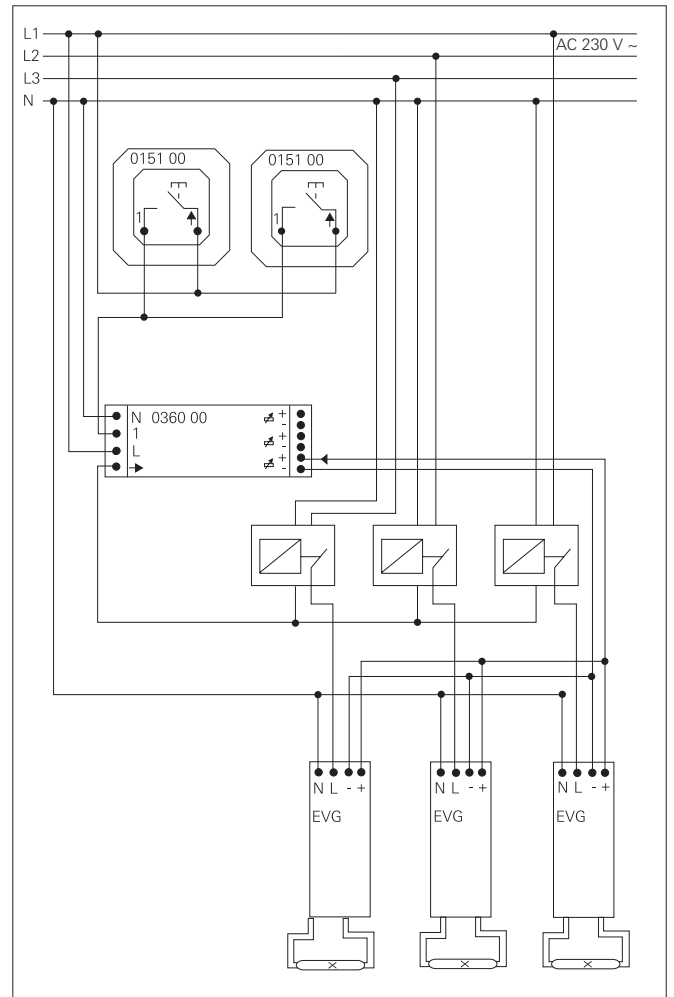
Use only electronic ballasts with a standardised interface pursuant to DIN EN 60928 (electrical isolation between mains supply and 1-10V input).

Use only electronic ballasts and fluorescent lamps or transformers from a single manufacturer and of a single type and power level.

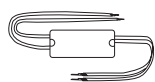
The maximum number of electronic ballasts or transformers which may be connected to the control unit for 1-10V control input is calculated from the sum of the control currents. With this, the total current of 200 mA may not be exceeded (see technical data from the transformer and electronic ballast manufacturer).



Control unit 1-10V connection



Control unit 1-10V connection in 3 phases



Tronic transformer 10 to 40W
Order No. 0367 00

Technical data

Dimensions (L x W x H):	73 x 36 x 18mm
Rated output:	10 to 40W T 50
Rated voltage U_N :	AC 230V~
Mains frequency:	50/60Hz
Output voltage:	11.7 V _{eff} ~ 50kHz
Primary current:	0.18A (40W)
Max. ambient temperature:	+50°C
Max. housing temperature:	+85°C
Max. length of secondary line pursuant to EN 55015:	2m



Tronic transformer 20 to 70W
Order No. 0366 00

Technical data

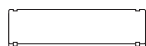
Dimensions (L x W x H):	49 x 48 x 28mm
Rated output:	20 to 70W T 50
Rated voltage U_N :	AC 230V~
Mains frequency:	50/60Hz
Output voltage:	11.7 V _{eff} ~ 40kHz
Primary current:	0.33A (70W)
Max. ambient temperature:	+50°C
Max. housing temperature:	+75°C
Max. length of secondary line pursuant to EN 55015:	2m



Tronic transformer 20 to 105W
Order No. 0371 00

Technical data

Dimensions (L x W x H):	105 x 50 x 29mm
Rated output:	20 to 105W T 45
Rated voltage U_N :	AC 230/240V~
Mains frequency:	50/60Hz
Output voltage:	11.3 V _{eff} ~ 40kHz
Primary current:	0.45A (105W)
Max. ambient temperature:	+45°C
Max. housing temperature:	+90°C
Max. length of secondary line pursuant to EN 55015:	2m



Tronic transformer 20 to 105W
Order No. 0365 00

Technical data

Dimensions (L x W x H):	175 x 42 x 18mm
Rated output:	20 to 105W T 50
Rated voltage U_N :	AC 230V~
Mains frequency:	50/60Hz
Output voltage:	11.8 V _{eff} ~ 40kHz
Primary current:	0.45A (105W)
Max. ambient temperature:	+50°C
Max. housing temperature:	+80°C
Max. length of secondary line pursuant to EN 55015:	2m



Tronic transformer 20 to 150W
Order No. 0373 00

Technical data

Dimensions (L x W x H):	176 x 42 x 38mm
Rated output:	20 to 150W T 50
Rated voltage U_N :	AC 230V~
Mains frequency:	50/60Hz
Output voltage:	11.7 V _{eff} ~ 40kHz
Primary current:	0.71A (150W)
Max. ambient temperature:	+50°C
Max. housing temperature:	+75°C
Max. length of secondary line pursuant to EN 55015:	2m



Tronic transformer 50 to 200W
Order No. 0375 00

Technical data

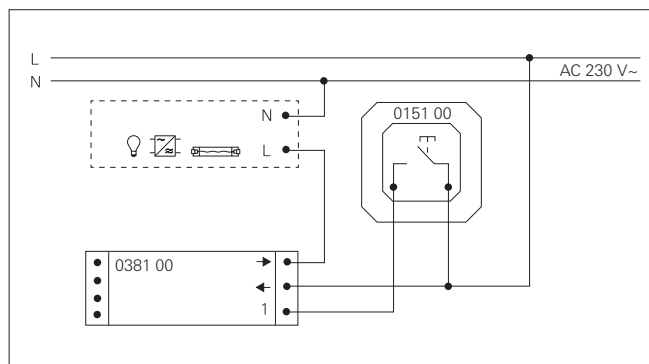
Dimensions (L x W x H):	212 x 49 x 46mm
Rated output:	50 to 210W T 45
Rated voltage U_N :	AC 230V~
Mains frequency:	50Hz
Output voltage:	11.7 V _{eff} ~ 40kHz
Primary current:	1A (210W)
Max. ambient temperature:	+45°C
Max. housing temperature:	+65°C
Max. length of secondary line pursuant to EN 55015:	2m



Tronic built-in dimmer
Order No. 0381 00

Technical data

Rated voltage U_N :	AC 230V~, 50Hz
Ambient temperature (T_a):	+45°C
Housing temperature (T_c):	+70°C
Connected load:	
- 230V light bulbs	50 to 700W
- Gira Tronic transformers	50 to 700W
- HV halogen	50 to 700W
- Mixed loads of specified load types	50 to 700W
Auxiliary units:	mechanical button (NO contact)
Dimensions (L x W x H):	212 x 48 x 46mm

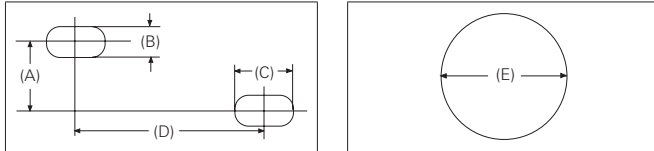


Connection of Tronic built-in dimmer

Tronic transformers

Dimensions

Transformer		Dimensions (mm)				
		(A)	(B)	(C)	(D)	(E)
0367 00	10 to 40 W	–	3.4	3.4	67	40
0366 00	20 to 70 W	–	3.5	3.5	60	53
0371 00	20 to 105 W	32	3.5	–	–	55
0365 00	20 to 105 W	32	4.5	8	148	54
0373 00	20 to 150 W	32	4.5	8	148	60
0375 00	50 to 200 W	36	4.5	8	181	63



Minimum ceiling opening (E) with standard intermediate ceiling height of 78 mm.

Power per cable	Cable cross section	Secondary line recommendation
≤ 35 W	≥ 0.75 mm ²	e. g. HH 03 VV-F 2 × 0.75 mm ²
40 W – 105 W	≥ 1.5 mm ²	e. g. H 05 VV-F 2 × 1.5 mm ²
110 W – 105 W	≥ 2.5 mm ²	e. g. H 05 VV-F 2 × 2.5 mm ²
155 W – 200 W	Power is to be divided over at least 2 cables. (at least 2 × 1.5 mm ²)	

Function

Insert for 12 V halogen lamps. Can be dimmed with Gira Tronic dimmer and Gira universal dimmer (trailing edge dimmer). Bulb-saving switch-on due to soft-start. Overload and excess-temperature protection via automatic power reduction (40/70/105/150 W transformers) or switch-off until cool-down (200 W transformer).

Short-circuit protection (40/70/105/150 W transformers)

Switch-off with automatic restart after elimination of short circuit. Short-circuit protection (200 W transformer): Switch-off with automatic restart after elimination of short circuit within five seconds. Any other switch-off remains so until manual switch-on. 200 W transformer also suitable for DC 230 V.

Installation instructions

Tronic transformers are spike-resistant in accordance with EN 61047. Install an isolated load circuit to protect against overloads (caused by switching fluorescent lamps, discharge lamps, motors and other inductive loads) for Gira Tronic dimmers, Gira universal dimmers and Gira Tronic transformers. If this is not heeded, defects may arise at the Gira Tronic transformer due to voltage spikes when switching the circuit. Note output range of the transformer. Underload could lead to flickering.



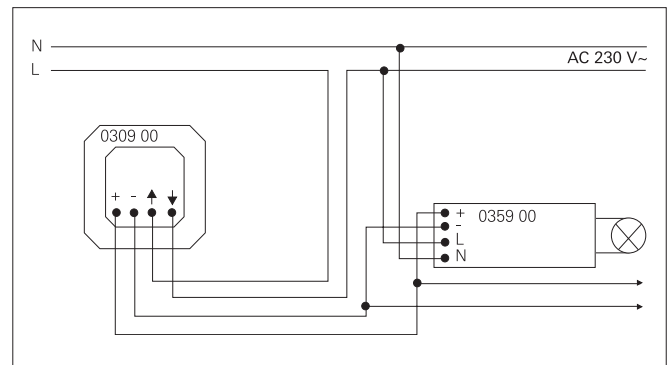
Tronic transformer with integrated 1–10V control device
Order No. 0359 00

Technical data

Rated voltage U_N : AC 230 V~, 50 Hz
 Rated output: 20 to 105 W
 Output voltage: 11.7 V_{eff} ~ 40 kHz
 Primary current: 0.45 A (105 W)
 Max. length of the secondary line: 2 m
 Min. distance to earthed surface: 40 cm
 Permissible number of secondary lines: 1

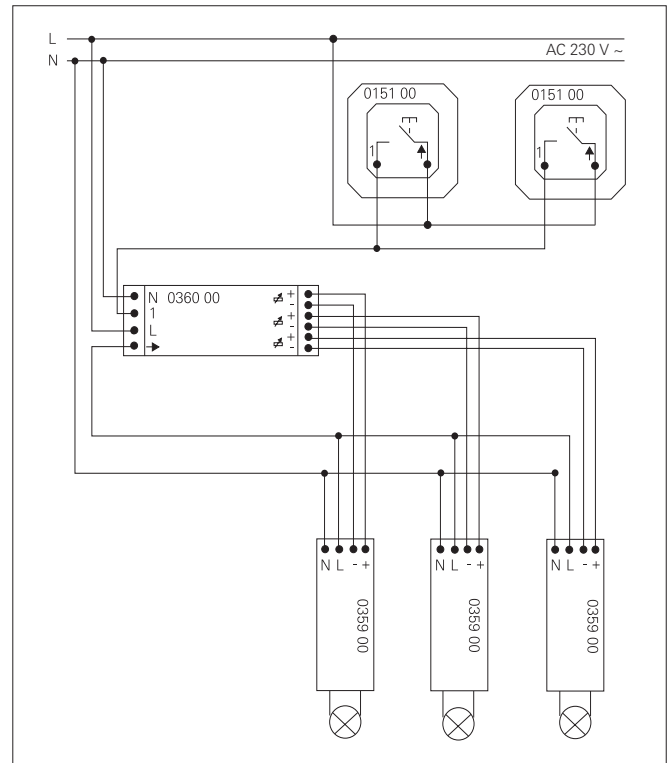
Technical data 1–10V interface

Control voltage: 1 to 10 V
 Control current: approx. 0.8 mA
 Electrical isolation 1–10V: 2 kV basic insulation
 Ambient temperature (T_a): max. +50°C
 Housing temperature (T_c): max. +100°C

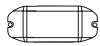


Potentiometer for 1–10V interface with Tronic transformer with integrated 1–10V control unit

The 1–10V top unit allows control of the Tronic transformer via the 1–10V interface. Control occurs via a 1–10V control unit such as the built-in control unit for 1–10V, electronic potentiometer for 1–10V control input or System 2000 1–10V control unit insert.



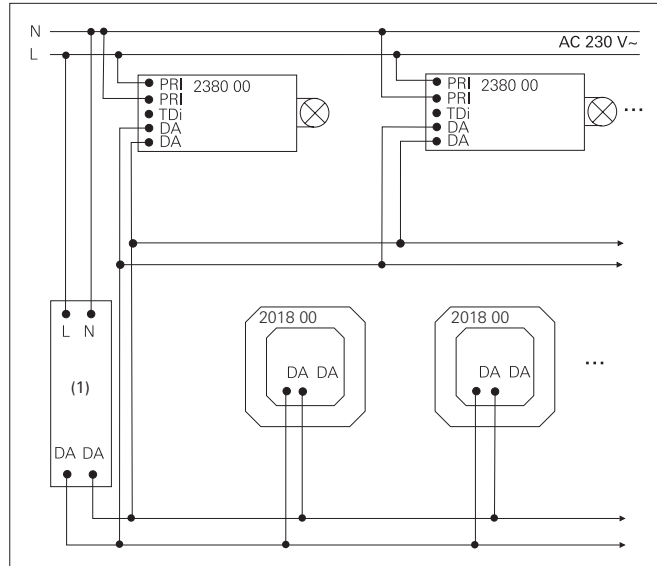
Control unit for 1–10V with Tronic transformer with integrated 1–10V control unit



DALI Tronic transformer
Order No. 2380 00

Technical data of the Tronic transformer

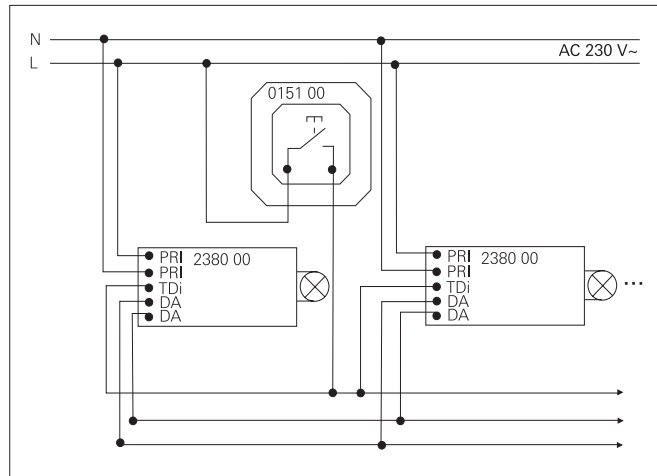
Rated voltage:	AC 230/240 V~, 50/60 Hz
Rated output:	35 to 105 W
Output voltage:	11.8 V _{eff}
Primary current:	0.16 A to 0.5 A
Max. length of secondary line:	2 m
Ambient temperature:	-20 °C to +50 °C
Dimensions (L x W x H):	170 x 44 x 34 mm



Connection of DALI potentiometer. (1) = DALI power supply

Note

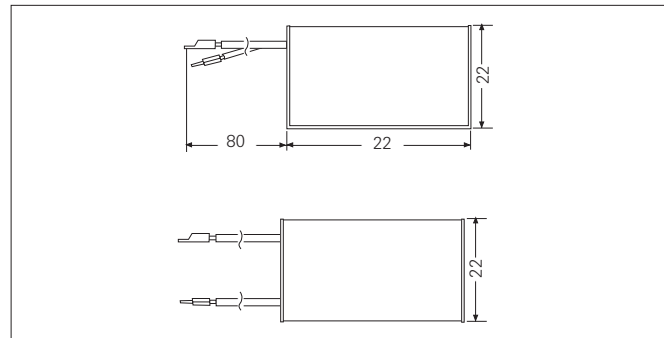
The DALI Tronic transformer can be operated either with a DALI potentiometer or a rocker button. Simultaneous operation with a DALI potentiometer and a rocker button is not possible.



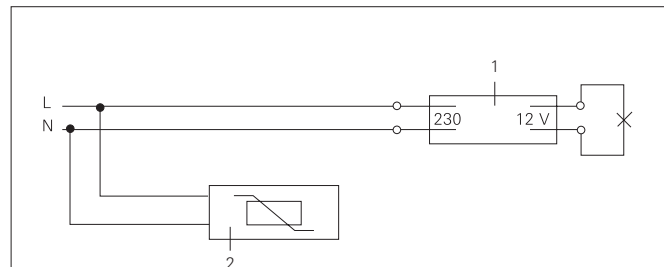
Overvoltage protection module
Order No. 0376 00

Technical data

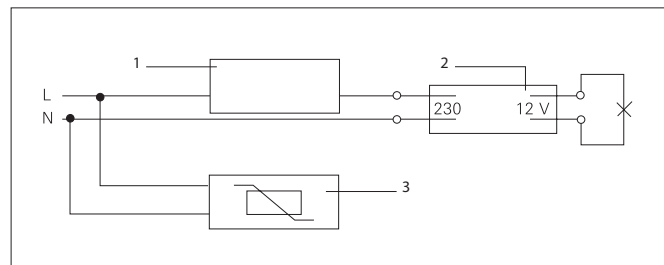
Rated voltage U _N :	AC 230 V~, 50 Hz
Rated leakage impulse current	4.5 kA (1x)
I _{SN} (8/20):	1.0 kA (100x)
Remaining voltage at I _S (kA):	approx. 1000 V
Ambient temperature:	-25 °C to +80 °C



Overvoltage protection module 230V~, 50Hz



Switching operation with overvoltage protection.
1 = Tronic transformer, 2 = Overvoltage protection

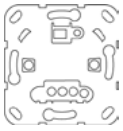


Dimming operation with overvoltage protection
1 = Universal dimmer or Tronic dimmer, 2 = Tronic transformer, 3 = Overvoltage protection

Overvoltage protection module

Tronic transformers are spike-resistant to 1500 V. To protect against high voltage overloads (occurring, for example, with the switching off of fluorescent lamps, discharge lamps and other inductive loads), install isolated load circuits for Tronic transformers and these devices. With these types of systems, we recommend using additional overvoltage protection on the primary side parallel to the Tronic transformers (check wiring diagram).

Reference value: One overvoltage protection unit is sufficient for approx. ten Tronic transformers per circuit. Only Tronic dimmers are to be used for dimming the Tronic transformers. In this case, the overvoltage protection unit is to be placed parallel to the series connection of Tronic dimmer to Tronic transformer (check wiring schematic).



