

JUNG

We electrify you

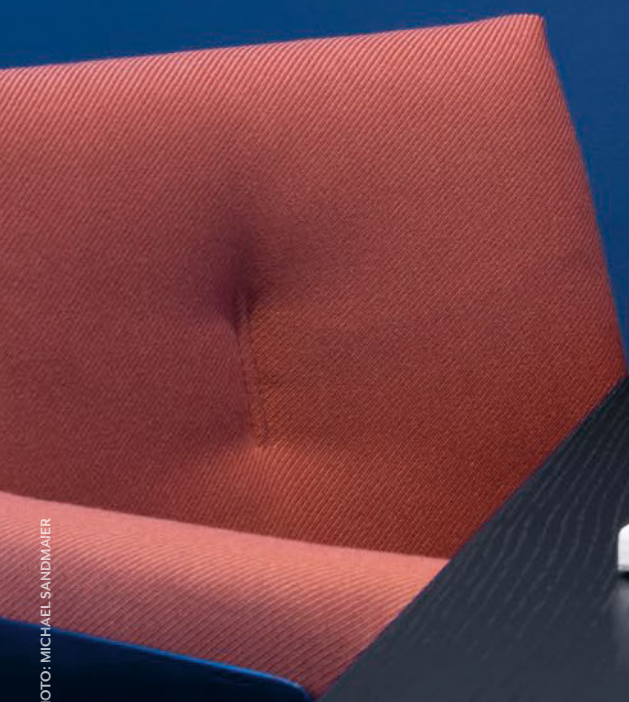


Report EN 26

MADE IN GERMANY SINCE 1912

JUNG-GROUP.COM

ART & CO



Push-button and rotary dimmer in the
LS 990 range in Les Couleurs® Le Corbusier®
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Light + Building 2026 – we electrify you

As the leading trade fair for lighting and building technology, Light + Building sets the tone for tomorrow's solutions. JUNG is presenting its latest developments under the motto "We electrify you". Our motto embodies both motivation and aspiration. We make buildings more efficient, installations smarter and the experience of spaces far better.



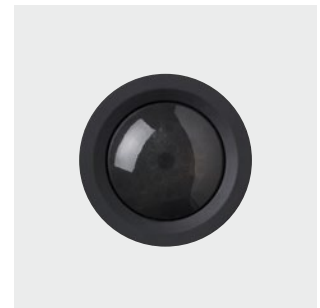
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Smart functions seamlessly integrated into the system



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Wireless charging in switch design



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Many functions, integrated to save space

JUNG HOME

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TOP-100 seal of quality for JUNG



The TOP 100 competition honours the most innovative medium-sized companies in Germany. Evaluation is not based on a single product, but on the quality of innovation management, that is, structures, processes and corporate culture. The award is based on a scientifically sound analysis procedure and serves as a recognized seal of quality for innovative strength in the SME sector.

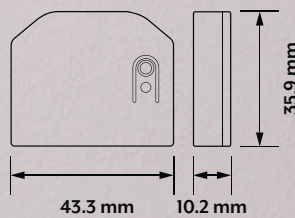
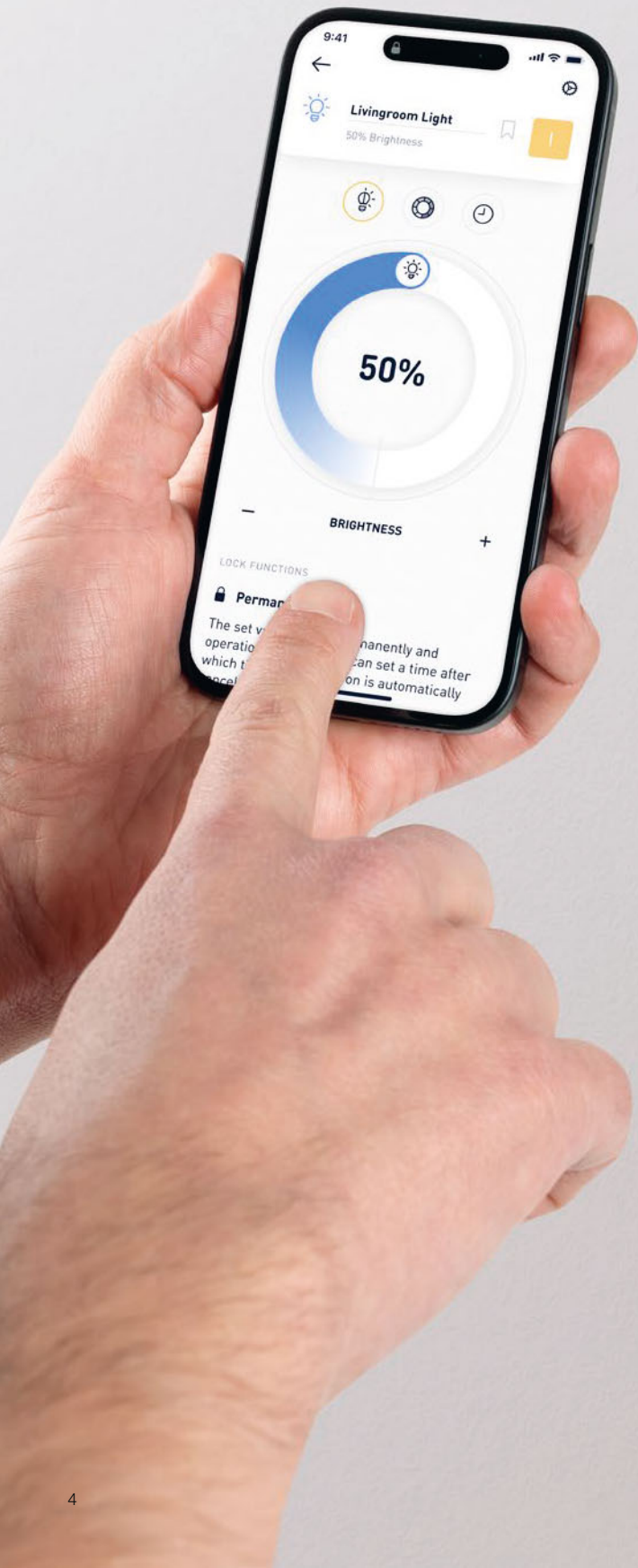


JUNG company management (from left): Thomas Fischl, Martin Herms, Nikolas Schwarzmüller-Krumbach

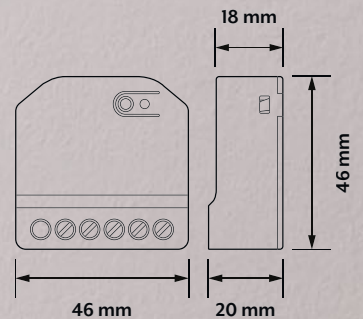
Progress as tradition

Innovation, passion and precision have been guiding the development of trendsetting building technology at JUNG since 1912. This is why we deliberately decided to take part in the renowned TOP 100 most innovative SMEs competition. The innovative power of our team was scrutinised in five categories. The following segments were analysed: Innovation-promoting top management, innovative climate, innovation processes and organization, external orientation / open innovation as well as innovation success. JUNG has passed the resulting more than 100 test criteria and is therefore one of the TOP 100 most innovative medium-sized companies of the year.

At JUNG, innovation is seen as a joint, long-term task. It results from the interaction of engineering expertise, design know-how, systems thinking and experience. The staff contribute their technical expertise, architectural understanding and practical experience to the development process. Innovation at JUNG is not reflected in short-term effects, but in durable systems, open standards, high product quality and timeless design. The continuous ongoing development of existing solutions, the integration of new technologies and the responsible use of resources characterize this mindset.



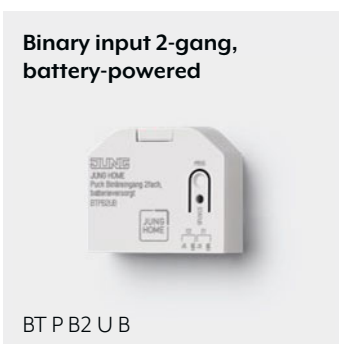
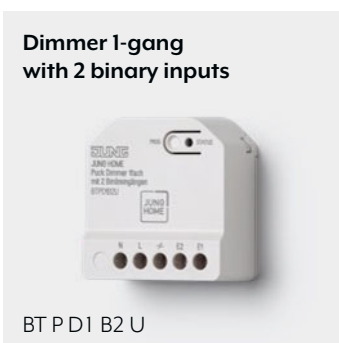
**JUNG HOME Puck binary input
2-gang, battery-powered**



JUNG HOME Puck

The particularly compact design enables a simple and inconspicuous installation in flush-mounted boxes, false ceilings, roller-shutter housings or light baldachins.

Compact, smart, networked



Bluetooth® MESH

Networked locally using Bluetooth® Mesh

The JUNG HOME Pucks are networked wirelessly using Bluetooth® Mesh – completely without a server or Internet connection. All functions can be conveniently controlled with a switch or the JUNG HOME app.

Simply retrofit: whether light, shutter or heating – the compact JUNG HOME Pucks bring intelligent functions into existing installations and make buildings smart. Made in Germany and developed with the highest demands on quality and security, the JUNG HOME Pucks offer many application possibilities for more convenience and energy efficiency. Smart solutions that work.



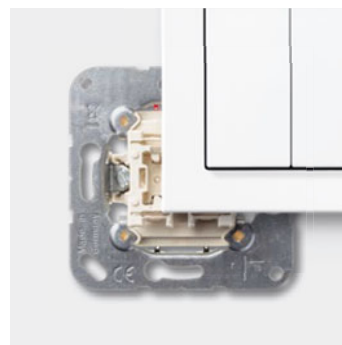
Retrofitting smart lighting

The switch actuator 2-gang has two binary inputs for switches, push-buttons or 230 V signals, and switches lighting and common household devices using two independently usable channels. In combination with a conventional 2-gang push-button, both actuator channels can be switched independently of each other. Individual central functions or scenes can also be triggered. In addition, with a battery-powered push-button, the lighting can be centrally switched.



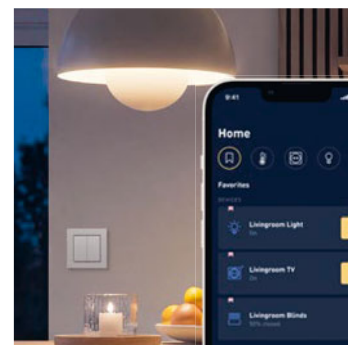
Go Smart!