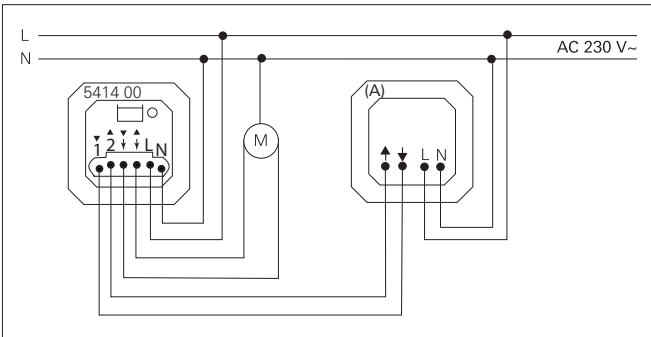
**System 3000
Blind controller insert with
auxiliary input**
Order No. 5414 00

Technical data

Rated voltage:	AC 230 V~, 50/60 Hz
Connected load of the motor:	max. 700 W
Standby power:	0.2 to 0.5 W
Contact type:	μ contact
Runtime:	approx. 120 seconds
Connection terminals:	
1-wire	from 0.5 to 4 mm ²
Fine-wire with core jacket	from 0.5 to 2.5 mm ²
Circuit breaker:	max. 16 A
Information in accordance with DIN EN 60730-1	
Method:	1.B
Pollution level:	2
Rated surge voltage:	4,000 V

Note

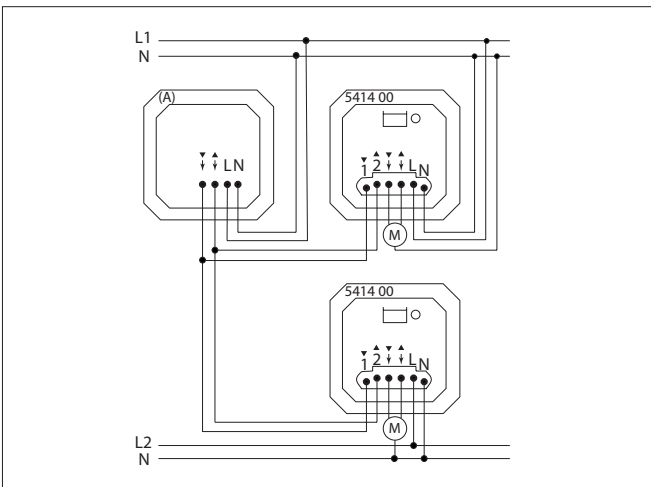
System 3000 control inserts can only be operated with System 3000 top units.



System 3000 blind control insert with auxiliary connection

Explanation of (A)

- 0154 00, 0157 00 Blind button or blind switch insert
- 0154 30 Water-protected surface-mounted blind button or blind switch
- 0158 13, 0159 13 Surface-mounted blind rocker button or blind rocker switch
- 0144 00, 0144 30 Key switch inserts, WP SM
- 0163 00, 0163 30 Key button inserts, WP SM
- 0913 00 Wind sensor as an auxiliary unit
- 5415 00 System 3000 blind control insert



Connection example: Group control, System 3000 blind control insert

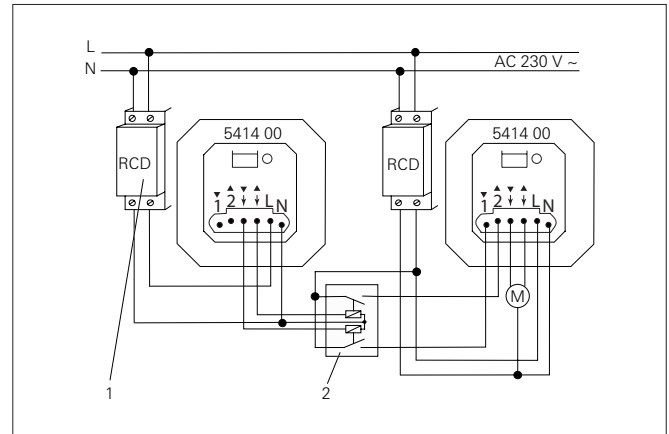
The "TEST" button allows you to control the connected motor without a top unit, e. g. in order to set the motor's end positions.

Note

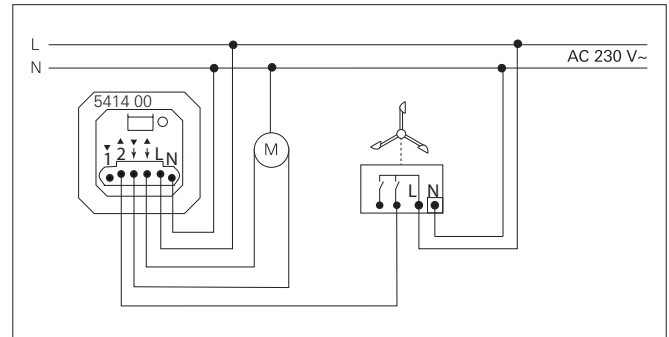
As long as there is an Up command on auxiliary unit input "2", the blinds can neither be operated manually nor automatically.

Perform blind control via different RCCB

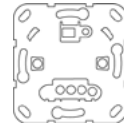
To avoid unwanted activation of the RCCB, the circuits must be decoupled via a blind cut-off relay.



Connection example of two RCD circuits
1 = RCCB, RCD
2 = Blind cut-off relay → page 656



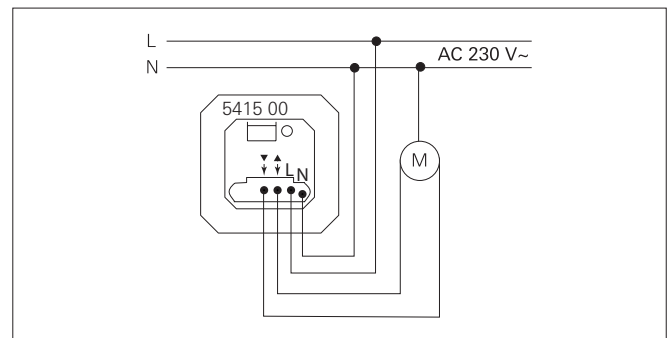
System 3000 blind control insert with wind sensor on auxiliary connection



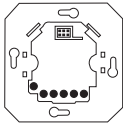
**System 3000
Blind control insert
without auxiliary input**
Order No. 5415 00

Technical data

Rated voltage:	AC 230 V~, 50/60 Hz
Connected load of the motor:	max. 700 W
Standby power:	0.2 to 0.5 W
Contact type:	μ contact
Runtime:	approx. 120 seconds
Connection terminals:	
1-wire	0.5 to 4 mm ²
Fine-wire with core jacket	0.5 to 2.5 mm ²
Circuit breaker:	max. 16 A
Information in accordance with DIN EN 60730-1	
Method:	1.B
Pollution level:	2
Rated surge voltage:	4,000 V



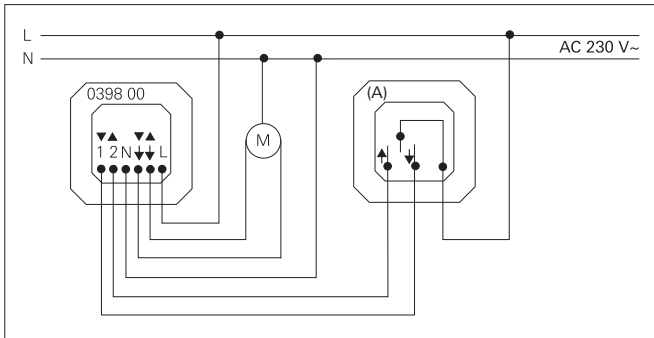
System 3000 blind control insert without auxiliary connection



Blind controller insert 230 V~ with auxiliary input
Order No. 0398 00

Technical data

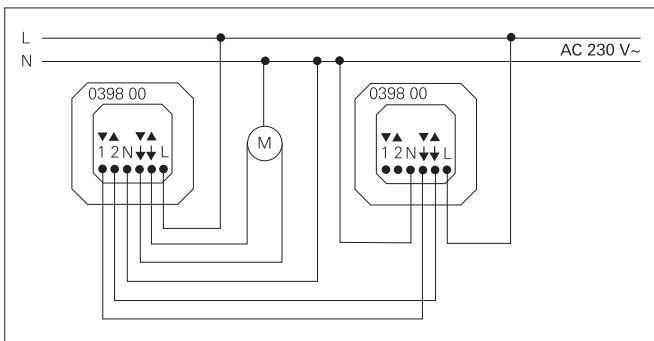
Rated voltage:	AC 230 V~, 50 Hz
(N conductor required)	
Switching capacity:	max. 1000 VA
Relay output:	2 equipotential-bonding NO contacts (interlocked)
	2 min
Pulse duration:	
Changeover time with extended run:	at least 1 s electronic lock via top unit
Connection terminals:	Screw terminals for max. 2.5 mm ² or 2 x 1.5 mm ²
Circuit breaker:	max. 16 A



Connection of blind controller insert with mechanical auxiliary unit (blind button with mechanical lock)

Explanation of (A)

0154 00, 0157 00	Blind button or blind switch insert
0154 30	Water-protected surface-mounted blind button or blind switch
0158 13, 0159 13	Surface-mounted blind rocker button or blind rocker switch
0144 00, 0163 00	Key switch inserts
0144 30, 0163 30	Water-protected surface-mounted key switches



Connection of blind controller insert to auxiliary unit

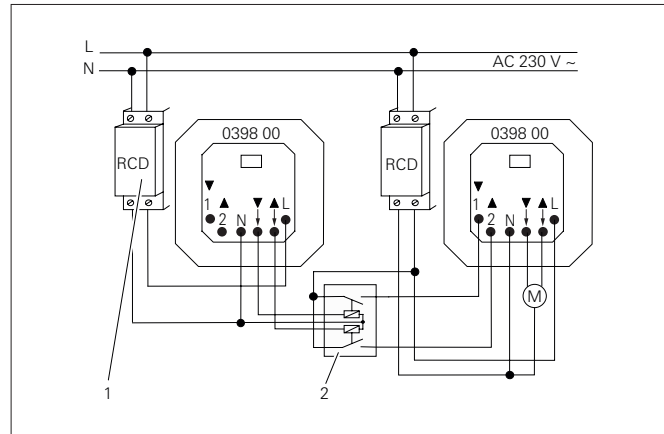
When using blind buttons, the blind controller insert does not switch to self-locking mode (extended run). The blind must be moved to the desired position via manual actuation. If this is not desired, use blind switches with mechanical locks.

Note

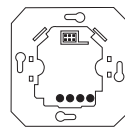
As long as a raise command is active at auxiliary input "2", the blind cannot be operated manually or automatically at the device itself.

Perform blind control via different RCCB

To avoid unwanted activation of the RCCB, the circuits must be decoupled via a blind cut-off relay.



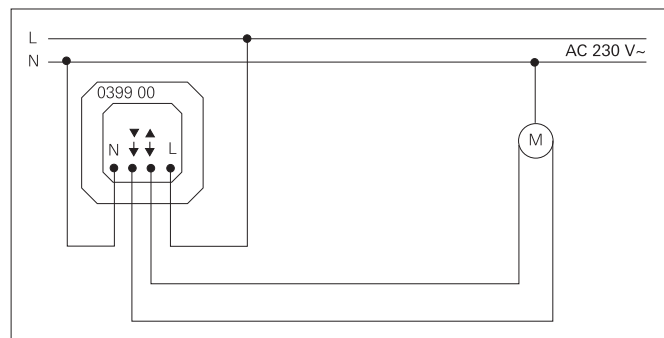
Connection example of two RCD circuits
1 = RCCB, RCD
2 = blind cut-off relay



Blind controller insert without auxiliary input
Order No. 0399 00

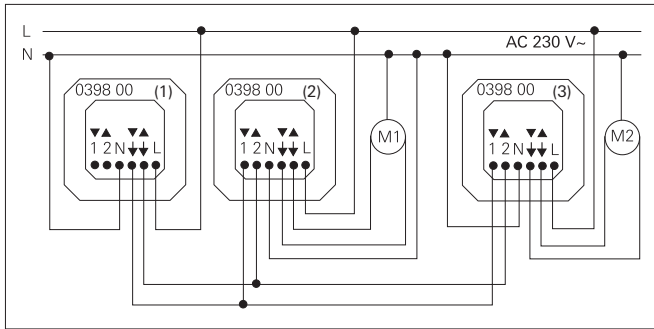
Technical data

Rated voltage:	AC 230 V~, 50 Hz
(N conductor required)	
Switching capacity:	max. 1000 VA
Relay output:	2 equipotential-bonding NO contacts (interlocked)
	2 min
Pulse duration:	
Changeover time with extended run:	at least 1 s (electronic lock via top unit)
Connection terminals:	Screw terminals for max. 2.5 mm ² or 2 x 1.5 mm ²



Connection of blind controller insert without auxiliary unit

Connection of group control / central control



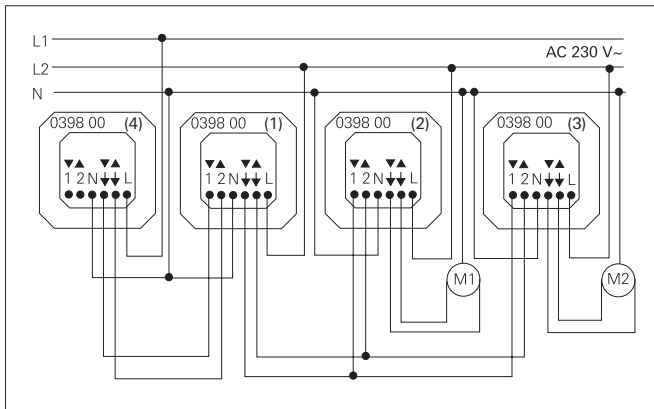
Connection of blind controller insert with "group control"

For example: Insert (1) with electronic blind controller. Insert (2) and (3) with control button. The automatic and manual control of both motors is performed "centrally" via insert (1) with electronic blind controller.

The switching commands are evaluated in the same way for both motors. This enables joint up or down movement of the connected motors (e.g. central raise command in the morning and central lower command in the evening for all connected blind motors). Motors M1 (insert (2)) and M2 (insert (3)) can also be operated manually via the control buttons. Additional inserts can be added, in accordance with the wiring diagram. Observe connection values of the circuit breakers.

Note

As long as a raise command is active at auxiliary input "2", the blind cannot be operated manually or automatically at the device itself.



Connection of blind controller insert with "central control"

The connection in several phases enables the central control to be installed on another level or in another room. Example with two blind motors: Insert (1), (2) and (3) with control button. Insert (4) with electronic blind controller. Motors M1 (insert (2)) and M2 (insert (3)) are operated manually via the control buttons.

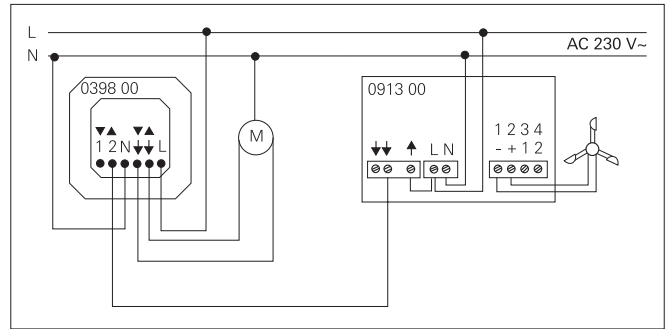
Both motors are operated simultaneously via insert (1). The automatic and manual control of both motors is additionally carried out "centrally" via insert (4) with electronic blind controller. The switching commands are evaluated in the same way for both motors. This enables the simultaneous up or down movement of the connected motors (e.g. central raise command in the morning and central lower command in the evening for all connected blind motors).

Additional inserts can be added, in accordance with the wiring diagram. Observe connection values of the circuit breakers.

Note

As long as a raise command is active at auxiliary input "2", the blind cannot be operated manually or automatically at the device itself.

Connection of wind alarm

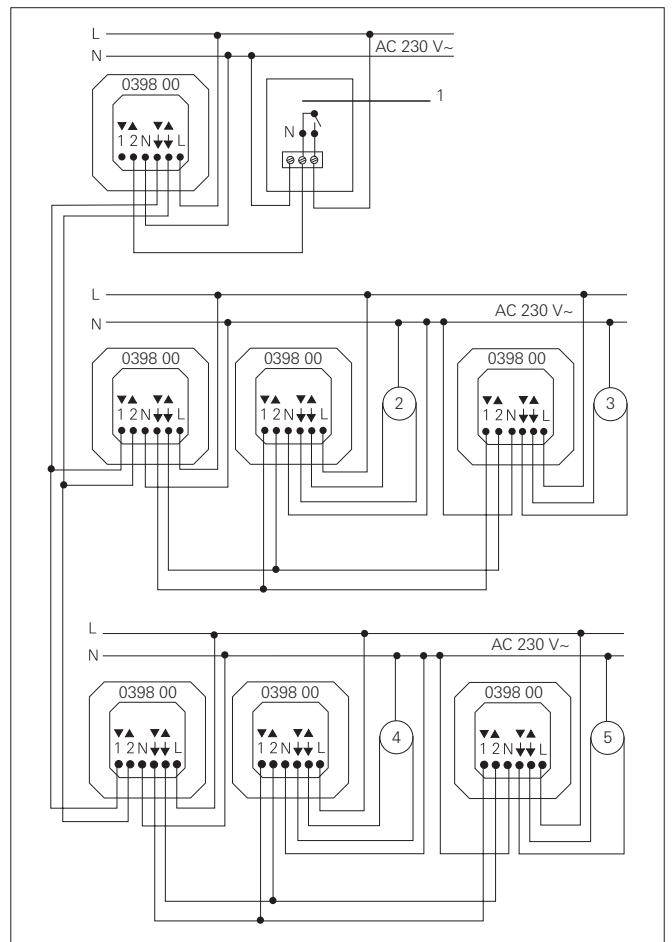


Connection of blind controller to wind alarm

Wind sensor (cup anemometer)

The wind sensor is installed on the roof or the side of the building. The wind sensor must be attached in a position that is conducive to wind-speed measurement. Do not install in a location that is sheltered from the wind. Ensure attachment in the correct position.

When connecting the wind sensor, use a shielded line (we recommend JY-ST-Y 2 x 0.6). The line may not be laid together with 230 V cables (risk of interference).

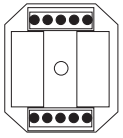


Connection of blind controller to wind alarm (central control with two groups)

With a wind alarm, the blind is raised and remains locked there until the wind dies down. This locking remains in effect as long as a raise command is active at auxiliary input "2". For this reason, the blind cannot be operated manually or automatically.

Note

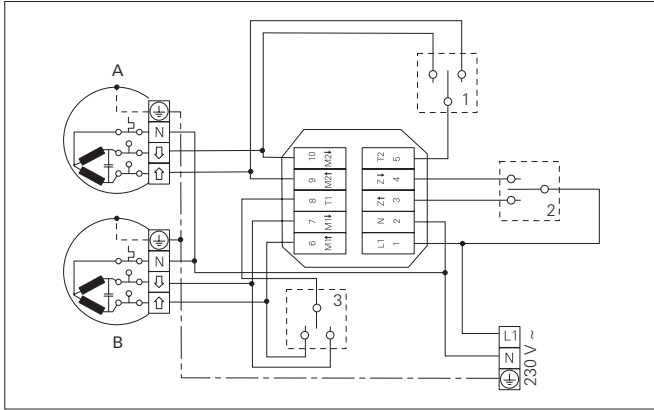
Glass-breakage sensors may not be used together with the wind sensor. The wind-protection function (blind moves up) is blocked after glass is broken and the blind or shutter remains closed.



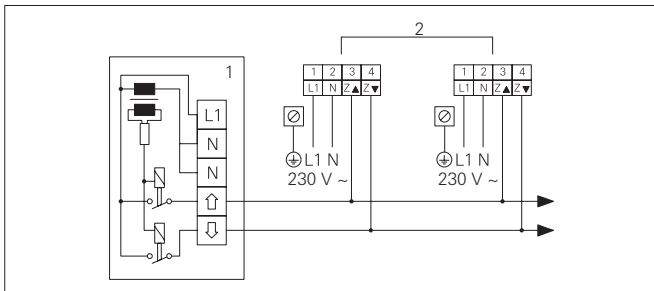
Cut-off relay
 Order No. 0382 00
 Order No. 0387 00
 Order No. 0861 00

Technical data

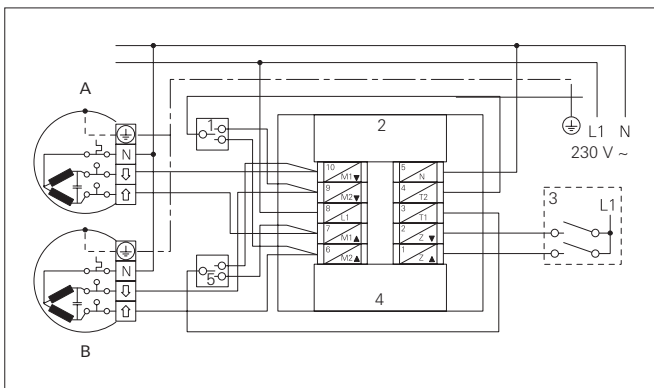
Mains: AC 230V~, 50 Hz
 Control: AC 230V~, 50 Hz
 Switching capacity: 4A, $\cos \phi \geq 0.8$



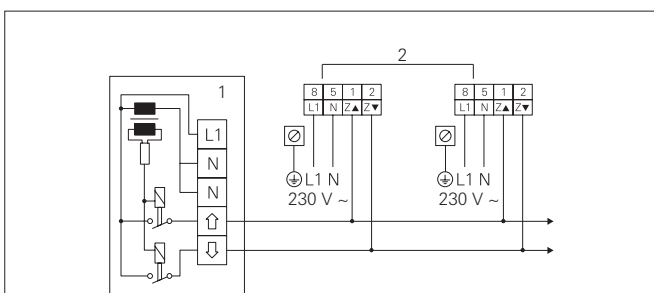
Connection diagram cut-off relay 0382 00
 A = Motor 2, B = Motor 1, 1 and 3 = Button locked, 2 = Central command



Parallel connection of cut-off relay 0382 00
 1 = Central control, 2 = Cut-off relay

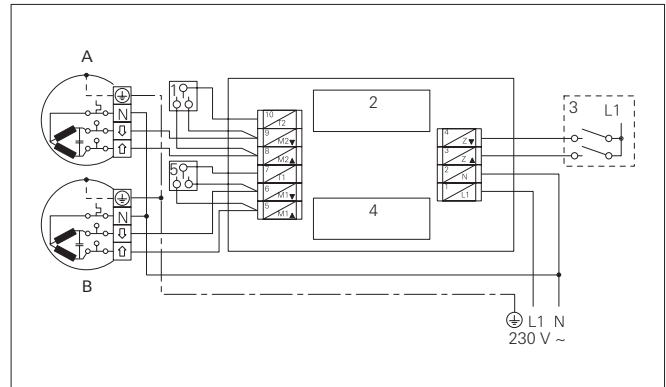


Connection diagram cut-off relay 0387 00
 A = Motor 1, B = Motor 2, 1 and 5 = Button locked, 2 and 4 = Cut-off relay, 3 = Central command

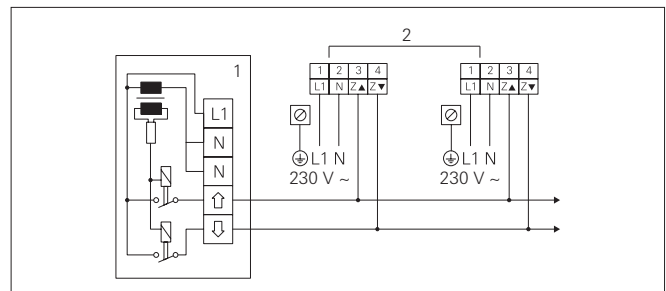


Parallel connection of cut-off relay 0387 00

1 = Central control, 2 = Cut-off relay



Connection diagram cut-off relay 0861 00
 A = Motor 2, B = Motor 1, 1 and 5 = Button locked, 2 and 4 = Cut-off relay, 3 = Central command



Parallel connection of cut-off relay 0861 00
 1 = Central control, 2 = Cut-off relay

Important!

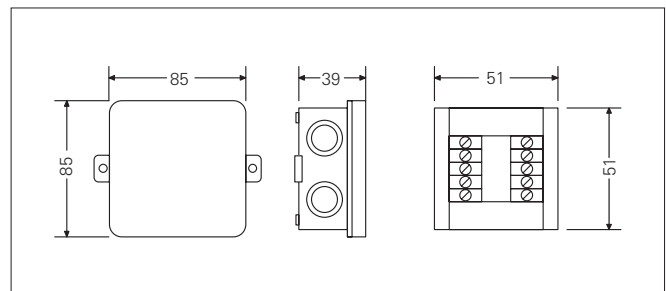
During connection, the relevant VDE requirements, especially DIN VDE 0100/0700, the regulations of the local power supply company and the accident prevention regulations are to be observed.

Please note:

If the power supply is via various RCCB, a cut-off relay must be used.

Operation

The cut-off relay is used for the simultaneous control of two drives. Individual operation of the drives is only possible with mechanically and electrically locked buttons. Mechanically or electrically locked buttons are suitable for use as a central control unit, as are all control units with 230V output and a fixed or settable motor running time, as long as this motor running time exceeds the actual moving time of the hanging. As long as a central command is active, no individual operation is possible.



Dimensions of cut-off relay 0387 00

Basics of the Gira observer systems

The Gira observer functions based on the principle of a passive infrared motion detector (PIR motion detector).

The Gira observer registers a movement of heat in its detection field which can be triggered by people, animals or objects. The device (e. g. a light) is switched on as soon as the heat source moves in the range of detection.

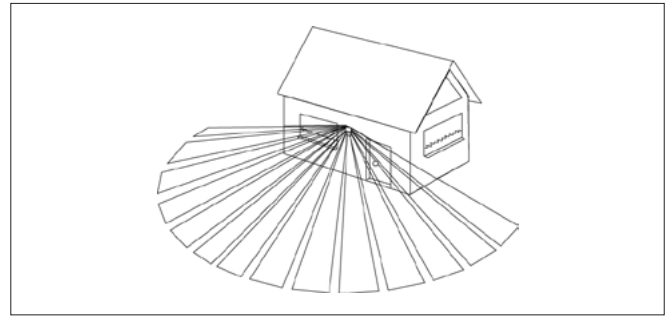
The observer remains switched on as long as motion can be detected and then switches off automatically when the settable delay time has lapsed. To avoid unwanted switching, influences from the environment are suppressed on the one hand by appropriate switching measures in the device and, on the other hand, minimised by selecting a suitable installation site.

Therefore it is important to note the following during installation:

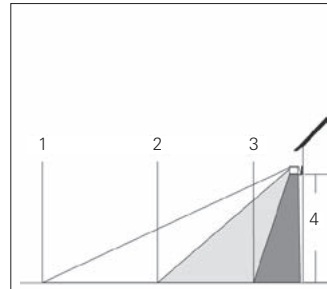
- Influences from sources of interference such as trees, bushes, animals or vehicles must be prevented or blocked.
- The recommended mounting height must be complied with so that optimum detection is ensured.
- The expected direction of motion of an object to be detected is taken into account (direction of motion should, as far as possible, be at a right angle to detection direction).
- Keep influences due to weather such as rain, snow, fog etc. to a minimum (e. g. via installation under an overhang).

A Gira observer has a tight, half circle-shaped detection field with three levels and a number of so-called switching segments (detection beams).

The range specified in the technical data of an observer always refers to the recommended mounting height (e. g. 2.40 m) and requires that the sensor head is not tilted, the direction of motion is on the side of the observer and a sufficient difference in temperature between the moved body and the environment is taken into account. Deviations from these requirements cause a change in the range.



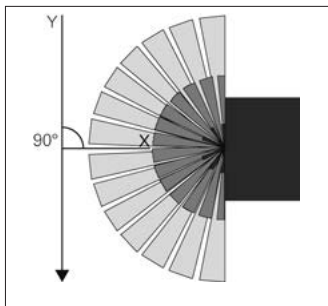
Presentation of the switching segments (detection beams)



Monitoring levels

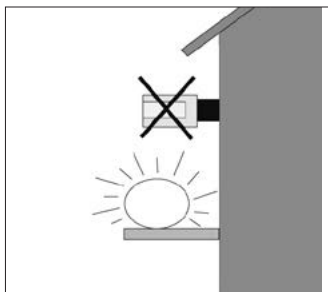
The monitoring levels are defined as follows:

- 4 = Mounting height
- 3 = Immediate area (NB)
- 2 = Mid-range area (MB)
- 1 = Distant area (FB)



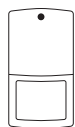
Direction of motion

The installation site of the observer must be selected to ensure that the direction of motion to be expected (Y) should as far as possible be at an angle of 90° to the direction of detection (X).



Incorrect observer attachment

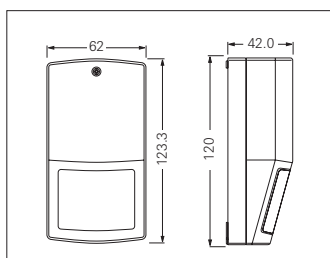
Never install the observer directly over a light! A cooling lamp can be detected as a change in heat and cause activation of the lights.



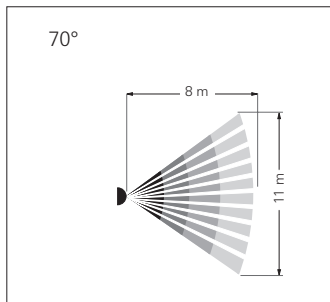
Sentinel 70
Order No. 0831 02
Order no. 0831 10

Technical data

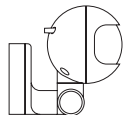
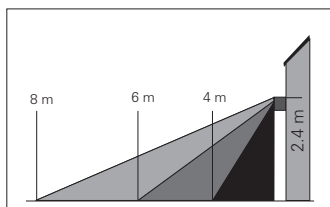
Rated voltage:	AC 230V~, 50Hz
Contact rating ¹⁾ :	
- Light bulbs	1000 W
- HV halogen	1000 W
- LV halogen with conventional transformer with at least 85% rated load	750 VA
- LV halogen with Gira Tronic transformer	750 W
- Fluorescent lamps, not compensated	500 W
- Fluorescent lamps, with parallel compensation (47 µF)	400 W
Switch-on current:	15 A
Ambient temperature:	-25°C to +55°C
Protection type:	IP55
Dimensions:	



Detection field:



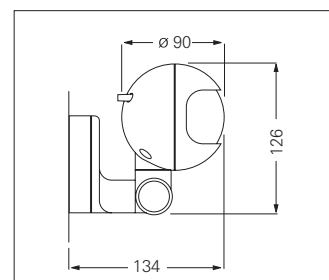
Range:



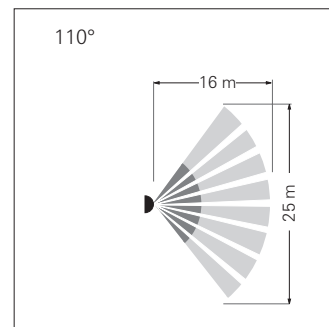
Sentinel 110
Order No. 0355 02

Technical data

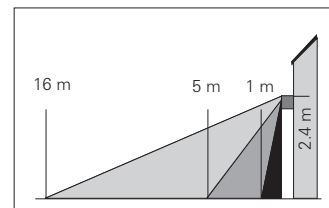
Rated voltage:	AC 230V~, 50Hz
Contact rating ¹⁾ :	
- Light bulbs	2300 W
- HV halogen	2300 W
- LV halogen with conventional transformer with at least 85% rated load	1200 VA
- LV halogen with Gira Tronic transformer	1200 W
- Fluorescent lamps, not compensated	1200 W
- Fluorescent lamps, with parallel compensation (47 µF)	920 W
- Fluorescent lamps, duo-circuit	2300 W
Switch-on current:	20 A
Ambient temperature:	-35°C to +50°C
Protection type:	IP55
Dimensions:	



Detection field:



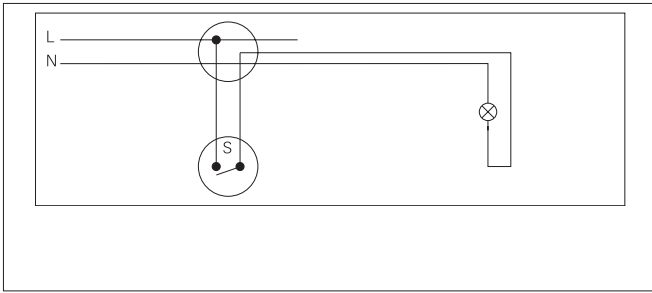
Range:



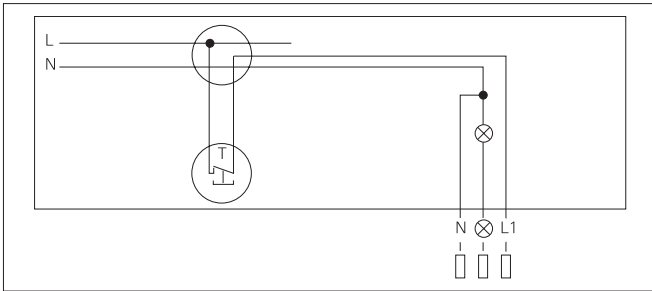
¹⁾ **Note**

Watch out for high inrush peak currents when using "energy saving lamps". Check suitability of the lamp before use (→675).

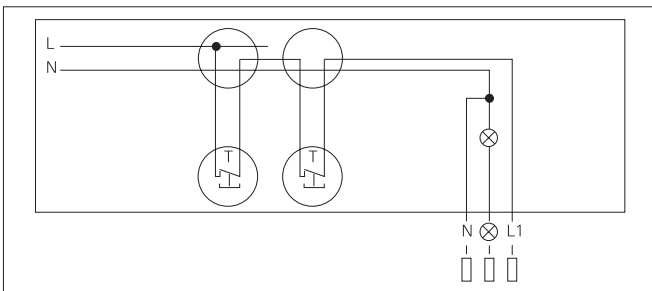
Wiring diagrams



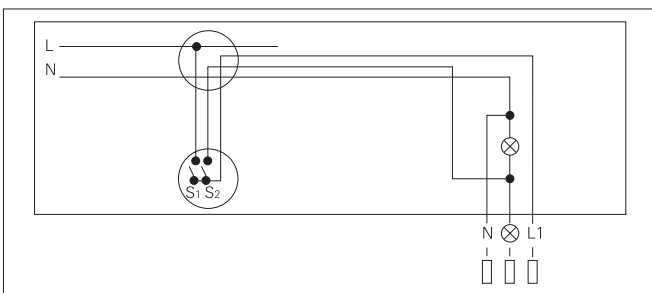
Existing installation



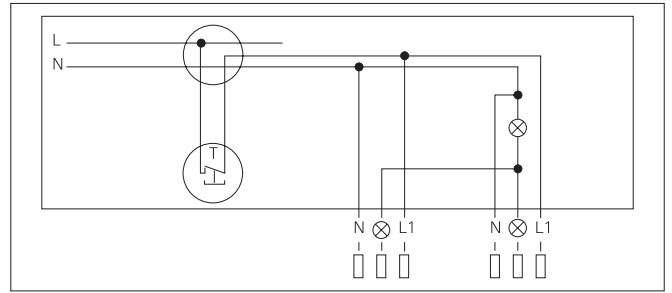
Connection of observer and system power section
 Replace existing switch "S" with "T" button (NC contact). Actuating the button for at least 1 second triggers switching.



2-way wiring
 Existing 2-way switches can be replaced with "T" buttons (NC contact).

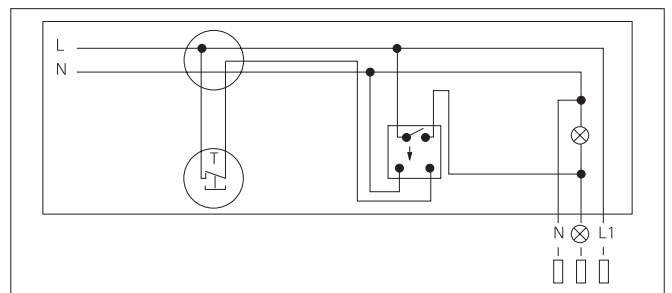


Automatic or manual operation with series switch
 S 1 open, S 2 open: everything off.
 S 1 closed, S 2 open: normal automatic mode.
 S 1 closed, S 2 closed: continuous light, manual operation, observer inactive.

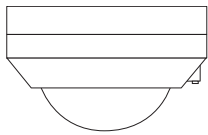


Connection of several observers (parallel connection)
 Button "T" (NC contact)
 (System-sensor cables from two or more observer systems may not be wired together!)

Important:
 Parallel connection does not increase the maximum connected load.



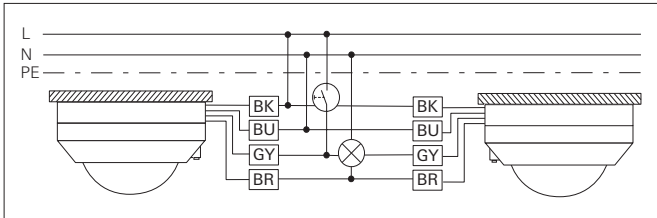
Parallel connection with automatic staircase lighting mechanism or remote-control switch
 The illumination is switched on either by the automatic staircase lighting mechanisms or via the observer.