1 The JUNG HOME Puck switch actuator 2-gang is installed in the existing wall box. Two channels are available.



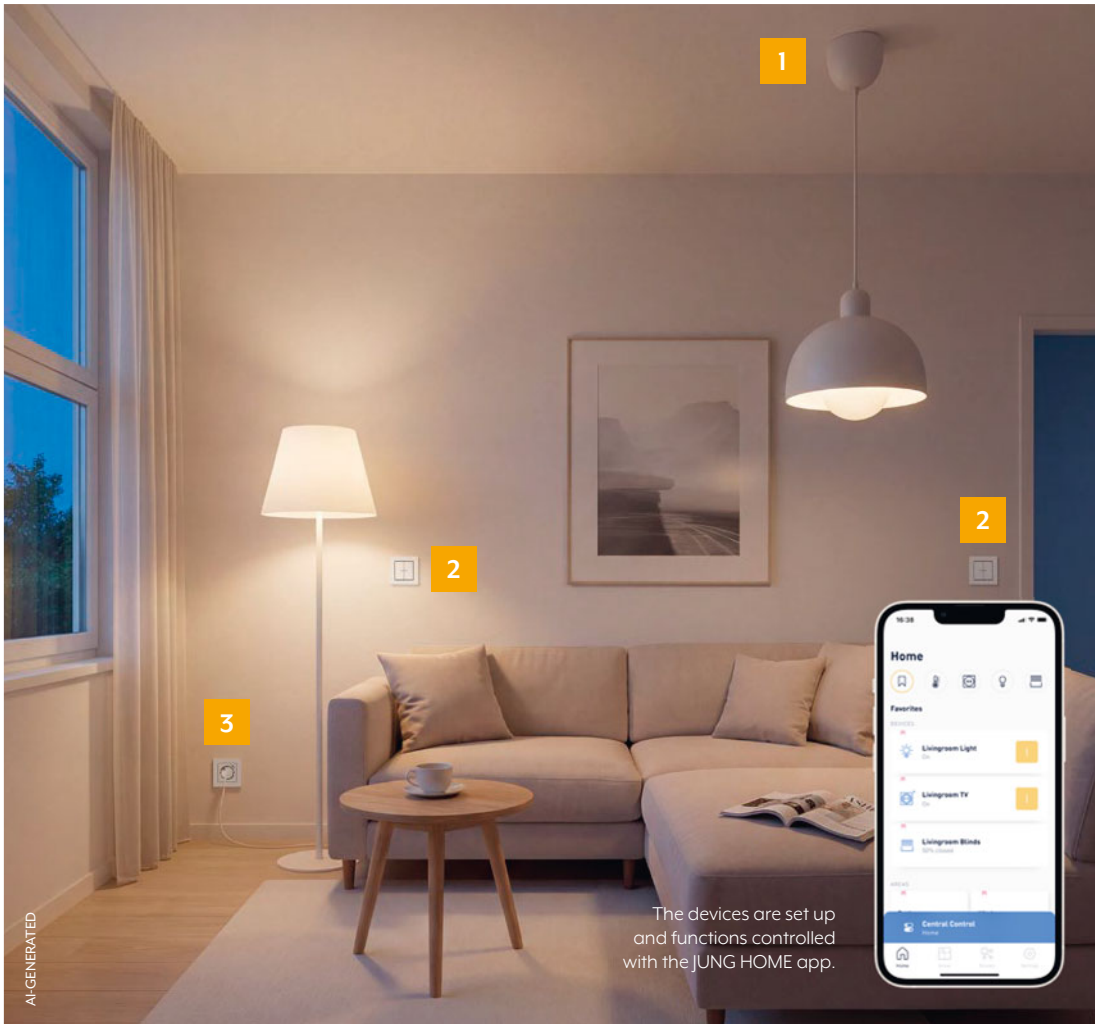
More Functions

2 Insert and centre plate are exchanged for a 2-gang push-button. The wired function is retained.



Controlling light

The lighting can now be switched using a push-button or the JUNG HOME app.



Lighting atmosphere on request

With the JUNG HOME Puck dimmer 1-gang, the brightness of luminaires can be adjusted continuously – for atmospheric lighting to relax or bright illumination for work. The Puck has two binary inputs for push-buttons or 230 V signals. It is suited to installation in a false ceiling or direct in the light baldachin and can be controlled using a push-button or the app. The JUNG HOME push-buttons (battery-powered) control the switched socket and dim the ceiling light via Bluetooth®.



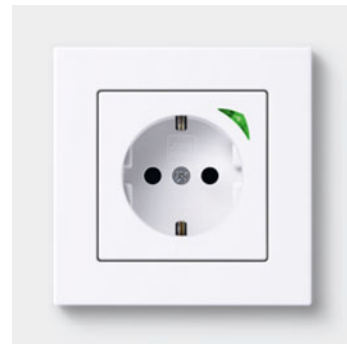
Go Smart!

1 The JUNG HOME Puck dimmer 1-gang is installed in the lamp baldachin and makes the lamp controllable.



Battery-powered push-buttons

2 The battery-powered push-buttons can be positioned flexibly, independently of the 230 volt installation.



Controlling light

3 The standard lamp is switched using the switchable JUNG HOME socket.



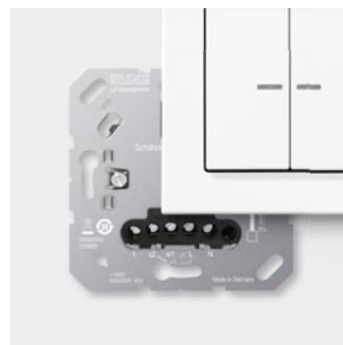
Retrofitting light and shading control

The blinds actuators are inserted in the roller-shutter housing. The conventional light switch is replaced by a system insert for switching and dimming of the lighting. A push-button 2-gang for the light and shading control is used on the system insert. In addition, the push-button serves as a timer for the Pucks to automatically lower the shutters in the evening. In this way, installation costs are reduced.



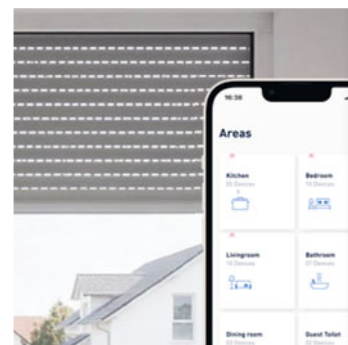
Go smart!

1 The blinds actuators are mounted directly in the roller-shutter housing and enable reliable shutter control with very low installation costs.



Control with JUNG HOME push-button

2 The JUNG HOME push-button on the system insert controls the shutters and the ceiling light and at the same time serves as the timer for the Pucks.



Control with the app

Using the JUNG HOME app, movement times, automations and individual scenes for shading are set flexibly.



Heating efficiently, room by room

The JUNG HOME room thermostat in combination with the Puck switch actuator 2-gang regulates hydronic underfloor heating just as reliably as radiators or electric heating systems. Using its two switching outputs, two heating circuits can be separately controlled. With the adjustable automations in the room thermostat, the desired temperature is automatically maintained – for pleasant warmth, efficient operation and seamless integration into existing installations.



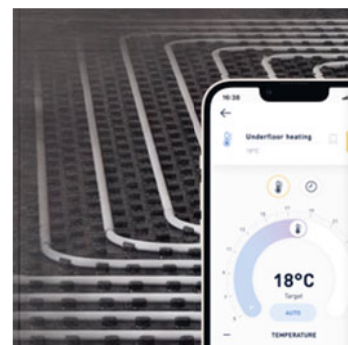
Smart regulation of heating circuits

1 Thanks to its compact shape, the Puck also fits into the heating manifold; an installation box is available if required. It is controlled by the room thermostat, and the devices communicate using Bluetooth® Mesh.



Precise temperature control

2 The JUNG HOME room thermostat measures the room temperature and regulates the heating to the desired value automatically. A wired connection between thermostat and actuator is not required.



Convenient control with the app

The temperature can be adjusted at any time using the app – rooms can be individually regulated, time programs set up and operating states conveniently checked.