Presence detector and motion detector 360° compact
Order No. 2399 02

Technical data

Rated voltage: AC 110 to 230V ~
 Mains frequency: 50/60 Hz
 Ambient temperature: -5°C to +45°C
 Standby power: max. 0.3W
 Circuit breaker: max. 16A
 Contact type: μ
 Angle of detection: 360°
 Range of detection: \varnothing approx. 20 m
 Sensitivity: 25 to 100%
 Brightness setting: approx. 5 to 2000 lx (and day mode)
 Delay time: approx. 10 sec to 30 min
 Short-term operation pulse duration: approx. 0.5 s
 Pulse pause: approx. 3 s
 Switching current at 35°C Ohmic: 16A (AC1)
 Fluorescent lamps: 4 AX
 Minimum switching current: 100 mA
 Connected load at AC 230V~ and 35°C:
 - Light bulbs: 2300 W
 - HV halogen: 2000 W
 - Tronic transformers: 1500 W
 - HV LED lamps: typically 400 W
 - Compact fl.: typically 400 W
 - Inductive transformers: 1000 VA
 - Fluorescent lamps, not compensated: 920 VA
 - Capacitive load: 690 VA (560 μ F)
 Connected load at AC 110V~ and 35°C:
 - Light bulbs: 1150 W
 - HV halogen: 1000 W
 - Tronic transformers: 750 W
 - HV LED lamps: typically 200 W
 - Compact fluorescent lamps: typically 200 W
 - Inductive transformers: 500 VA
 - Fluorescent lamps, not compensated: 460 VA
 - Capacitive load: 345 VA (560 μ F)
 Connection sensor head: 1 to 2.5 mm²
 Fine-wire connection to tin-plated conductor ends: 0.75 to 1.5 mm²
 Number of auxiliary units:
 Non-illuminated rocker buttons: unlimited
 Auxiliary insert, 2-wire: unlimited
 Total length of auxiliary input cable: max. 100 m
 Entire length of load cables: max. 100 m

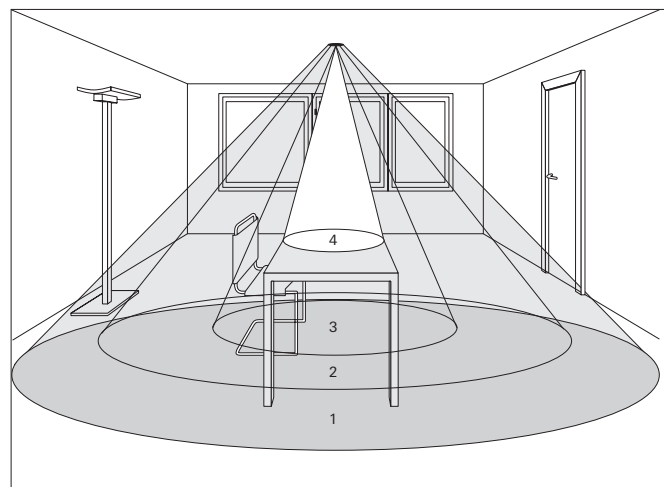


Connection of several Compact 360° presence and motion detectors (parallel connection)

Selecting the installation site

For use as a presence detector, the device is installed above a workplace, for example, and monitors the area below it. For use as a motion detector, the device is installed in the corridor, for example.

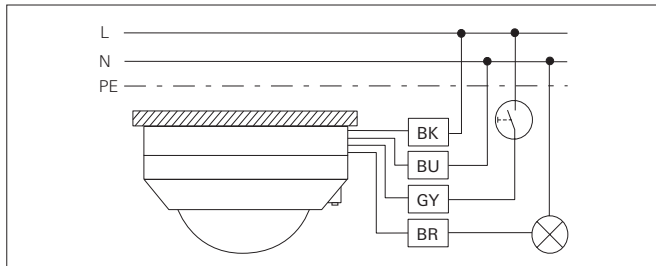
- Choose a vibration-free installation site. Vibrations may result in undesired activation.
- Sources of interference in the detection range. Sources of interference, e. g. heating, cooling, air-conditioning systems and cooling lighting elements may result in undesired detection.
- To minimise the influence of sources of interference, the detection range can be limited. To do this, use the clip-on screen or switch off individual sensors.



Detection range as a function of the direction of motion

Ranges for:

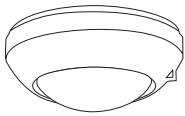
- 1: Tangential motion on the floor.
 - 2: Radial motion on the floor.
 - 3: Typical movement at a desk, e. g. movement of upper body.
 - 4: Fine detection at the desk, e. g. mouse movements.
- *) When used as a presence detector: Mounting height not above 3.5 m, otherwise fine detection is not possible.



Connection of individual device presence detector and motion detector 360° compact

Diameter of detection range for direction of motion

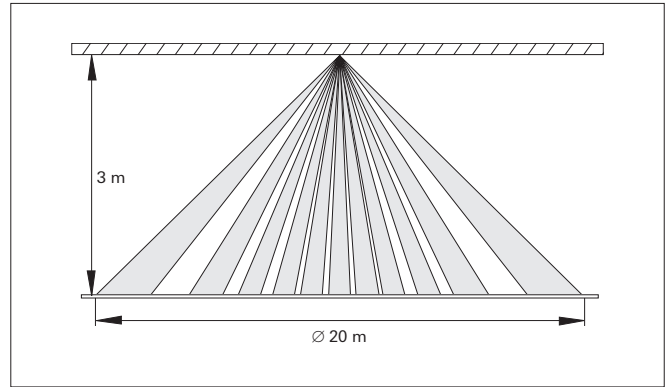
Mounting height	1:	2:	3:	4:
2.20 m	14.5 m	11.5 m	8 m	6 m
2.50 m	16.5 m	13 m	10 m	7 m
3.00 m	20 m	16 m	12 m	8 m
3.50 m	23 m	18.5 m	14 m	9 m
4.00 m	26 m	17 m	14.5 m*)	-*) m
5.00 m	28 m	18 m	15 m*)	-*) m
6.00 m	29 m	19 m	-*) m	-*) m



System 3000 presence and motion detector 360° top unit BT
Order No. 5377 02

Technical data

- Ambient temperature: -5 °C to +45 °C
- Angle of detection: 360°
- Number of sensors: 3 x PIR (A – C)
- Sensitivity: 0, 25, 50, 75, 100%
- Mounting heights: min. 2.20 m to max. 6 m
- Range of detection at 3 m mounting height:
 - Desk: Ø 6 m
 - Floor: Ø 20 m
- Brightness threshold:
 - Motion detector mode: approx. 5 to 500 lx (and day mode)
 - Presence detector mode: approx. 5 to 1000 lx (and day mode)
- Short-term operation
 - Pulse duration: approx. 0.5 s
 - Pulse pause: approx. 3 s
 - Wireless frequency: 2,402 to 2,480 GHz



Detection field

Detection field and range

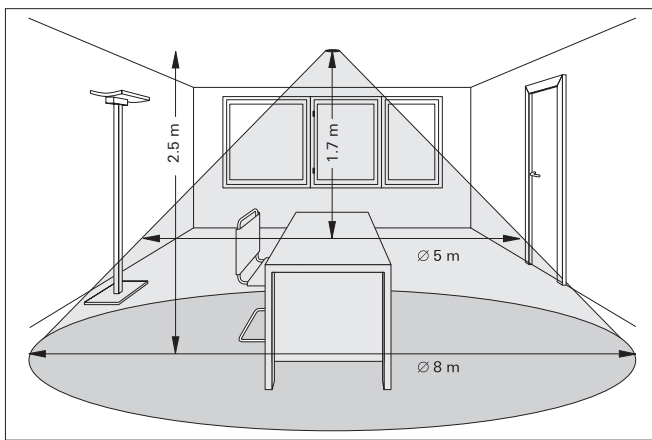
The device has a range of detection of 360°. The diameter of the detection field is dependent on the installation height and the direction of motion of people in the detection field. The range of detection increases as the installation height increases, but the detection density and sensitivity decrease.

Range of detection

The diameter of the detection range is dependent on the installation height and the direction of motion of people in the detection field. The maximum diameter of the detection field on the ground is up to 20 m for a mounting height of 3 m.

Ranges for:

- 1: Tangential motion on the floor.
- 2: Radial motion on the floor.
- 3: Typical movement at a desk, e. g. movement of upper body.
- 4: Fine detection at the desk, e. g. mouse movements.
- *) When used as a presence detector: Mounting height not above 3.5 m, otherwise fine detection is not possible.



Detection field

Functions directly on the top unit

- Expansion of the detection range in combination with the 3-wire auxiliary unit.
- Operation with 2-wire, 3-wire auxiliary unit, rotary dimmer auxiliary unit or push button.
- Light dimmable via auxiliary unit, with dimming insert.
- Reset to factory setting.
- Clip-on panel to limit the detection field.

Functions via app

- Set the device as a presence detector or motion detector.
- Set the brightness threshold.
- Set the sensitivity of the three PIR sensors separately.
- Delay time setting.
- Permanent-on, permanent-off.
- Timer on or off for 0.5 to 5 hours.
- Switch-off pre-warning.
- Occupancy simulation.
- Walking test.

Functions in combination with a dimming insert

- Switch on at stored switch-on brightness.

Automatic mode

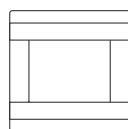
The device records thermal motion of people, animals or objects.

- The light is switched on if the range of detection is entered and the set brightness threshold is not met.
- The delay time is re-started with every motion detected.
- The light is turned off when:
 - No more motion is detected in the detection area and the delay time expires
 - or
 - the ambient light is bright enough and the delay time has expired.

To prevent switch-on because of a cooling light source, no motion signals are evaluated for a short locking time after switch-off. The motion detector adapts to the ambient conditions in order to keep the time as short as possible.

Diameter of detection range for direction of motion

Mounting height	1:	2:	3:	4:
2.20 m	14.5 m	11.5 m	8 m	6 m
2.50 m	16.5 m	13 m	10 m	7 m
3.00 m	20 m	16 m	12 m	8 m
3.50 m	23 m	18.5 m	14 m	9 m
4.00 m	26 m	17 m	14.5 m*)	-*) m
5.00 m	28 m	18 m	15 m*)	-*) m
6.00 m	29 m	19 m	-*) m	-*) m



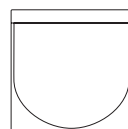
**System 3000
Motion detector
1.10 Standard**
Order No. 5373..

**System 3000
Motion detector
1.10 Komfort BT**
Order No. 5374..



Technical data

Angle of detection:	approx. 180°	approx. 180°
Switch-on duration:	approx. 2 min	approx. 10 sec to 60 min
Brightness value:	approx. 5 to 500 lx	approx. 5 to 500 lx
Sensitivity:	25, 50, 75, 100%	0, 25, 50, 75, 100%
Ambient temperature:	-20°C to +45°C	-20°C to +45°C



**System 3000
Motion detector
2.20 Standard**
Order No. 5375..

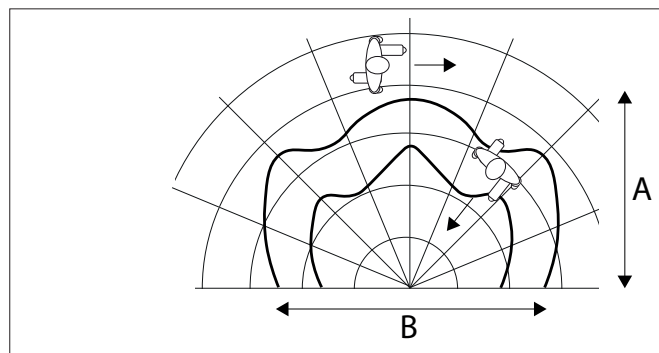
**System 3000
Motion detector
2.20 Komfort BT**
Order No. 5376..



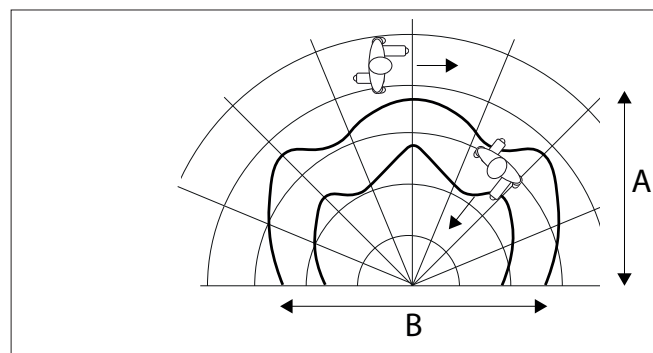
Technical data

Angle of detection:	approx. 180°	approx. 180°
Switch-on duration:	approx. 2 min	approx. 10 sec to 60 min
Brightness value:	approx. 5 to 500 lx	approx. 5 to 500 lx
Sensitivity:	25, 50, 75, 100%	0, 25, 50, 75, 100%
Ambient temperature:	-20°C to +45°C	-20°C to +45°C

Detection field



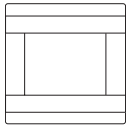
Detection field



	A x B	
1.10m Sensitivity		
25%	≈ 8 x 11 m	≈ 2 x 4 m
50%	≈ 13 x 20 m	≈ 5 x 6 m
75%	≈ 26 x 30 m	≈ 6 x 9 m
100%	≈ 32 x 38 m	≈ 11 x 14 m

	A x B	
2.20m Sensitivity		
25%	≈ 7 x 12 m	≈ 3 x 2 m
50%	≈ 11 x 13 m	≈ 4 x 4 m
75%	≈ 13 x 15 m	≈ 6 x 5 m
100%	≈ 15 x 20 m	≈ 9 x 9 m

	A x B	
1.10m Sensitivity		
25%	≈ 7 x 9 m	≈ 1 x 2 m
50%	≈ 8 x 10 m	≈ 3 x 4 m
75%	≈ 9 x 12 m	≈ 4 x 6 m
100%	≈ 10 x 18 m	≈ 5 x 7 m



Standard top unit
Order No. 1300..

Komfort top unit
Order No. 0661..

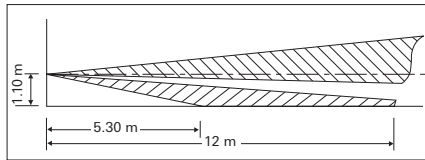


Technical data

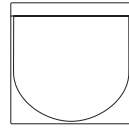
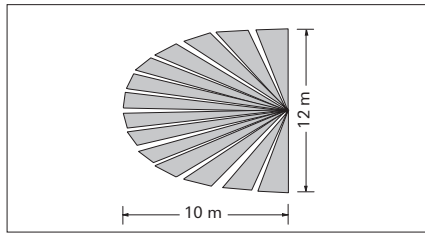
Angle of detection:	approx. 180°	approx. 180°
Switch-on duration:	approx. 2 min	approx. 10 sec to 30 min
Brightness value:	approx. 0 to 150 lx	approx. 0 to 150 lx
Sensitivity:	approx 20% to 100%	approx 20% to 100%
Ambient temperature:	-20°C to +45°C	-20°C to +45°C

Detection ranges

Mounting height up to 1.10 m:



Mounting height up to 1.10 m:



Standard top unit
Order No. 2301..

Komfort top unit
Order No. 2302..

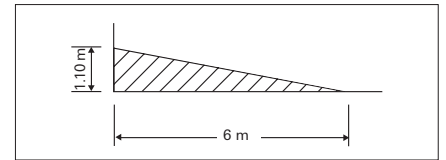


Technical data

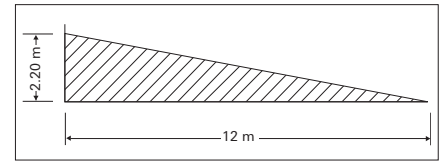
Angle of detection:	approx. 180°	approx. 180°
Switch-on duration:	approx. 2 min	approx. 10 sec to 30 min
Brightness value:	approx. 0 to 200 lx	approx. 0 to 200 lx
Sensitivity:	approx 20% to 100%	approx 20% to 100%
Ambient temperature:	-15°C to +45°C	-15°C to +45°C

Detection ranges

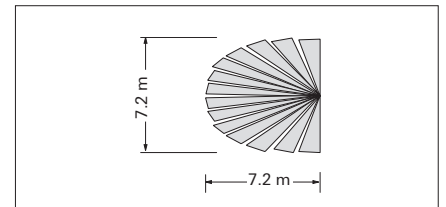
Mounting height up to 1.10 m:



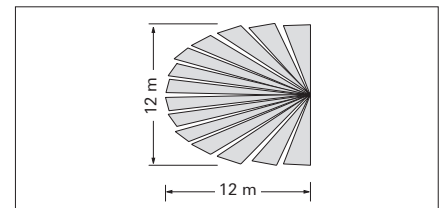
Mounting height up to 2.20 m:



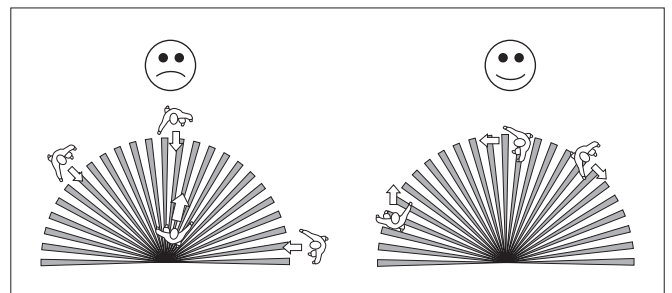
Mounting height up to 1.10 m:



Mounting height up to 2.20 m:

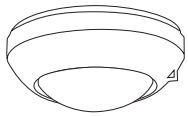


Selecting installation site



Direction of travel and motion detection

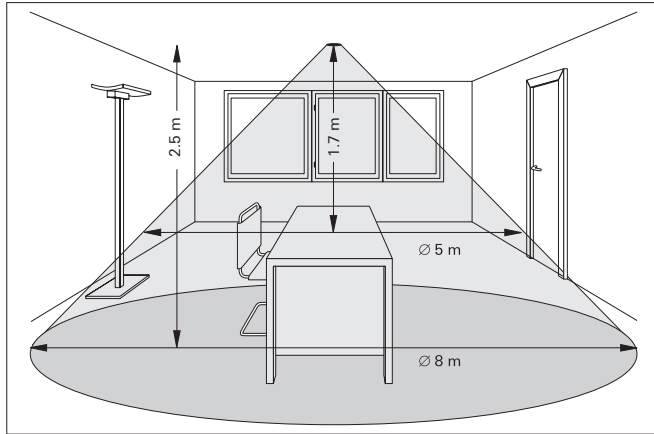
In principle, automatic control switches can be installed instead of normal light switches, for example, directly next to entry doors. However, motion detection is best when the moving object interrupts as many detection beams as possible. The installation position should be chosen accordingly.



**System 2000 presence detector
Komfort top unit**
Order No. 0317 02
Order No. 0317 04

Technical data

Angle of detection:	360°
Nominal range at desk height:	∅ 5 m
Nominal range on the floor:	∅ 8 m
Mounting height for nominal range:	2.5 m
Number of lenses / detection levels:	80/6
Rated voltage:	See System 2000 insert
Switching capacity:	See technical data of inserts
Switch-on time:	1 second test mode, approx. 10 sec to 30 min
Brightness:	approx. 10 to 1000 lx



Detection field

Function

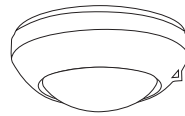
A presence detector is used to switch on the light indoors in case of detection, depending on the brightness, and to then switch it off when no longer needed, i. e. it is bright enough without lighting or no one is nearby. The "presence" of a person is detected, depending on the set brightness. A presence detector is capable of evaluating even slight movements (fine motion), as is typical when working in offices. Presence detectors are mounted exclusively on ceilings and monitor an area below them. The Komfort presence detector reacts to the movement of heat triggered by people, animals and objects. When a movement is detected below an adjustable brightness value, the light is switched on. The device remains switched on as long as further motion is detected and the lighting is required.

Constant lighting control

When used on a dimming insert, constant light control is possible. Then the lighting is dimmed so that the brightness is maintained at the set-point value set on the presence detector. The lighting is dimmed or switched off when daylight grows stronger. The lighting is switched on or made brighter when daylight weakens. The dimming procedure is designed in such a way that the user hardly even notices the light control.

For extension of the detection field, the presence detector is combined with an auxiliary insert for presence detectors (3-wire) and connected to the main unit.

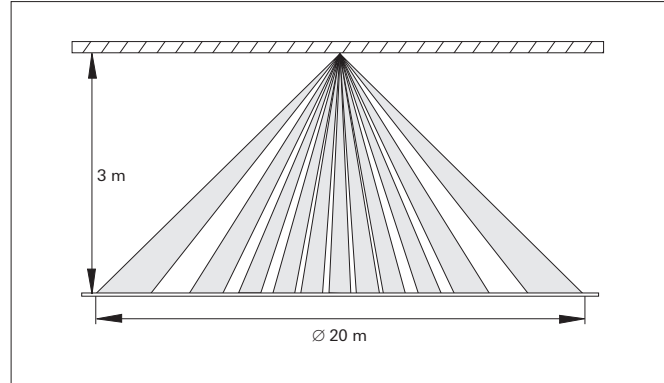
The Komfort presence detector top unit is not suitable for alarm systems.



**System 2000
Automatic control switch 360°
top unit**
Order No. 2270 02
Order No. 2270 04

Technical data

Angle of detection:	360°
Nominal range:	∅ 20 m
Mounting height for nominal range:	3 m
Number of lenses / detection levels:	78/5
Rated voltage:	See System 2000 insert
Switching capacity:	See technical data of inserts
Switch-on time:	1 second test mode, approx. 10 sec to 30 min
Brightness:	approx. 0 to 80 lx



Detection field

Function

The automatic control switch 360° top unit will be used together with the System 2000 inserts as of release R2 (check ID on wireless actuators). It is built into the ceiling and monitors the area below it.

The automatic control switch 360° top unit switches illumination depending on motion and ambient brightness. For this purpose, the automatic control switch 360° top unit detects motion of heat from people, animals or objects.

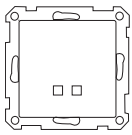
- Light is switched on: Brightness has fallen below the set brightness threshold and the monitored area is entered.
- Light is switched off: No more motion is detected and the delay time has lapsed.

Range of detection

The diameter of the detection range is dependent on the installation height and the direction of motion. The maximum diameter on the ground is approx. 12 to 20 m for an installation height of 3 m.

Further properties

- Expansion of the detection range through use of auxiliary units (accessories).
- Manual operation with auxiliary unit or button, NO contact.
- Day mode.
- Test mode / short-term operation.
- Saving a memory value, with dimming inserts.
- Dimming of the light, with dimming inserts.
- LED display.

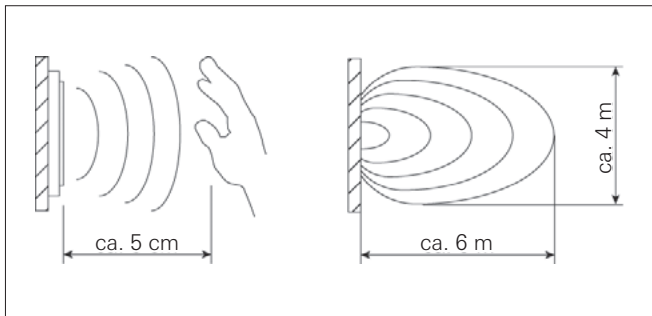


Sensotec
Order No. 2376..

Technical data

Rated voltage:	AC 230/240V~
Mains frequency:	50/60 Hz
Operating efficiency:	
- Device	max. 0.5W
Contact type:	ε
Soft start:	Leading edge
Contact rating at 25°C:	
- Light bulb:	4 to 300W
- HV halogen lamps:	4 to 300W
- HV LED lamps:	typically 4 to 60W
Power reduction – 10%	per 5°C > 25°C
Range of detection:	
- Immediate area	approx. 5 cm
- Distant area	approx. 6 x 4 m
Brightness:	10 to 1000 lx
Delay time:	1 s. to 60 min.
Transmission frequency:	5.8GHz
Transmission power	< 1 mW
Ambient temperature:	0°C to +50°C

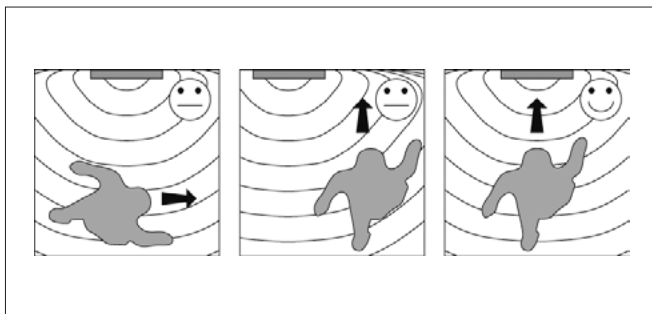
Range of detection



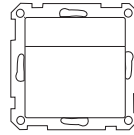
Detection: Close-up range – Long range

Installation site

- Recommended mounting height 1.10m.
 Detection through doors, glass panes or thin walls is possible.
 The following may disrupt perfect functioning:
- Vibrations, which may result in undesired activation.
 - Metallic surfaces, e.g. cover frames, metal doors and frames, aluminium blinds, etc., which can affect detection through attenuation or reflection.
 - Generally speaking, reflective materials, the speed of movement and the type of object (person, animal, possession) can affect the reliability of detection.
 - The direction of motion affects detection (see following diagram).



Direction of motion

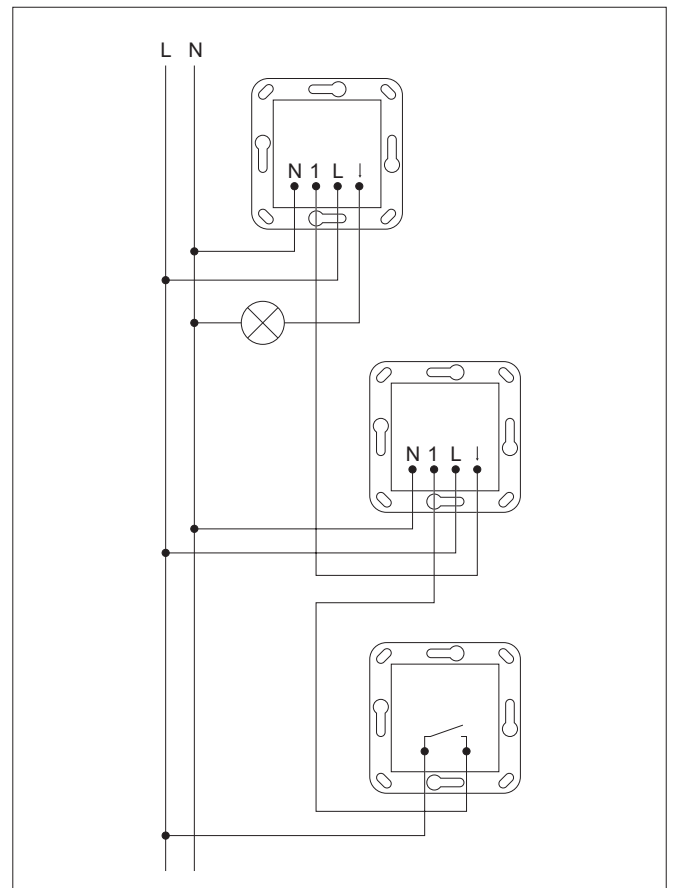


Sensotec LED
Order No. 2378..

Technical data

Rated voltage:	AC 230/240V~
Mains frequency:	50/60 Hz
Operating efficiency:	
- Device	max. 0.5W
- LED orientation light	max. 0.2W
Contact type:	ε
Soft start:	Leading edge
Contact rating at 25°C:	
- Light bulb:	400W
- HV halogen lamps:	400W
- Tronic transformers:	400W
- HV LED lamps:	typically 100W
Range of detection:	
- Immediate area	approx. 5 cm
- Distant area	approx. 6 x 4 m
Brightness:	10 to 1000 lx
Delay time:	1 s. to 60 min.
Transmission frequency:	5.8 GHz
Transmission power	< 1 mW
Ambient temperature:	0°C to +50°C

Connection



Connection with auxiliary unit

Planning information eNet

Optimum wireless connections and optimum use of the ranges of wireless components are achieved by observing the following basic rules:

- The antennae of the transmitters and receivers should, to the greatest extent possible, all be aligned vertically or horizontally.
- The length of antennae may not be changed, as they are perfectly matched to the wavelength of the frequency.
- Large metal surfaces, such as metal doors and frames, aluminium blinds or metal cabinets should be kept at a great a distance as possible (several decimetres).
- Electronic devices, such as motors, electronic control gear and Tronic transformers, must be kept at a distance of at least 50 cm.
- Wireless components of other function groups, e. g. wireless headphones or telephones, must be kept at least 3m away.

In addition, when selecting the installation sites, observe the following items in particular:

- We recommend checking the planned system in the building with the respective devices (e. g. from the wireless presentation case) for a reliable wireless connection before using wireless components. Here, you should also take the state of construction of the building, e. g. degree of drying out of spackle and plaster, and the existing doors and armour or hangings of the windows into account.
- Transmitters and receivers should not be installed near the ground. We recommend not installing them lower than 0.5m from the ground.
- Transmitters and receivers are not to be installed behind metal or conductive surfaces, such as anti-static floors, sounding with metal cladding, cable lines, metal louvered ceilings and hot-water and electrical floor heating.
- To correct irregular reception, it is often sufficient to move the transmitter or receiver a few centimetres. This reception interference often occurs due to shadowing, obliteration, or reflections of the wireless signal as sometimes occur with car radios and mobile telephones, for example.

Note

- Only two repeaters may be used in a wireless zone.
- A repeater should be installed as close as possible to the midpoint between transmitters and receivers and also not near other transmitters or receivers. A minimum distance of 1 m should be heeded here to prevent saturation.

Wireless transmission occurs on a non-exclusive transmission path. For this reason, interference cannot be ruled out. The wireless transmission is thus not suitable for security purposes, e. g. emergency-stop, emergency call etc. If walls and ceilings are to be penetrated along the transmission path (Fig. 1), the wireless range depends considerably on the type of construction materials to be penetrated and the effective wall thickness. The table shows the capability of wireless signals to penetrate different materials.

Dry material	Penetration
Wood, plaster, sheetrock	approx. 90%
Brick, pressboard	approx. 70%
Reinforced concrete	approx. 30%
Metal, metal grids, aluminium cladding	approx. 10%

Important: Moisture in the material reduces penetration

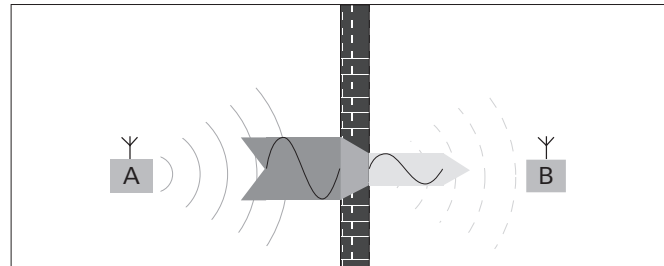


Fig. 1: Attenuation reduces the strength of the wireless signal between the transmitter (A) and the receiver (B)

Evaluating wireless paths in buildings is very difficult due to a multitude of influences. Therefore, the open field range (Fig. 2) is always stated, which refers to an undisturbed propagation of radio waves and optimally aligned antennae. With the eNet system this is usually 100 m.

Requirements for the measurement of field ranges:

- Level area
- Horizontal distance to interfering objects from each point of the line connecting the transmitter and receiver > 20 m
- Height of the measured objects above the ground > 2 m
- Alignment of the measured objects for optimum contact
- Moist ground

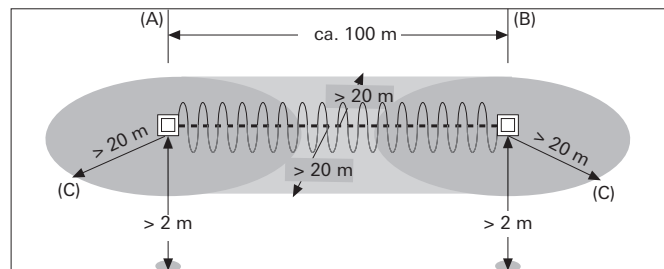
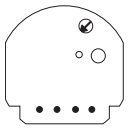


Fig. 2: Measurement of the range between the transmitter (A) and the recipient (B) and recommended distance from interfering factors (C).

Dependence of the transmission ranges on the mounting height:

Theoretical transmission ranges	Mounting height of the receiver
100 m	> 2 m
56 m	1.5 m
34 m	1.0 m
28 m	0.8 m
23 m	0.6 m
18 m	0.4 m
13 m	0.2 m

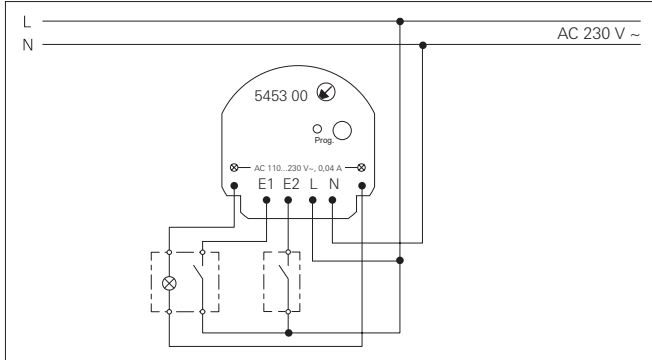
Conditions: – The mounting height of the transmitter is 2 m
 – Moist ground



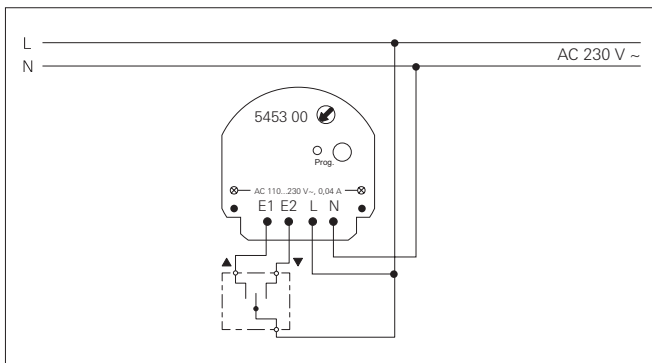
**Wireless universal transmitter,
2-gang Mini**
Order No. 5453 00

Technical data

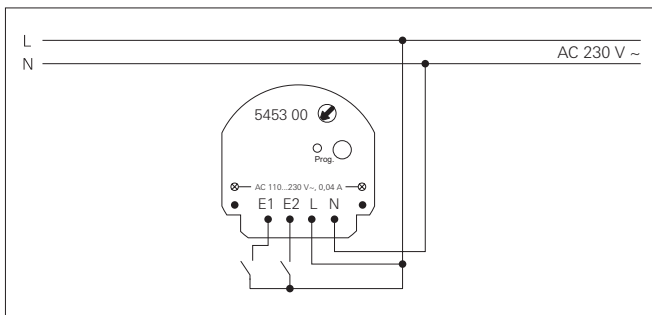
Power supply:	AC 110... 230 V, 50/60 Hz
Input current at rated voltage:	max. 2 mA
Ambient temperature:	-25°C to +70°C
Dimensions (Ø x H):	53 x 23 mm
Wireless frequency:	868.0 to 868.6 MHz



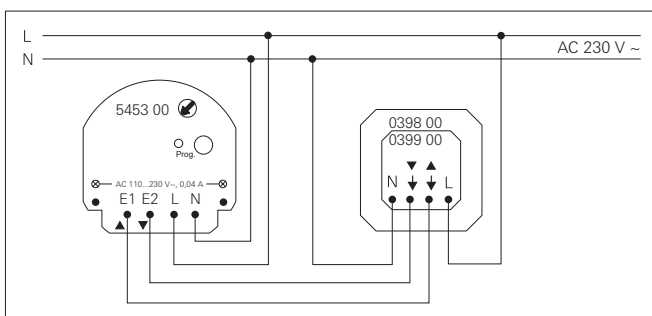
Connection of button or series button or button and signal lamp



Connection of blind button



Connection of conventional switches



Connection of blind controller insert

Operating modes

The selection of operating modes is based on:
 - type of actuators to be controlled
 - operation 1- or 2-surface operation
 - the control – one button per input, series button, etc.

When a switching/dimming actuator or series button is connected, the following operating mode can be set:

Operating mode 1-gang switching/dimming:
2-surface operation

Controlled by:
 Series button.
 E1: Pressing the button briefly results in switching on.
 Pressing the button for a long time results in brighter dimming.
 E2: Pressing the button briefly results in switching off.
 Pressing the button for a long time results in darker dimming.

When a blind actuator, blind button, series button or blind insert is connected, the following operating mode can be set:

Operating mode 1-gang blinds:
2-surface operation

Controlled by:
 Blind button, series button or blind insert.
 E1: Pressing the button results in raising.
 Releasing the button results in stopping.
 E2: Pressing the button results in lowering.
 Releasing the button results in stopping.

When a switching and dimming actuator, two buttons, are connected, the following operating mode can be set:

Operating mode 2-gang switching/dimming:
1-surface operation

Controlled by two buttons.
 E1, E2: Pressing the button briefly results in alternating switching on and off. Pressing the button for a long time results in brighter/darker dimming.

Operating mode 2-gang switching/pressing:
One-surface operation

Controlled by two buttons. E1, E2: Pressing the button results in switching on. Releasing the button results in switching off. Pressing duration of max. 60 seconds.

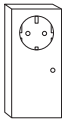
PC operating mode

Operating modes which can be set using the eNet server.

With the PC operating mode, the above-mentioned operating modes can be set, plus:

Operating mode 2-gang blinds
2-surface operation

Operating mode calling up / saving scenes



Wireless energy sensor
1-gang intermediate plug
 Order No. 5472 02

Technical data

Rated voltage / mains frequency:	AC 230 V~, 50/60 Hz
Rated load current:	16 A (I _N)
Measurement range:	
- Electricity	0 mA to 16 A
- Electrical power	0 to 3680 W
- Energy consumption	0 to 99999 kWh
Ambient temperature:	-5°C to +45°C
Dimensions (W x H x D):	57 x 127 x 78 mm
Wireless frequency:	868.0 to 868.6 MHz

Function

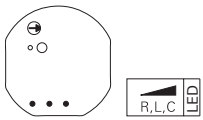
This device enables various electrical parameters of the connected device to be recorded. These values can be displayed using the visualisation of the eNet server. All of the energy sensors in the building installation can be monitored at a glance via the eNet server.

Intended use

Energy sensor for the wireless transmission of voltage, electricity and energy values. Operation with the eNet server from the eNet system.

Product properties

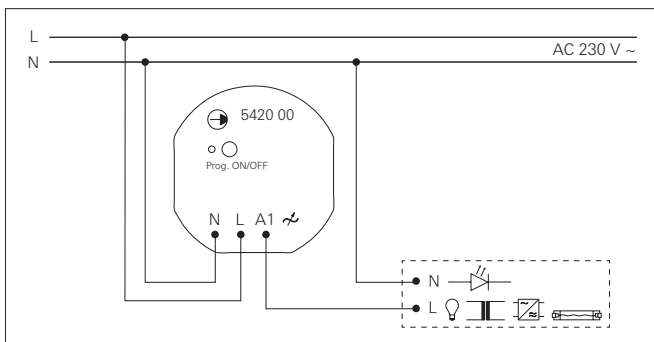
- Logging electricity and voltage of the connected device.
- Calculation of effective output, reactive power, apparent power, and active electrical energy.
- Event-controlled or time-controlled transmission of measurement value telegrams to the eNet server.
- Time synchronisation with the eNet server.