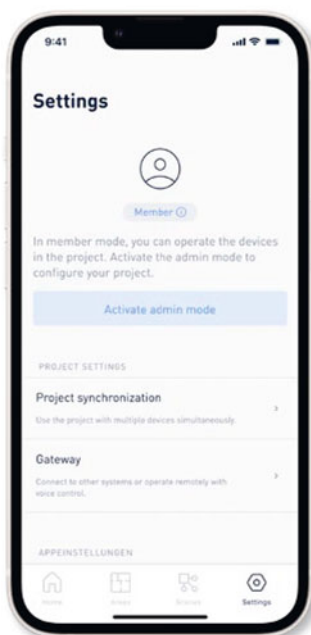
New role concept in the JUNG HOME app

With the update to version 2.0.0, the JUNG HOME app relies on a role concept with two levels: Member and Admin. This makes everyday operation easier and avoids synchronization errors, as only one person can be active in admin mode at a time.

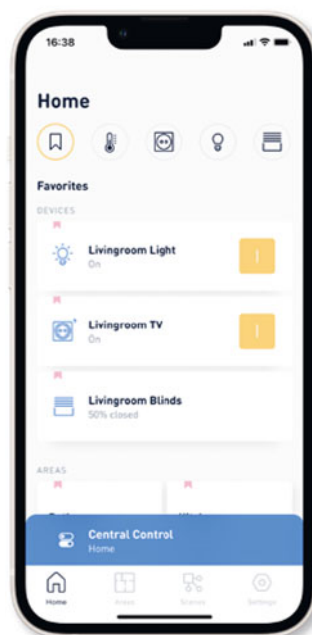
In Admin mode, the entire JUNG HOME network can be configured and new devices added. The member mode is reduced to operation. Devices such as push-buttons, motion detectors or binary inputs are hidden; automatic functions and settings cannot be changed. Changes to the system are thus made more consciously and comprehensibly. The app also provides new software versions for all JUNG HOME

devices. The updates are optional, but for the first time enable the configuration of scenes and automatic functions for 2-channel devices such as the 1702SE and 1712DE. Note: Existing scenes and automatic functions will be lost during the update. The updated device software improves stability and functionality across the entire network.