Wireless dimming actuator, 1-gang Mini
Order No. 5420 00

Technical data

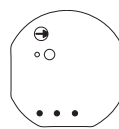
Rated voltage:	AC 230 V ~, 50/60 Hz
Connected load:	
- Light bulbs	20 to 250 W
- HV halogen	20 to 250 W
- Tronic transformers	20 to 250 W
- Inductive transformers	20 to 250 W
- Mixed loads:	
ohmic-inductive	20 to 250 W
ohmic-capacitive	20 to 250 W
capacitive-inductive	not permissible
- LED lamps	typically 3 to 70 W
- Compact fluorescent lamps	typically 3 to 70 W
Standby power	max. 0.5 W
Ambient temperature:	-25 °C to +70 °C
Dimensions (Ø x H):	53 x 28 mm
Wireless frequency:	868.0 to 868.6 MHz



Connection of wireless dimming actuator, 1-gang Mini

Operating mode selector switch

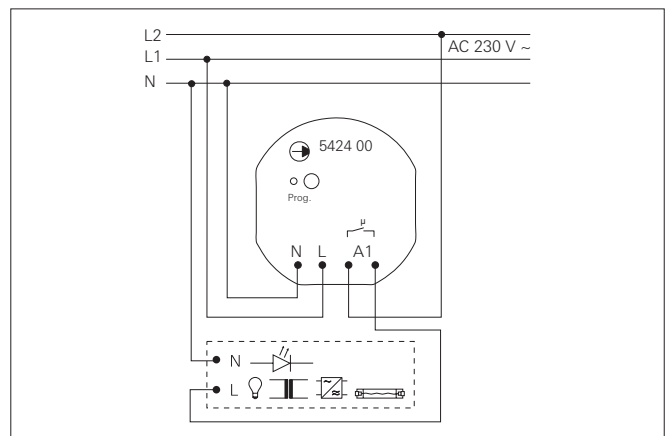
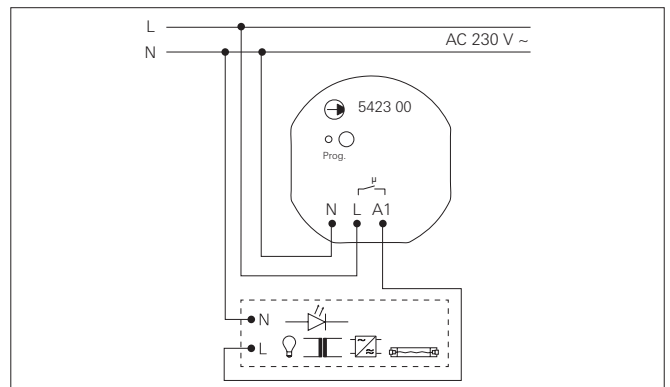
- PC Set operating mode and parameters using eNet server
- R, L, C Measurement of the load, leading edge or trailing edge dimming principle
- LED Leading edge
- LED Trailing edge
- min. Minimum brightness



Wireless switching/momentary-contact actuator, 1-gang Mini
Order No. 5423 00
Wireless switching/momentary-contact actuator, 1-gang Mini, zero-voltage
Order No. 5424 00

Technical data

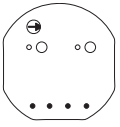
Rated voltage:	AC 230 V ~, 50/60 Hz
Connected load:	
- Light bulbs	2300 W
- HV halogen	2000 W
- LV halogen with Tronic transformer	1500 W
- LV halogen with inductive transformer	1000 VA
- Fluorescent lamps, not compensated	920 VA
- Capacitive load	690 VA (560 µF)
- HV LED lights	typically 500 W
- Compact fluorescent lamps	typically 500 W
Breaking capacity of 230V AC	16 A (AC1)
Standby power	max. 0.5 W
Ambient temperature:	-25 °C to +70 °C
Dimensions (Ø x H):	53 x 28 mm
Wireless frequency:	868.0 to 868.6 MHz



Connection of wireless switching / momentary-contact actuator Mini and switching / momentary-contact actuator Mini zero-voltage

Operating mode selector switch

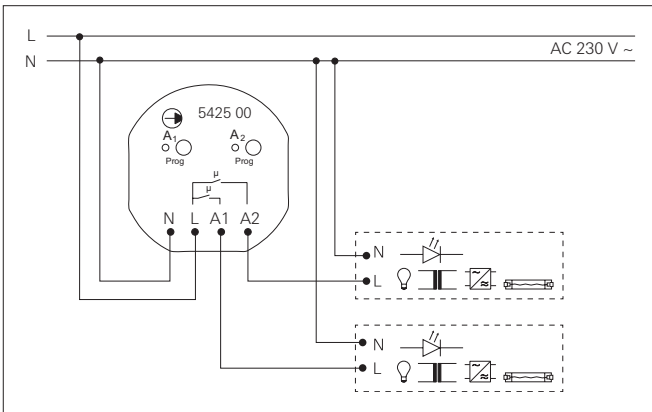
- PC Set operating mode and parameters using eNet server
- Mode buttons
- Mode switches



Wireless switching/momentary-contact actuator, 2-gang Mini
Order No. 5425 00

Technical data

Rated voltage:	AC 230 V~, 50/60 Hz
Switching current:	
- Relay, 16 A	16 A
(Ohmic, at 35°C)	
Connected load per output:	
- Light bulbs	2300 W
- HV halogen	2000 W
- Tronic transformers	1500 W
- Inductive transformers	1000 VA
- Fluorescent lamps, not compensated	920 VA
- Motors	450 VA
- Capacitive load	690 VA (560 µF)
- HV LED lights	typically 500 W
- Compact fluorescent lamps	typically 500 W
Standby power:	max. 0.5 W
Ambient temperature:	-25 to +70°C
Dimensions (Ø × H):	53 × 28 mm
Wireless frequency:	868.0 to 868.6 MHz



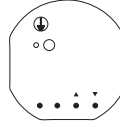
Connection of wireless switching/momentary-contact actuator, 2-gang Mini

Operating mode selector switch

- PC Set operating mode and parameters using eNet server
- Mode buttons
- Mode switches

Notes

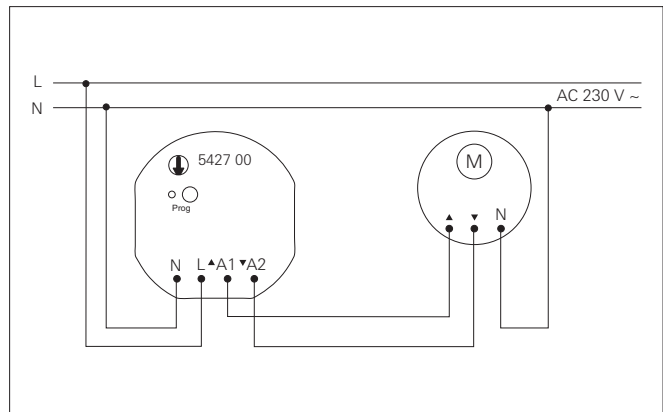
Do not use the device as a blind actuator. Blind motor can be destroyed.



Wireless blind actuator, 1-gang Mini
Order No. 5427 00

Technical data

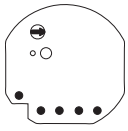
Rated voltage:	AC 230 V~, 50/60 Hz
Switching current:	3 A ohmic
Minimum switching current AC:	100 mA
Connected load of motors:	50 to 1000 W
Min. controlling time in operating mode	
Blinds:	0.1 sec.
Shutters:	0.3 sec.
Standby power:	max. 0.5 W
Ambient temperature:	-25°C to +70°C
Dimensions (Ø × H):	53 × 28 mm
Wireless frequency:	868.0 to 868.6 MHz



Connection of wireless blind actuator, 1-gang Mini

Operating mode selector switch

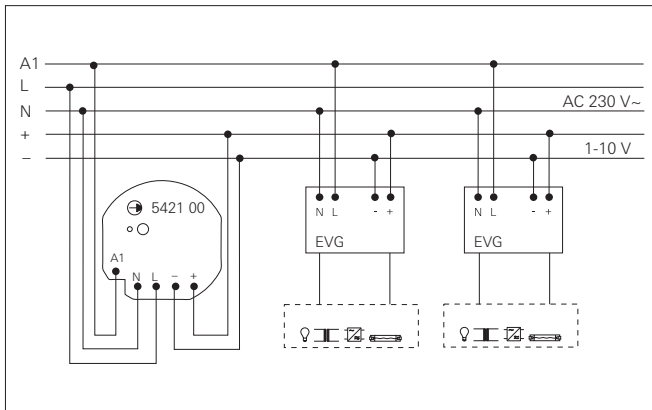
- PC Set operating mode and parameters using eNet server
- Start-up – determine duration
- Start-up – determine slat time
- Blinds operating mode
- Shutters, awning operating mode



**Wireless control unit
1-10V, 1-gang Mini**
Order No. 5421 00

Technical data

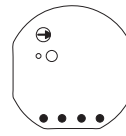
Power supply:	AC 230 V ~, 50/60 Hz
Control voltage:	0.5 to 11 V
Control current:	max. 50 mA
Switching current:	
- Ohmic	6 A
- Fluorescent lamps	3 AX
Minimum switching current:	100 mA
Connected load:	
- Ohmic load	1380 W
- Capacitive load	690 VA (560 µF)
Standby power	max. 0.5 W
Ambient temperature:	-25°C to +70°C
Dimensions (Ø x H):	53 x 28 mm
Wireless frequency:	868.0 to 868.6 MHz



Connection of wireless control unit 1-10V, 1-gang Mini

Operating mode selector switch

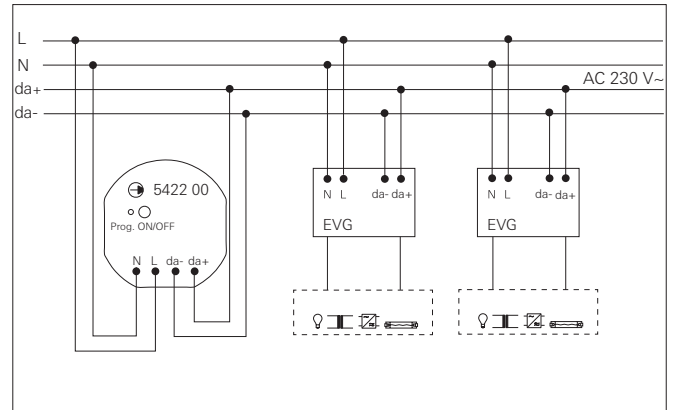
- PC Set operating mode and parameters using eNet server
- 1-10V operation
- min. Minimum brightness



**DALI wireless control unit,
1-gang Mini**
Order No. 5422 00

Technical data

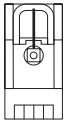
Power supply:	AC 230 V ~, 50/60 Hz
Power consumption:	max. 2 W
DALI rated voltage:	DC 16 V (typ.)
Output current:	max. 24 mA
Number of DALI devices:	max. 12
Number of parallel control units:	max. 6
Ambient temperature:	-25°C to +70°C
Dimensions (Ø x H):	53 x 28 mm
Wireless frequency:	868.0 to 868.6 MHz



Connection of wireless DALI control unit, 1-gang Mini

Operating mode selector switch

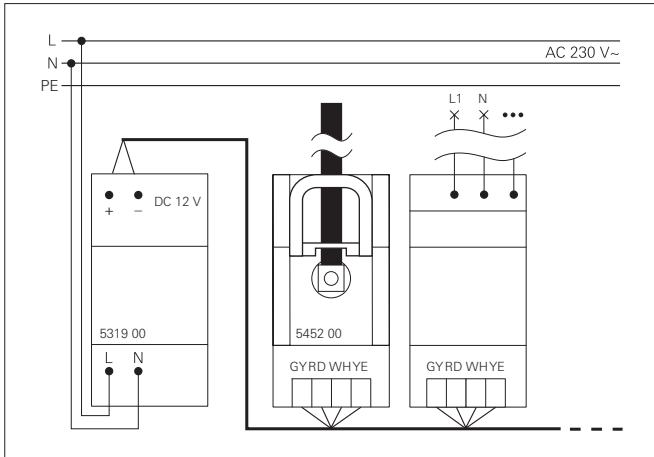
- PC Set operating mode and parameters using eNet server
- DALI DALI operation
- min. Minimum brightness



Wireless reception module DRA
Order No. 5452 00

Technical data

Rated voltage:	DC 12V SELV
Bus cable connection (J-Y (St) Y 2x2x0.8mm)	
GY	DC- / power supply -
RD	DC+ / power supply +
WH	BUS- / data line -
YE	BUS+ / data line +
Wireless frequency:	868.0 to 868.6MHz
Ambient temperature:	-5°C to +45°C
Installation width:	36mm / 2 TE



Wireless reception module DRA connection

Notes

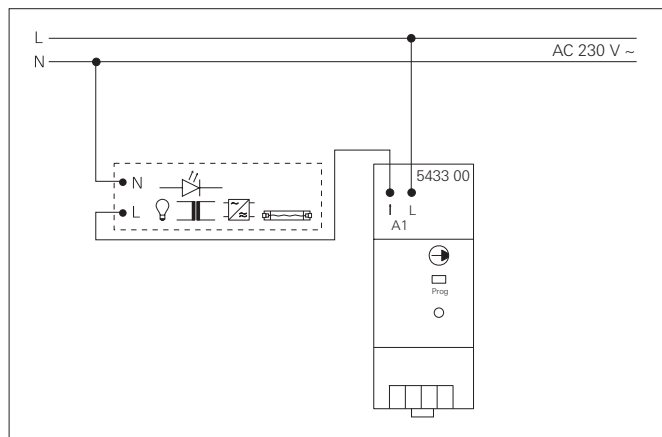
The entire length of the bus cable to the wireless DRA actuators may not exceed 3m. The polarity of the individual bus cables may not be reversed. Up to 32 wireless DRA actuators may be connected to a DRA wireless reception module.



**Wireless switching/
momentary-contact actuator,
1-gang DRA**
Order No. 5433 00



Technical data

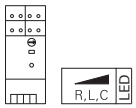
Power supply:	AC 230 V ~, 50/60 Hz
Connected load:	
- Light bulbs	2300 W
- HV halogen	2000 W
- Tronic transformer	1500 W
- Inductive transformers	1000 VA
- Fluorescent lamps, not compensated	920 VA
- Ohmic load	3680 W
- Capacitive load	690 VA (560 µF)
- HV LED lights	typically 500 W
- Compact fluorescent lamps	typically 500 W
Standby power:	max. 0.2 W
Switching current:	
- Ohmic	16 A
- Fluorescent lamp	4 AX
Minimum switching current:	100 mA
Ambient temperature:	-5°C to +45°C
Installation width:	36 mm / 2 TE



Connection of wireless switching / momentary-contact actuator, 1-gang DRA

Operating mode selector switch

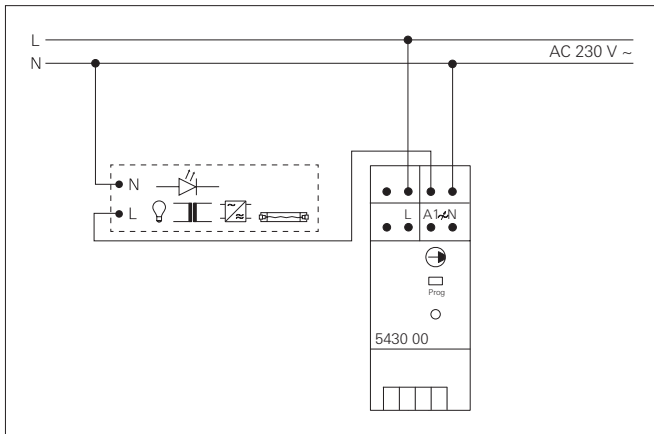
- PC Set operating mode and parameters using eNet server
-  Mode buttons
-  Mode switches



**Wireless dimming actuator,
1-gang DRA**
Order No. 5430 00

Technical data

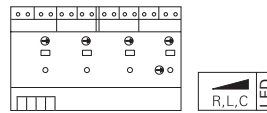
Power supply:	AC 230 V ~, 50/60 Hz
Connected load at 35°C:	
- Light bulbs	20 to 500 W/VA
- HV halogen lamps	20 to 500 W/VA
- Tronic transformers	20 to 500 W/VA
- Inductive transformers	20 to 500 W/VA
- Mixed loads:	
ohmic-inductive,	20 to 500 W/VA
ohmic-capacitive	20 to 500 W/VA
capacitive-inductive	not permissible
- LED lamps	typically 3 to 100 W
- Compact fluorescent lamps	typically 3 to 100 W
Standby power:	max. 0.3 W
Ambient temperature:	-5°C to +45°C
Installation width:	36 mm / 2 TE



Load on wireless dimming actuator, 1-gang DRA

Operating mode selector switch

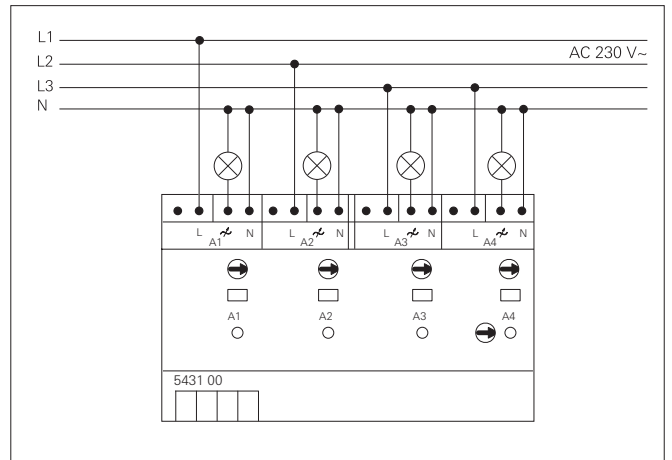
- PC Set operating mode and parameters using eNet server
- R, L, C Measurement of the load, leading edge or trailing edge dimming principle
- LED Leading edge
- LED Trailing edge
- min. Minimum brightness



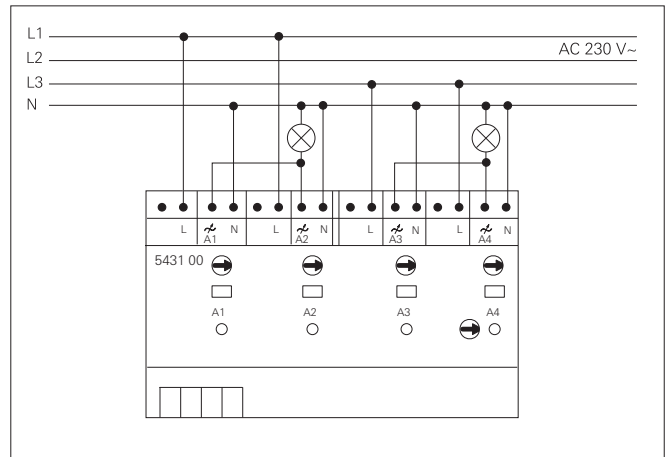
**Wireless dimming actuator,
4-gang DRA**
Order No. 5431 00

Technical data

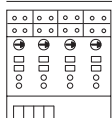
Power supply:	AC 230 V ~, 50/60 Hz
Connected load at 45°C:	
- Light bulbs	20 to 250 W/VA
- HV halogen lamps	20 to 250 W/VA
- Tronic transformers	20 to 250 W/VA
- Inductive transformers	20 to 250 W/VA
- Mixed loads:	
ohmic-inductive,	20 to 250 W/VA
ohmic-capacitive	20 to 250 W/VA
capacitive-inductive	not permissible
- LED lamps	typically 3 to 50 W
- Compact fluorescent lamps	typically 3 to 50 W
Standby power:	max. 1.2 W
Ambient temperature:	-5°C to +45°C
Installation width:	144 mm / 8 TE



Load on outputs of wireless dimming actuator, 4-gang DRA



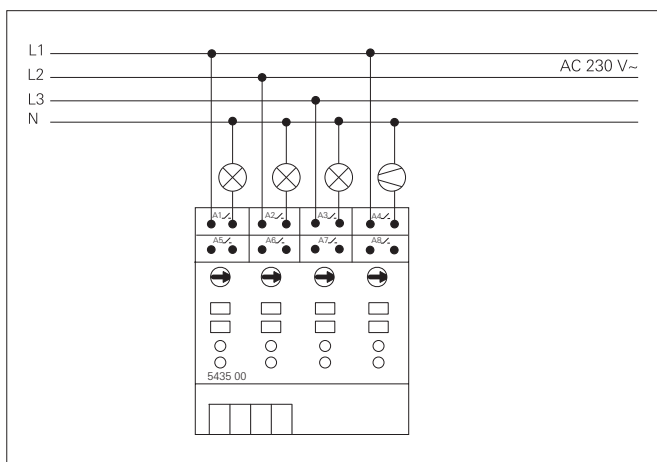
Loads on parallel switched outputs of the wireless dimming actuator, 1-gang DRA



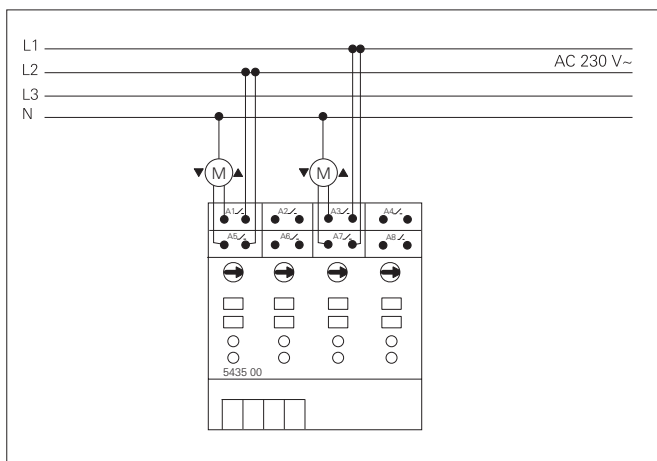
**Wireless switching/
momentary-contact actuator,
8-gang
Blind actuator, 4-gang DRA**
Order No. 5435 00

Technical data

Power supply:	AC 230 V ~, 50/60 Hz
Switching current per output:	
- Ohmic (AC1)	16 A
- Fluorescent lamps	4 AX
Connected load per output:	
- Light bulbs	2300 W
- HV halogen	2000 W
- Tronic transformer	1500 W
- Inductive transformers	1000 VA
- Fluorescent lamps, not compensated	920 VA
- Capacitive load	690 VA (560 µF)
- Motors	1000 W
- HV LED lights	typically 500 W
- Compact fluorescent lamps	typically 500 W
Standby power:	max. 0.5 W
Ambient temperature:	-5°C to +45°C
Installation width:	72 mm / 4 TE



Connection of wireless switching/momentary-contact actuator, 8-gang DRA



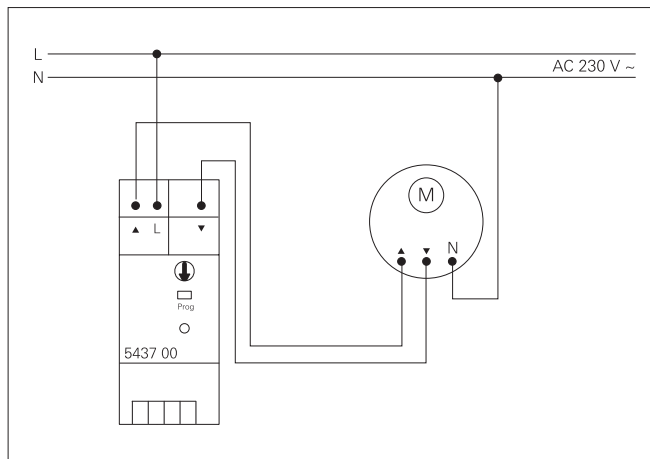
Connection of wireless blind actuator, 4-gang DRA



**Wireless blind actuator, 1-gang
DRA**
Order No. 5437 00

Technical data

Power supply:	AC 230 V ~, 50/60 Hz
Connected load of the motor:	1000 W
Control time for operating mode:	
Blinds	0.1 sec.
Shutters	0.3 sec.
Standby power:	0.2 W
Ambient temperature:	-5°C to +45°C
Installation width:	36 mm / 2 TE



Connection of wireless blind actuator, 1-gang DRA

Operating mode selector switch

- PC Set operating mode and parameters using eNet server
- ▼ t Start-up – determine duration
- ▲ t Start-up – determine slat time
- ≡ Blinds operating mode
- ≡ Shutters, awning operating mode

Connection of energy-saving lights

Long-field lights with electronic ballast on devices with relay contact

Capacitive loads, such as parallel-compensated fluorescent lamps, compact fluorescent lamps, energy saving lamps, electronic ballasts etc. strain the contact material of a relay to a certain degree. While statements can still be made regarding the maximum permissible size of the compensation capacitor and thus the maximum permissible load with parallel-compensated loads, it is generally no longer possible with electronic ballasts and energy-saving bulbs.

System-based dependencies

The following question pops up again and again: How many electronic ballasts/energy-saving bulbs can be connected to a device? In such cases, there is no decisive answer, despite all efforts. The height of the load or the maximum number of electronic ballasts/energy-saving bulbs which can be connected to the switching device depends on considerably more factors than just the technical data of these two components.

These are factors which are system- and application-specific and are not dependent on nor influenced by the manufacturer of the switching device or the electronic ballast/energy-saving bulbs.

They include, among others:

- The conditions of the supply mains (hard or soft mains)
 - Soft mains: great inner resistance of the mains, lower switch-on currents
 - Hard mains: small inner resistance of the mains, high switch-on currents possible
- Switch-on time based on current value of sine wave,
 - Sine-wave zero crossing: ideal, hardly any contact load
 - Sine-wave vertex: poor, maximum switch-on current
- is always switched on in the positive half-wave, for example
 - Material migration at contact material always goes in the same direction
 - Quicker failure of the contact

These system-based factors prevent even the relay manufacturers from providing concrete information on the connectible load on a relay.

Product variety

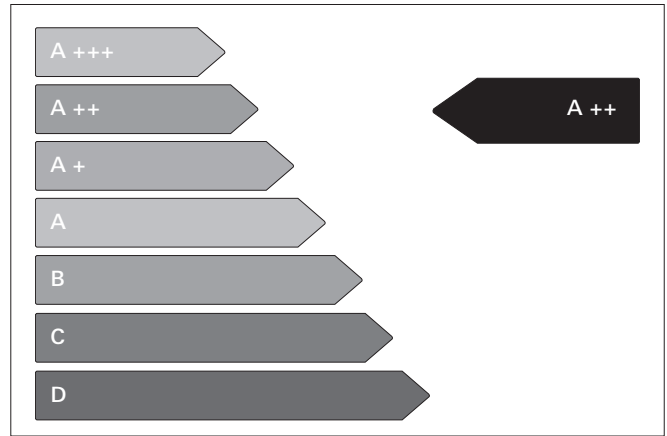
A large number of electronic ballast/energy-saving bulb manufacturers with a variety of products are found in the market. Here, each electronic ballast/energy-saving bulb may have completely different switch-on properties.

Such a diversity of products ultimately leads to the inability of manufacturers of the switching device to provide concrete information, even when questioned about the connection options of a specific electronic ballast. In addition, the manufacturer of the switching device is rarely notified of any changes to the switching technology of the electronic ballast.

Please comply with the switch-on peak currents with all capacitive loads. Use a power relay, for example, for higher currents and longer switch-on times.

Energy efficiency classes EU 2010/30/EC

The EU directive 2010/30/EC contains general conditions for classifying products. The directive lists various product groups, which are evaluated according to certain criteria. Details are regulated in corresponding EU regulations for each product group with regard to their energy consumption values.



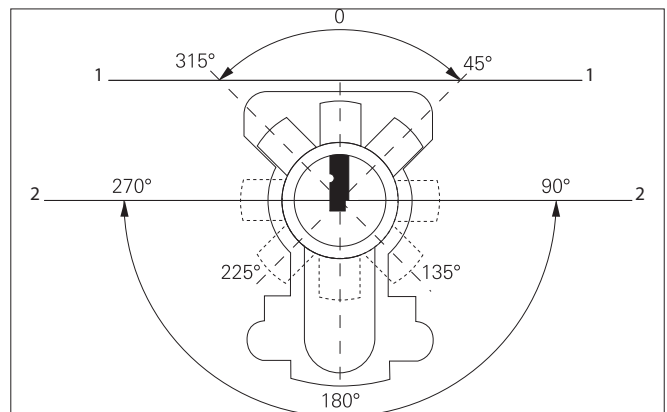
The number of efficiency levels presented (here in this example A+++ to D) may vary from one product group to another. In accordance with the traffic light principle, the bars are shown from top to bottom in the colours dark green through yellow to dark red. In this case, the green level A indicates the most favourable consumption values.

Profile semi-cylinders for key switch inserts

The locking bit can be adjusted for half-cylinder profiles by pressing in the rear pin in 45° increments.

With the locking bit setting 315° (see figure), the locking bit is led into the selector fork of the switch. The cover plate is not locked and the key can only be pulled out in the zero position (not switched).

With the locking bit settings 90°, 135° and 225° the locking bit is led next to the selector fork of the switch. After actuation, the key can be turned back to the exit position and pulled out. The cover plate is now protected against disassembly without a key.



Profile semi-cylinders for key switch inserts.

- 1 = 315° to 45° is not locked
- 2 = 270° to 90° is locked

Order No.	PS	Page	Order No.	PS	Page	Order No.	PS	Page	Order No.	PS	Page	Order No.	PS	Page
0001 00		02 233	0106 005 N		11 29	0125 26		11 50	0151 28		11 31	0211 235		11 104
0002 00		02 233	0106 01		01 29	0125 27		01 50	0151 600		11 31	0211 24		11 125
0003 00		02 233	0106 03		01 29	0125 28		11 50	0152 00		01 225	0211 25		11 103
0006 30		14 202	0106 203		11 29	0125 600		11 50	0152 31		14 205	0211 255		11 104
0007 30		14 202	0106 26		11 29	0125 603		11 50	0154 00		01 227	0211 29		01 103
0008 053		01 140	0106 27		01 29	0125 604		11 50	0154 30		14 200	0211 295		01 104
0008 055		11 140	0106 28		11 29	0125 605		11 50	0155 00		01 226	0211 326		11 119
0008 30		14 202	0106 31		14 205	0126 005 N		11 49	0156 00		01 225	0211 327		01 118
0009 01		01 97	0106 600		11 29	0126 01		01 49	0156 31		14 205	0211 328		11 119
0009 03		01 97	0107 00		01 224	0126 03		01 49	0157 00		01 227	0211 33		11 103
0009 30		14 202	0107 005 N		11 29	0126 203 D		11 157	0158 00		01 227	0211 331		11 127
0010 30		14 202	0107 01		01 29	0126 26		11 49	0159 00		01 227	0211 332		11 128
0011 053		01 141	0107 03		01 29	0126 27		01 49	0160 00 D		01 230	0211 334		01 125
0011 055		11 141	0107 203		11 29	0126 28		11 49	0161 00		01 230	0211 335		11 105
0011 30		14 202	0107 26		11 29	0126 600		11 49	0163 00		02 228	0211 36		11 120
0012 30		14 202	0107 27		01 29	0126 603		11 49	0163 30		02 200	0211 395		11 125
0013 053		01 141	0107 28		11 29	0126 604		11 49	0165 00		01 227	0211 397		11 126
0013 055		11 141	0107 31		14 205	0126 605		11 49	0166 00		01 419	0211 398		11 126
0013 30		14 202	0107 600		11 29	0127 005 N		11 49	0178 00		01 420	0211 399		11 127
0015 01		06 451	0108 00		01 224	0127 01		01 49	0179 00		01 420	0211 410		11 112
0017 053		01 140	0108 005 N		11 30	0127 03		01 49	0180 00		01 420	0211 411		11 112
0017 055		11 140	0108 01		01 30	0127 203 D		11 157	0180 005 N		11 70	0211 412		11 112
0018 00		14 202	0108 03		01 30	0127 26		11 49	0180 01		01 70	0211 413		11 112
0021 00		01 422	0108 203		11 30	0127 27		01 49	0180 03		01 70	0211 414		11 114
0022 00		01 422	0108 26		11 30	0127 28		11 49	0180 26		11 70	0211 415		11 114
0023 00		01 422	0108 27		01 30	0127 600		11 49	0180 27		01 70	0211 416		11 113
0036 00		01 422	0108 28		11 30	0127 603		11 49	0180 28		11 70	0211 417		11 113
0037 00		01 422	0108 600		11 30	0127 604		11 49	0180 600		11 70	0211 418		11 113
0039 00		01 424	0112 00		01 224	0127 605		11 49	0180 603		11 70	0211 421		11 112
0040 00		01 425	0112 005 N		11 30	0128 005 N		11 50	0180 604		11 70	0211 422		11 112
0041 00		01 416	0112 01		01 30	0128 01		01 50	0180 605		11 70	0211 423		11 113
0042 00		01 417	0112 03		01 30	0128 03		01 50	0180 613		11 70	0211 424		11 114
0045 00		01 422	0112 203		11 30	0128 203 D		11 158	0180 614		11 70	0211 425		11 114
0046 00		01 416	0112 26		11 30	0128 26		11 50	0180 615		11 70	0211 426		11 114
0047 00		01 424	0112 27		01 30	0128 27		01 50	0181 00		06 443	0211 427		11 113
0048 00		01 422	0112 28		11 30	0128 28		11 50	0182 00		06 444	0211 428		11 113
0049 00		01 423	0112 31		14 205	0128 600		11 50	0183 203		11 168	0211 50		11 125
0050 00		01 423	0112 600		11 30	0130 005 N		11 51	0184 00		46 443	0211 505		11 132
0052 00		01 424	0116 00		01 224	0130 201		01 51	0185 00		46 444	0211 51		11 125
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5406 00	N	02 257	5543 902		20 352	5648 03		01 415	5683 10		01 411			
5408 00	N	02 257	5543 920		20 352	5648 10		01 415	5684 01		01 411			
5409 00	N	02 258	5543 924		20 352	5649 01		01 415	5684 03		01 411			
5410 00	N	02 249	5543 926		20 352	5649 03		01 415	5684 10		01 411			
5414 00	N	02 259	5547 902		20 352	5650 01		01 415	5685 01		01 411			
5415 00	N	02 259	5547 920		20 352	5650 10		01 415	5685 03		01 411			
5420 00		42 559	5547 924		20 352	5650 03		01 415	5685 10		01 411			
5421 00		42 560	5547 926		20 352	5650 10		01 415	5686 01		01 412			
5422 00		42 560	5549 902		20 352	5651 01		01 415	5686 03		01 412			
5423 00		42 558	5549 920		20 352	5651 03		01 415	5686 10		01 412			
5424 00		42 558	5549 924		20 352	5651 10		01 415	5687 01		01 412			
5425 00		42 559	5549 926		20 352	5652 01		01 412	5687 03		01 412			
5427 00		42 561	5560 902		20 351	5652 03		01 412	5687 10		01 412			
5429 00		42 565	5560 920		20 351	5652 10		01 412	5690 01		01 412			
5430 00		42 562	5560 924		20 351	5653 01		01 412	5690 03		01 412			

Terms and conditions of sale, delivery and payment for the Building Technology business division

GIRA

Scope, definitions

Scope:

1. These Terms and Conditions of Sale, Delivery and Payment apply only to entrepreneurs, legal persons under public law or special funds under public law under the terms of Section 310 para. 1 of the German Civil Code (BGB). Where Customer's terms and conditions of sale contradict or differ from Gira's, Gira will only recognise them if it has explicitly confirmed in writing that they are valid.

2. These Terms and Conditions of Sale, Delivery and Payment apply to all future transactions with Customer, provided that they are legal transactions of a related kind.

Definitions:

The terms 'Gira', 'Customer' and 'Entrepreneur' have the following meanings:

Gira is
Gira Giersiepen GmbH & Co KG,
Dahlienstrasse,
42477 Radevormwald

Customer is any entrepreneur, with whom Gira enters into a contract in accordance with Section 2 of these General Terms and Conditions.

Entrepreneur is any natural or legal person or partnership with legal capacity which is exercising its trade or profession when entering into a transaction with Gira.

1. General provisions

1. Gira reserves without limitation its rights of ownership and exploitation of copyright in respect of cost estimates, drawings and other documents. The documents may be made available to third parties only with Gira's prior written consent. If the order is not placed, they must be returned to Gira upon request without undue delay. Sentences 1 and 2 apply mutatis mutandis to Customer's documents. However, these may be made available to any third parties that Gira has commissioned, as permitted by the contract, to deliver the products and services.

2. Partial deliveries are permitted if they are acceptable to Customer.

2. Offer and conclusion of the contract

Any order that can be seen as an offer under the terms of Section 145 BGB can be accepted by Gira within two weeks.

3. Scope of the deliveries and services

The documents, drawings, information about weights, samples etc. enclosed with Gira's offer are only approximate, unless otherwise stated in the offer. Änderungen der Konstruktion, Gira expressly reserves the right to make changes to the design, layout, choice of materials and manufacturing process even after sending the order confirmation, provided that this does not affect the quality, price and/or material functional data or the delivery period, and that this is acceptable to Customer.

4. Delivery periods

1. The delivery period specified by Gira is not binding, unless other agreements are reached with Customer. This is expressly dependent on correct and timely deliveries being made to Gira.

2. The delivery period will be extended if unforeseen, unusual, or unavoidable events occur, in particular strikes of any kind, embargoes, or the failure of Gira's suppliers to deliver on schedule.

3. If the shipment of the goods is delayed at Customer's request or for other reasons that are not Gira's responsibility, Customer will pay the resulting additional costs and will bear the risk of the goods being destroyed or damaged accidentally, as soon as it has informed Gira that it is ready to receive the shipment.

4. If the product is stored in Gira's factory (or on the premises of Gira's authorised representatives), Gira is entitled to charge at least 0.5% of the price of the delivery for every month or part of a month of storage. Gira reserves the right to make other claims, particularly under the terms of Section 373 of the German Commercial Code (HGB).

5. Gira reserves the right to make partial or early deliveries.

6. In the event of a delay in delivery, for which Gira is responsible, Customer is obliged to inform Gira in writing of an appropriate extension period. If, in the event of a delay in delivery, Customer grants Gira an extension period that is reasonable in the circumstances and if Gira misses the new deadline due to reasons, for which Gira is responsible, Customer is entitled to withdraw from the contract. Customer may only claim compensation if any losses or damage suffered were caused intentionally or as a result of gross negligence.

7. If the contract is a fixed-date transaction under the terms of Section 376 HGB, the previous paragraph applies, with the proviso that Customer can withdraw in writing from the contract to the exclusion of all further rights, unless the losses or damages were caused due to intent or gross negligence.

8. In order for Gira to meet the delivery deadline, Customer must fulfil its contractual obligations and, in particular, its payment obligations properly and on schedule.

5. Transfer of risk, shipment

1. The Incoterms rules, as amended, currently Incoterms 2010, "EXW" (ex works) clause, applies to the relationship between Gira and Customer. The risk of the goods being accidentally destroyed or damaged is transferred to Customer when the goods are shipped to Customer and, at the latest, when they leave the factory/warehouse. This applies regardless of whether or not the goods are shipped from the place of fulfilment and regardless of who is responsible for the shipping costs.

2. If Gira takes responsibility for the transport insurance as part of its general insurance policy, the terms and conditions of the insurance apply and the following documents must be provided by the client:

- Factual report from the transport company (for example the receipt from the haulage firm)
- Original copy of the consignment note
- Transfer of rights for the damage caused.