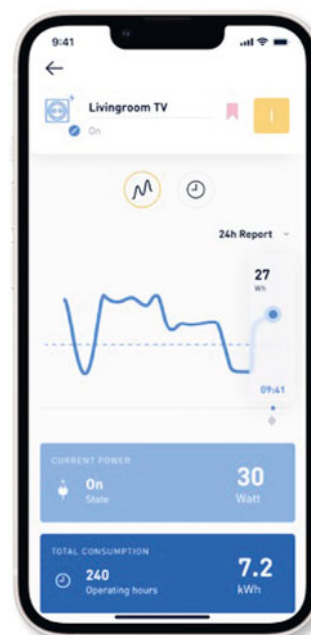
New member mode



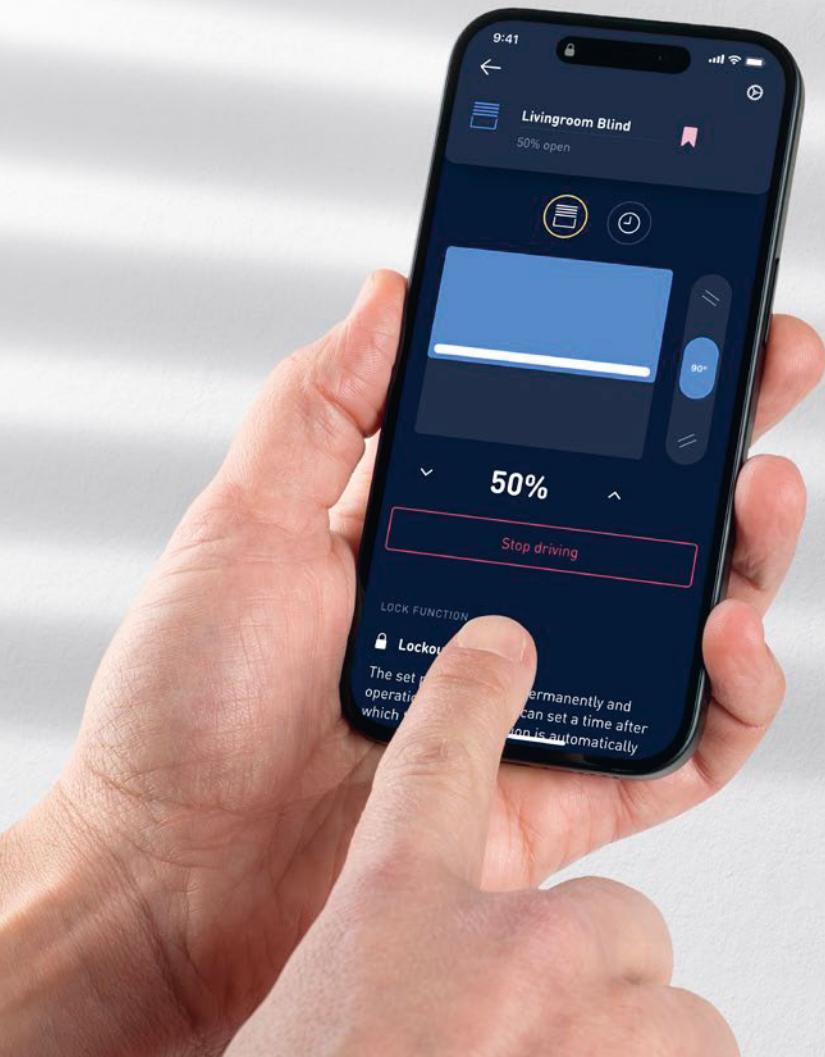
Settings



Favourites

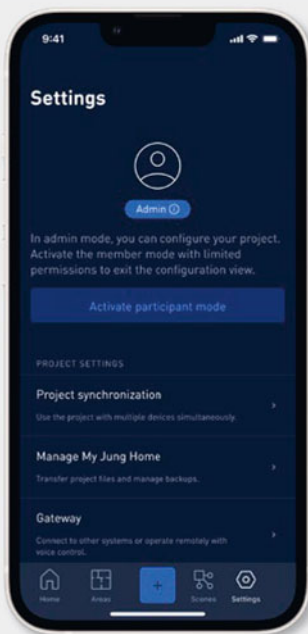


Energy Measuring

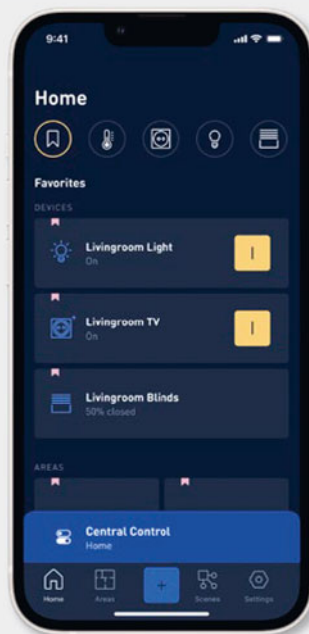


Push-button 2-gang in the LS 990 range in white

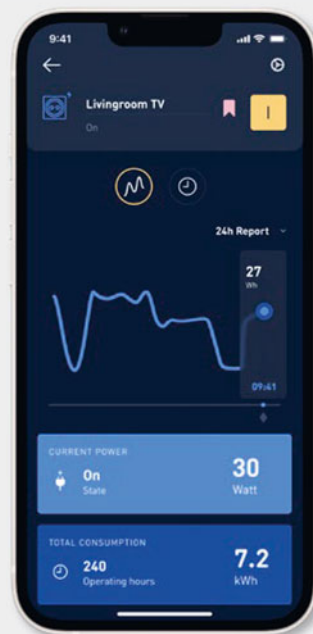
New admin mode



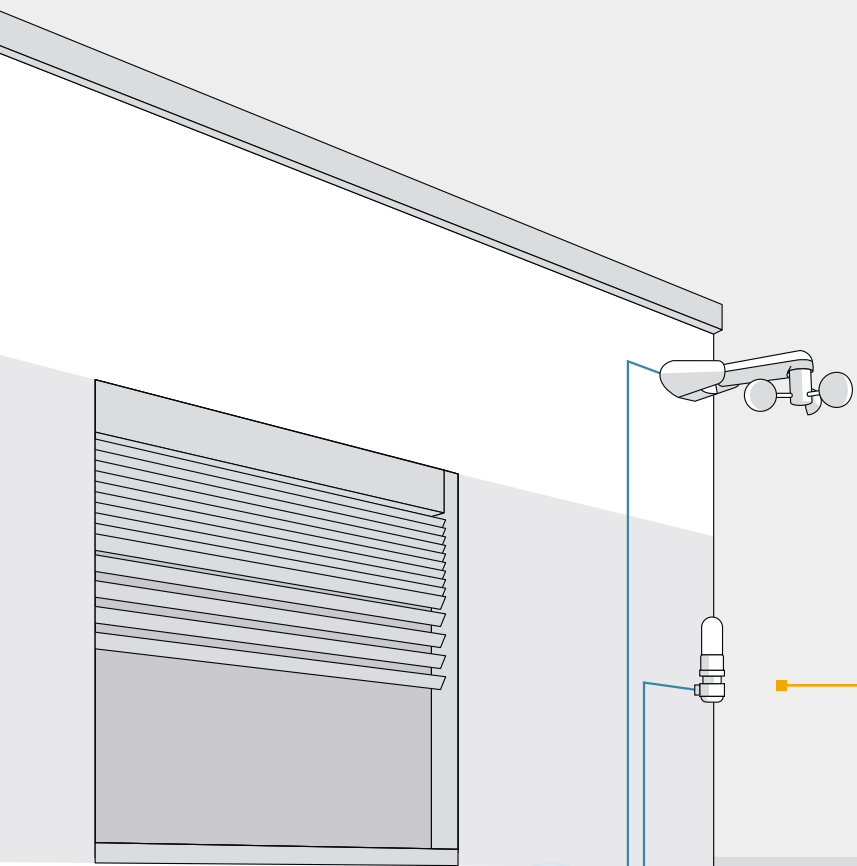
Settings



Favourites



Energy Measuring

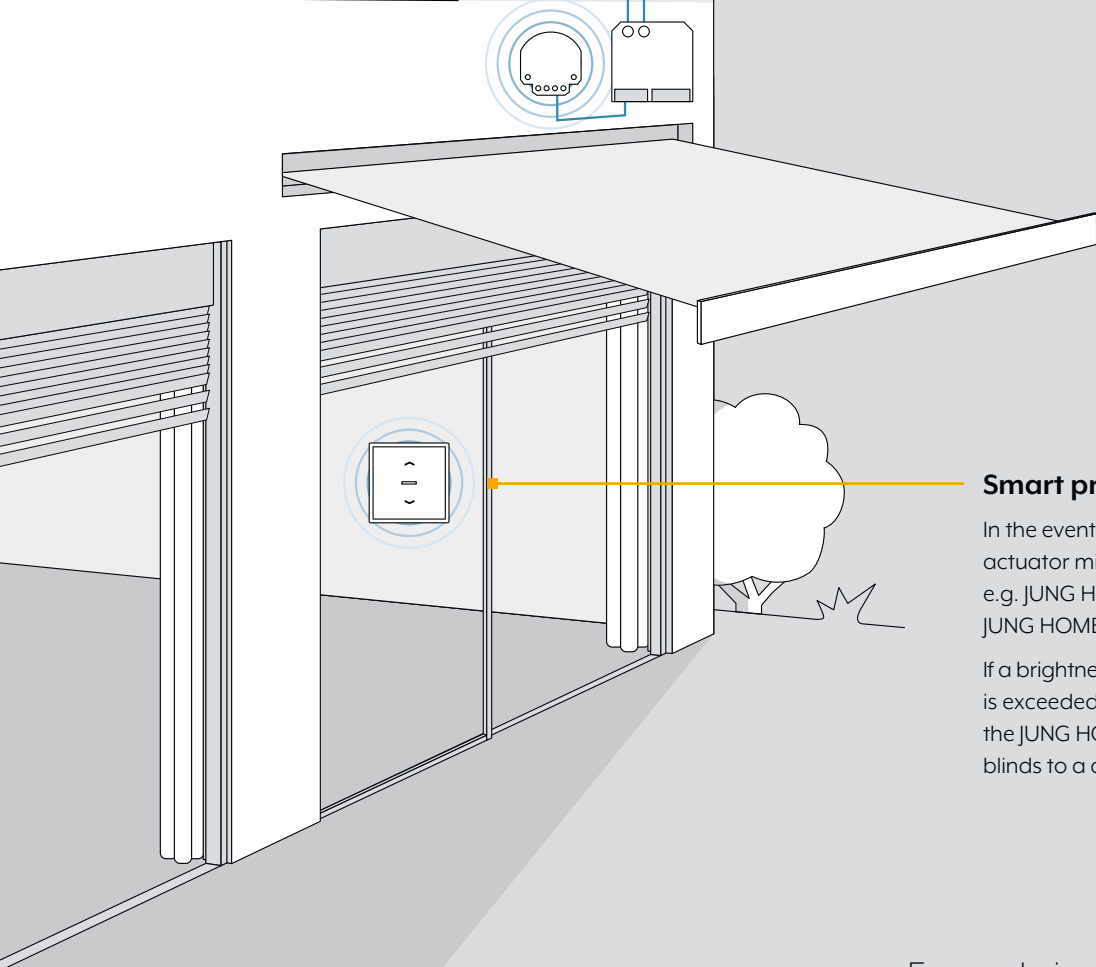


Wind sensor

The sensor is connected to the binary input of a JUNG HOME mini-actuator or a JUNG HOME Puck via the converter.

Sun sensor

The sun sensor is also connected to the binary inputs of the JUNG HOME mini-actuator or a JUNG HOME Puck via the converter.



Smart protection

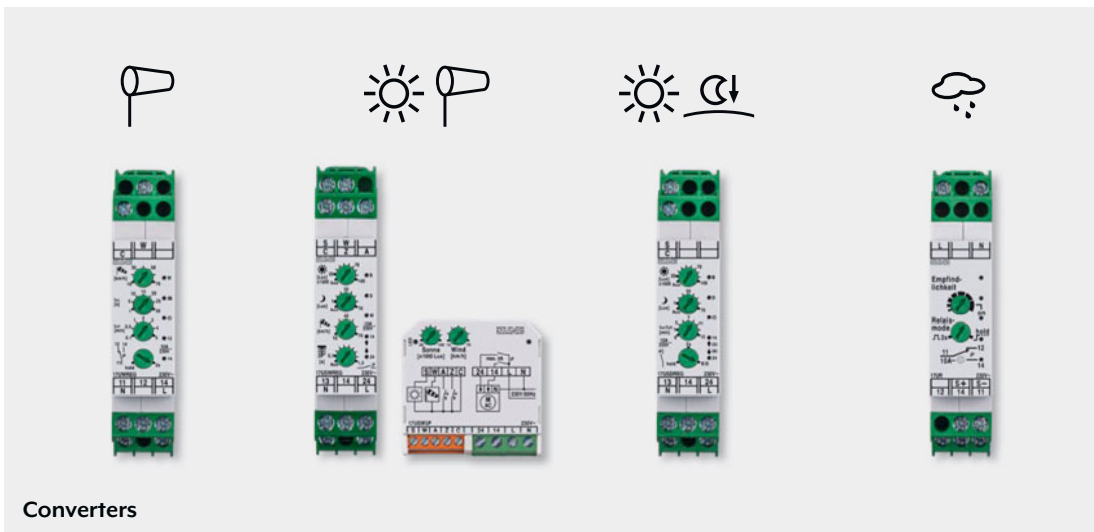
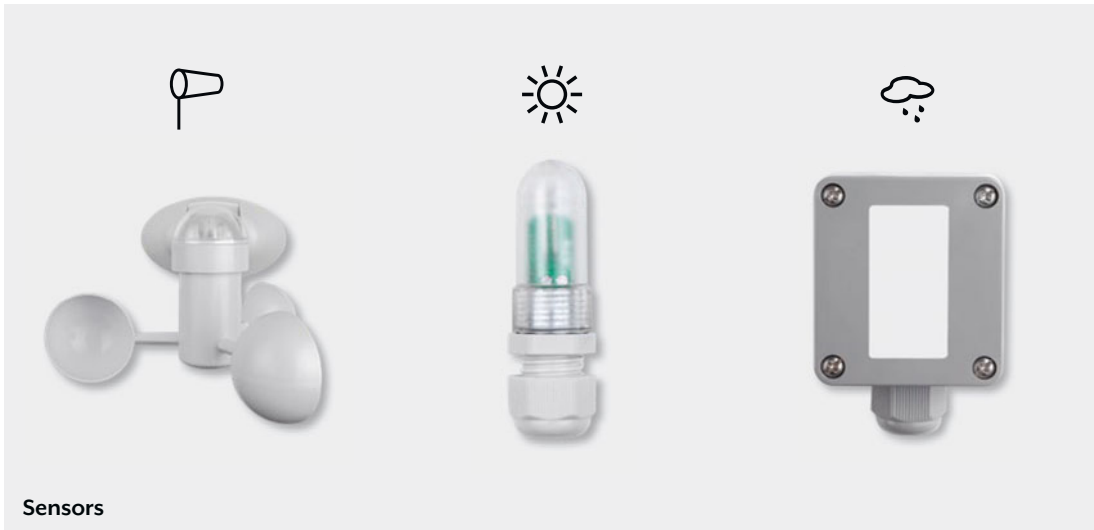
In the event of a wind alarm, the blinds actuator mini and other blinds actuators, e.g. JUNG HOME Pucks, installed in the JUNG HOME system, are disabled.

If a brightness level defined in the converter is exceeded, a scene can be triggered in the JUNG HOME system, which moves the blinds to a desired position.