3. If Gira is responsible for the transport damage, Customer must inform Gira in writing immediately after receiving the shipment that transport damage has occurred. The damaged parts must be sent back to the factory in Radevormwald or to the relevant Gira warehouse free of charge. Customer is not permitted to refuse to accept deliveries because of minor defects.

6. Prices, payment terms, securities

1. Gira's prices are quoted ex works or from the relevant warehouse and exclude the cost of packaging and VAT at the current rate. The cost of the packaging will be invoiced separately.

2. Unless a fixed price agreement has been reached with Customer, Gira reserves the right to make appropriate adjustments to the prices as a result of changes in the cost of salaries, materials and sales for deliveries that are made three months or more after the contract is concluded.

3. A flat-rate processing fee of EUR 15 shall be charged for orders of less than EUR 100. For third-party deliveries (where the shipping address differs from the order address), Gira charges a flat-rate shipping charge of at least EUR 7.50 per shipment. Higher shipping charges will be agreed individually with Customer.

4. All payments by Customer must be made to Gira's bank account on the agreed dates.

5. If Customer's financial situation changes after the date on which Gira sends out the order confirmation and if this could call into question Customer's ability to fulfil its payment obligations, Gira is entitled to withhold delivery of the goods or to require Customer to provide security. If Customer does not comply with Gira's request for security within a reasonable period, Gira is entitled to withdraw from the contract.

6. If Customer pays within 10 days of the invoice date, Gira offers a discount of 2%. Gira does not offer a discount on the services that it provides. No discount will be given on payments that are in arrears. The standard payment term is 30 days strictly net. Gira's representatives and salespeople are not authorised to accept payments or means of payment, unless they have collection authority.

7. Customer is obliged to comply with Gira's request to pay within 30 days of receiving the goods. At the end of this period Customer is considered to be in default, without a further reminder being necessary. While Customer is in default, it must pay interest of 9% above the base rate on the amount it owes. Gira reserves the right to provide proof that greater damage has been caused by Customer's default and to assert a claim for the same.

8. If Gira has taken responsibility for setting up and assembling the goods, unless otherwise agreed, Customer will pay all the necessary incidental costs such as travel costs, costs of transporting the employee's tools and luggage and the accommodation allowance, in addition to the agreed payment for the work.

7. Offsetting payments and rights of retention

Customer is entitled to offset payments to Gira only if its counterclaims are res judicata or are undisputed. Customer is entitled to exercise a right of retention with regard to Gira only if its counterclaim is based on the same contractual relationship.

8. Defects

Gira's liability for defects is as follows:

1. All the parts or services that prove to have a defect within the period of limitations – regardless of the operating period – must at Gira's discretion be rectified or replaced with new parts or services, provided that the cause of the defect already existed at the time when the risk was transferred.

2. The period of limitations for claims for material defects is 24 months. This does not apply if the law specifies longer periods under the terms of Section 438 para. 1 point 2 (buildings and items for buildings), Section 479 para. 1 (recourse claims) and Section 634a para. 1 point 2 (construction defects) BGB. It also does not apply in the case of loss of life, injury or harm to health or of an intentional or grossly negligent breach of duty on the part of Gira or of malicious silence with regard to a defect. The foregoing shall be without prejudice to the legal regulations on suspension of the statute of limitations, suspension and recommencement of the time periods.

3. Customer must inspect goods and services immediately after receiving them. Es gilt § 377 HGB. Section 377 HGB applies. Customer must inform Gira of defects in writing, by email or by fax within a period of two weeks. The decisive factor is the date on which Gira receives the complaint. In the case of obvious defects, this period begins when the goods are delivered to Customer. In the case of hidden defects, it begins when the defects are identified by Customer. If Gira is not notified of the defect in good time, Customer may not make any claims under warranty. Customer bears the full burden of proof in respect of all claims, in particular with regard to the defect itself, the date on which it was identified, and the timeliness of the complaint.

4. In the case of complaints that are submitted within the specified period and which are in the correct form, Customer is entitled to withhold payments that are proportionate to the defects that have been identified. Customer can withhold payments only if a complaint has been made, whose justification is beyond doubt. If the complaint was made wrongly, Gira is entitled to require that Customer reimburse it for any expenses incurred.

5. First of all, Gira must be given a reasonable opportunity to rectify the problem within a reasonable period. Any parts that have been replaced must be sent back to Gira on request free of charge.

6. If the attempt to rectify the problem fails (under the terms of Section 440 BGB), Customer can withdraw from the contract or reduce the payment amount, notwithstanding any claims for damages under the terms of Section 12.

7. Claims for defects cannot be made if there is only a minor deviation from the agreed quality, a minor impairment in usability, natural wear or damages that occurred following transfer of risk due to incorrect or negligent handling, excessive loading, unsuitable operating resources, defective construction work, an unsuitable building site or particular external influences that are not provided for in the contract, or non-reproducible software errors. If Customer or a third party makes improper changes or carries out improper repairs, Customer is not entitled to make a claim for defects for these problems or the resulting consequences. Gira's warranty terms require the product to be fitted correctly and to be started up and used precisely in accordance with the operating instructions.

8. Customer cannot make any claims for the necessary expenses incurred for the purpose of rectifying the problem and in particular the cost of transport, travel, labour and material, if the expenses have increased because the product was subsequently taken to a location other than Customer's site, unless taking it to the other location corresponds with its intended use.

9. Customer may make recourse claims against Gira under the terms of Section 478 BGB (recourse of the entrepreneur) only if Customer has not reached any agreements with its own customer that go beyond the statutory claims for defects. Section 8 para 7 and Section 8 para 8 apply mutatis mutandis in respect of the scope of Customer's recourse claim against Gira under the terms of Section 478 para 2 BGB.

10. In the event of claims for damages, Section 12 (Other claims for damages) of these Terms and Conditions of Sale, Delivery and Payment also apply. Customer cannot make further claims or claims other than those described in this Section 8 against Gira and its agents because of a defect.

9. Returns processing (Return of goods)

1. If Customer's warranty claim is not valid, Gira is not obliged to take the goods back.

2. If Gira makes an exception and agrees to take back a customer's goods without a warranty claim being made, this constitutes a voluntary measure and does not involve the recognition of legal obligations. This does not justify Customer making a claim for the refund of the purchase price.

3. If Gira processes a return without any warranty claims being made as described in No. 2 above, Customer shall be charged a flat-rate processing fee. The current amount of the fee can be found on Gira's website at <http://www.gira.de/service> and <http://www.gira.de/service/fgh/retouren.html>.

10. Retention of ownership

1. Gira retains ownership of the goods until all the payments have been received from all the contracts which have been entered into up to the time of the signing of the final contract between Customer and Gira. Customer may resell the goods that are subject to reservation of ownership in the ordinary course of business. However, Customer will assign to Gira all claims for the amount of the relevant invoice value that Customer has incurred as a result of the resale of the goods to its own customer or to third parties. Customer is entitled to collect these claims even after they have been assigned. This does not affect Gira's authorisation to collect the claims itself. In particular, Gira can require Customer to inform Gira about the assigned claim, its level and its debtors, to provide all the information needed for the purposes of collection, to submit the accompanying documents to Gira immediately and to inform the debtor of the assignment of the claim in writing.

2. Customer is not entitled to pledge the goods that are subject to reservation of ownership or to transfer ownership of the same to third parties by way of security.

3. If Customer breaches the terms of the contract and, in particular, is in payment arrears, Gira is entitled to take back the goods. If Gira takes back or pledges the goods, this does not constitute a withdrawal from the contract on Gira's part. If Gira wishes to withdraw from the contract, it will inform Customer of this expressly in writing. Customer must inform Gira immediately in writing of any pledges or other interventions by third parties.

4. If Customer processes or modifies the goods, this is always done in the name of and on behalf of Gira. In this case Customer retains its expectant right to the purchased item in relation to the unmodified item. If the purchased item is processed with other items not belonging to Gira, Gira will acquire co-ownership of the new item in the proportion of the objective value of the purchased item to the value of the other items at the time when they are processed. This also applies to the mixing of items. If the items are mixed in such a way that Customer's product can be regarded as the main product, it is agreed that Customer will transfer proportional co-ownership to Gira and will safeguard Gira's resulting sole ownership or co-ownership. In order to provide security for Gira's claim against Customer, Customer will also assign to Gira claims against a third party that result from combining the goods under retention of title with a piece of land. Gira hereby agrees to accept this assignment.

5. Gira will release Customer's security on request at Gira's discretion and to the extent that the value of the security exceeds the value of the claims being secured by more than 25%.

11. Impossibility of delivery

If it is impossible to deliver the goods or services, Customer is entitled to claim damages, unless Gira is not responsible for the impossibility of delivering the goods. However, Customer's claim for damages is restricted to 10% of the value of that part of the delivery that cannot be put into operation because of the impossibility of delivery. This restriction does not apply if mandatory liability is applicable in cases of intent, gross negligence or due to loss of life, injury or harm to health. This does not involve a change in the burden of proof to Customer's disadvantage. Customer's right to withdraw from the contract remains unaffected.

12. Other claims for damages

1. Schadens- und Aufwendungsersatzansprüche des Kunden (im Folgenden: Customer cannot make claims for damages and expenses (referred to in the following as claims for damages) for whatever legal reason and, in particular, because of the breach of contractual obligations or because of unlawful acts. This does not apply if mandatory liability is applicable – under the terms of the German Product Liability Act, for example, in cases of intent or gross negligence, due to death, physical injury or damage to health, or due to the breach of essential contractual obligations. However, a claim for damages for the breach of material contractual obligations is restricted to foreseeable damages that are typical for this type of contract, provided that there is no intent or gross negligence involved and that there is no liability for loss of life, injury or harm to health.

2. In addition, the basis and extent of claims for damages is restricted to the amount of insurance available to Gira at the time the damage occurred.

3. If Customer is entitled to make claims for damages under the terms of this Section 12, the statutory regulations concerning the period of limitations apply.

13. Place of fulfilment, place of jurisdiction, scope

1. The place of fulfilment for all obligations arising from this contract – including any claim resulting from withdrawal – is Radevormwald.

2. The place of jurisdiction is agreed as being those places where the courts with jurisdiction for Radevormwald are located. This also applies to legal proceedings concerning bills of exchange and cheques and, in particular to claims relating to the debt collection procedure. However, if legal proceedings against Gira are not pending, Gira is entitled to take proceedings against Customer in the court with jurisdiction over the town where Customer is based.

3. The law of the Federal Republic of Germany applies to all legal relationships relating to this contract. The United Nations Convention on Contracts for the International Sale of Goods (CISG) is explicitly excluded.

Last updated: 10/2017





Further information

For technical queries or ordering sales promotion materials, please contact your wholesaler, in special cases the responsible Gira agency or the plant directly.

Gira switches and socket outlets are developed and marketed under constant consultation with the electrical wholesale trade, the electrical trade and the retail market for the electrical trade. This installation device system is therefore intended as the product range of the specialised trade.

Of course, the depth of the Gira product range can only be given limited space in the material catalogues of the electrical wholesale trade. Therefore, please always refer to the Gira General Catalogue. Only the General Catalogue provides a complete overview of the product range.

All products in this catalogue falling under the CE guidelines are labelled with the CE mark on the packaging label and on the product.

The catalogue is intended as a working document for dealers. The prices listed are non-binding recommended prices and apply from November 2018. All products have been provided with price-system code numbers (PS).

The information in the catalogue refers to the products' current production status. Technical details and design are subject to change.

Our general sales, delivery and payment conditions apply exclusively.

Imprint

Published by:
Gira Giersiepen GmbH & Co. KG

Product photography/
product illustrations:
Dirk Hoffmann, Jüchen
Udo Kowalski, Wuppertal
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Schleißelmann Fotografie,
Velbert
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Wuppertal
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Photography of architecture and
plant grounds:
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Product illustration:
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ny
(Profile 55, TX_44, energy profile)

Concept, design concept:
schmitz Visuelle Kommunikation
www.hgschmitz.de

Layout, editing, realisation:
vimago GmbH
www.vimago-medien.de

Lithography:
vimago GmbH, Oberhausen

Printing:
mediaprint solutions GmbH,
Paderborn

iPhone, iPod, iPad, iTunes, iPhoto,
Mac OS x are registered trade-
marks of Apple Inc.

Subject to technical modifica-
tions. Product illustrations can
deviate.

Cover frames order number matrix

Using this list, you can easily determine the order numbers of the cover frames from the Gira design lines.

The first four digits indicate the type of cover frame. The final digits identify the design line and the desired colour or material. There is a space between the first four and final digits to clearly separate them.

Order numbers for cover frames with crossbar:

- 1-gang **0211...**
- 2-gang **0212...**
- 3-gang **0213...**
- 4-gang **0214...**
- 5-gang **0215...**

Cover frames without crossbar:

- 1.5-gang **1001... ***
- 2-gang **1002...**



Event

- **08** anthracite/anthracite
- **81** anthracite/colour aluminium
- **328** anthracite/pure white
- **06** colour aluminium/anthracite
- **36** colour aluminium/colour aluminium
- **326** colour aluminium/pure white
- **808** pure white glossy/anthracite
- **806** pure white glossy/colour aluminium
- **803** pure white glossy/pure white
- **07** pure white matt/anthracite
- **71** pure white matt/colour aluminium
- **327** pure white matt/pure white



Event Clear

- **758** aubergine/anthracite
- **756** aubergine/colour aluminium
- **753** aubergine/pure white
- **768** brown/anthracite
- **761** brown/cream white
- **766** brown/colour aluminium
- **763** brown/pure white
- **748** green/anthracite
- **746** green/colour aluminium
- **743** green/pure white
- **778** sand/anthracite
- **776** sand/colour aluminium
- **771** sand/cream white
- **773** sand/pure white
- **738** black/anthracite
- **736** black/colour aluminium
- **733** black/pure white
- **728** white/anthracite
- **726** white/colour aluminium
- **723** white/pure white



Event Opaque

- **14** amber/anthracite
- **69** amber/colour aluminium
- **332** amber/pure white
- **89** blue/anthracite
- **93** blue/colour aluminium
- **399** blue/pure white
- **13** dark brown/anthracite
- **59** dark brown/colour aluminium
- **331** dark brown/pure white
- **85** mint/anthracite
- **51** mint/colour aluminium
- **395** mint/pure white
- **87** orange/anthracite
- **53** orange/colour aluminium
- **397** orange/pure white
- **88** red/anthracite
- **92** red/colour aluminium
- **398** red/pure white
- **334** white/pure white
- **24** white/anthracite
- **50** white/colour aluminium



Esprit, glass C

- **518** mint
- **505** black
- **522** umber
- **512** white



Esprit

- **17** aluminium****
- **127** aluminium brown****
- **217** aluminium light gold****
- **126** aluminium black****
- **10** chrome****
- **219** stainless steel****
- **18** mint glass
- **05** black glass
- **122** umber glass
- **12** white glass
- **226** linoleum-plywood, anthracite****
- **227** linoleum-plywood, blue****
- **223** linoleum-plywood, dark brown****
- **221** linoleum-plywood, light brown****
- **220** linoleum-plywood, light grey****
- **229** linoleum-plywood, red****



Studio

- **130** white glass**
- **135** black glass**



Studio AP

- **130** white glass*** /*****
- **135** black glass*** /*****



ClassiX

- **621** bronze
- **623** bronze + cream white
- **622** bronze + black
- **641** chrome
- **643** chrome + cream white
- **642** chrome + black
- **631** brass
- **633** brass + cream white
- **632** brass + black



ClassiX Art

- **661** bronze
- **663** bronze + cream white
- **662** bronze + black
- **681** chrome
- **683** chrome + cream white
- **682** chrome + black
- **671** brass
- **673** brass + cream white
- **672** brass + black



E2

- **203** aluminium
- **209** aluminium
- **206** aluminium, flat*****



TX_44**** /*****

- **67** anthracite
- **65** colour aluminium
- **66** pure white



Standard 55

- **01** cream white glossy
- **03** pure white glossy
- **04** pure white matt



E2

- **23** anthracite
- **235** anthracite, flat*****
- **09** black matt
- **095** black matt, flat*****
- **25** colour aluminium
- **255** colour aluminium, flat*****
- **29** pure white glossy
- **295** pure white glossy, flat*****
- **22** pure white matt
- **225** pure white matt, flat*****
- **33** stainless steel
- **335** stainless steel, flat*****



E3

- **410** pure white glossy
- **411** light grey/pure white
- **421** light grey/anthracite
- **412** grey/pure white
- **422** grey/anthracite
- **413** dark grey/pure white
- **423** dark grey/anthracite
- **417** sand/pure white
- **427** sand/anthracite
- **418** grey beige/pure white
- **428** grey beige/anthracite
- **416** umber/pure white
- **426** umber/anthracite
- **414** blue grey/pure white
- **424** blue grey/anthracite
- **415** grey green/pure white
- **425** grey green/anthracite

* 1.5-gang cover frames available in:

Standard 55 01,.... 03,.... 04
E2 23,.... 09,.... 25,.... 29,.... 22,

Esprit, glass C.... 518,.... 512,.... 505,.... 522
Esprit 17,.... 126,.... 127,.... 18,.... 12,.... 05,.... 122

** Cover frames only available in 1 to 3-gang,

*** Housings with cover frames only available in 1-gang; can be extended as desired

**** Cover frames only available in 1 to 4-gang

***** Cover frames for flat mounting only available in 1 to 4-gang

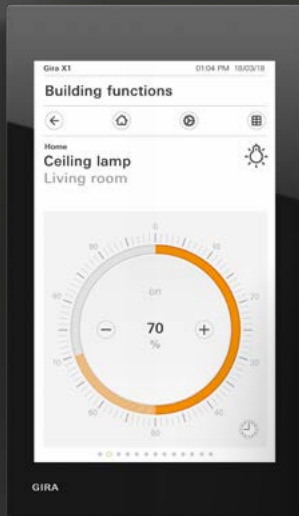
***** Cover frames without crossbar not available

Gira is committed to acting responsibly and supporting the sustainable development of society. When producing the Gira catalogue, we therefore endeavour to continually reduce the consumption of resources and emission of harmful gases while preventing environmental pollution as much as possible. We strive to reach these goals by using sustainable, eco-friendly materials.

For this reason we chose FSC® certified paper for the cover while the inside pages are made of 100 percent recycled paper stock that has been awarded the "Blue Angel" eco label. Less water and energy are consumed in manufacturing this environmentally friendly paper than for the production of paper made of virgin fibres. The CO₂ emissions are also lower compared to the production of conventional paper.

In addition, we commissioned a calculation providing us with a figure for the amount of CO₂ emissions caused by the production of the current Gira catalogue. To help us reduce this footprint we support a regional climate protection project, and have selected the "Bergwaldprojekt Werdohl" which is part of the "Deutschland plus" initiative. The project has been granted Gold standard with its combined climate protection certificate. This means that the standard is reached jointly with an international climate protection project in Togo, West Africa.





Gira G1 X1 client
Everything at a single glance.
→ p. 459

Gira X1
The cornerstone of the Smart Home.
→ p. 482

Gira S1
Safe home when on the move.
→ p. 477



Gira Project Assistant (GPA)
Configure building technology – easily.
→ p. 487



Gira eNet SMART HOME
Control your building technology via radio.
→ p. 541



Plug & Light, Gira floodlight
Flexible indoor lighting – simpler than ever.
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Gira KNX motion detector
All bases covered.
→ p. 498



Gira System 3000
Controlling lights and blinds has never been easier.
→ p. 243