Example installation of the weather station with JUNG HOME



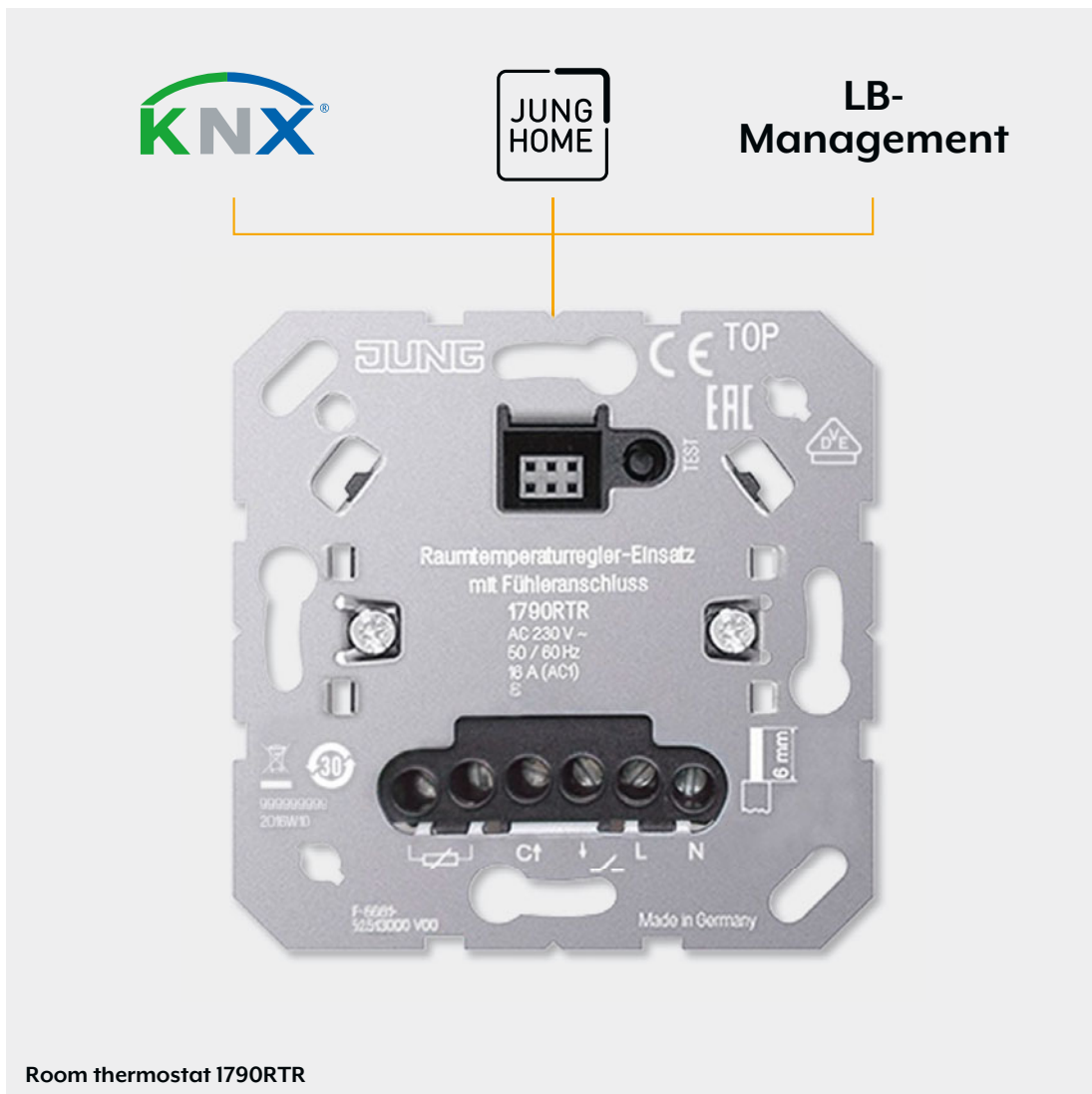
Equipped for any weather



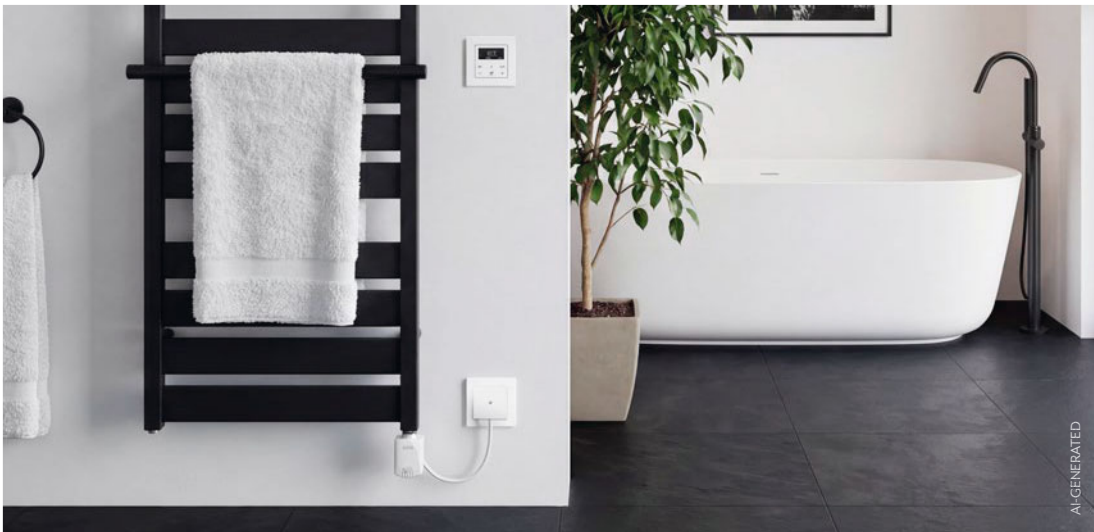
Wind, sun and rain sensors, together with the right converters, provide reliable and comprehensive weather protection for buildings. They can be installed individually or in combination in any conventional electrical installation to optimally respond to

changing weather conditions. In conjunction with a JUNG HOME blinds actuator mini with two binary inputs, comprehensive weather protection can also be implemented in a compact manner as a retrofit.

One thermostat – three systems



The room thermostat 1790RTR works in three system environments: in LB Management, in JUNG HOME and in KNX via RF push-buttons. The device controls electric underfloor heating and electronic valve drives precisely and reliably.



As of version V.03, the thermostat is also compatible with external temperature sensors of other manufacturers. This creates flexibility, as a wide range of sensors can be used. The new insert is compatible with the existing covers, so that functions are retained as

usual. Covers do not need to be replaced. This saves mounting and material costs. The room thermostat supports various 230 V external temperature sensors (10, 12, 15, 33 and 47 k Ω).

**Heating or cooling
with presence detection**

The thermostat uses a presence detector to regulate the temperature to the desired setting when someone is present. In combination with infrared heaters, this results in significant energy savings.



Room thermostat in the
LS 990 range in aluminium dark

© LOCATION: CASAGERAMICA, PHOTO: MICHAEL SANDMAIER



New room thermostat for modern heating systems

Electric and infrared heaters are becoming increasingly popular. With the new room thermostat for heating and cooling, JUNG offers precise and convenient control for these systems. The device has an internal temperature sensor, an input for activating cooling via a central control system, and a universal input for ECO temperature control via a central clock or temperature control when presence is detected by a presence detector.



Room thermostat RTR233

The new room thermostat controls valve drives as well as electric and infrared heaters, or electric or water-based underfloor heating systems with a switching current of up to 16 A. External control signals can be integrated via the universal input, for example from time switches, presence detectors or switches: This allows switching between eco and comfort mode or automatic adjustment to the desired temperature when someone is present.



Simple, cost-effective control for heating and cooling – ideal for water-based underfloor heating systems.



Heating or cooling when someone is present via presence detectors also saves energy.



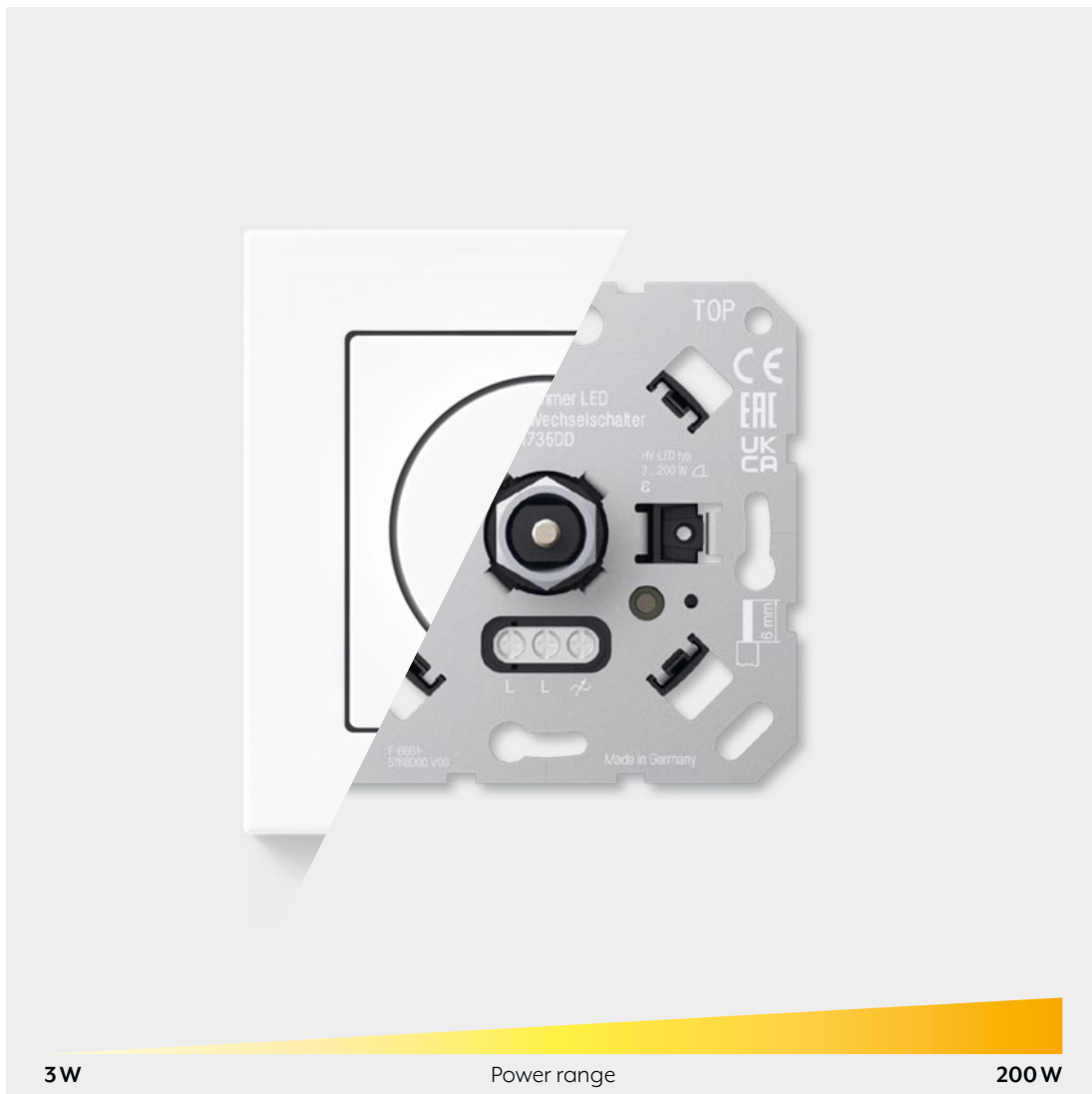
Automatic switching to ECO mode via external clock saves energy.



Familiar installation – wide variety of designs for the covers.

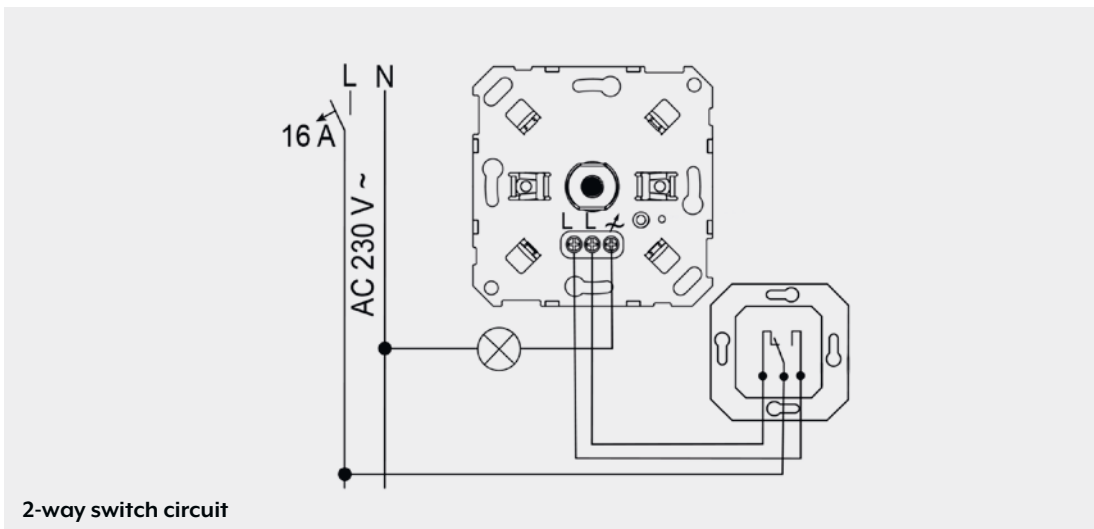
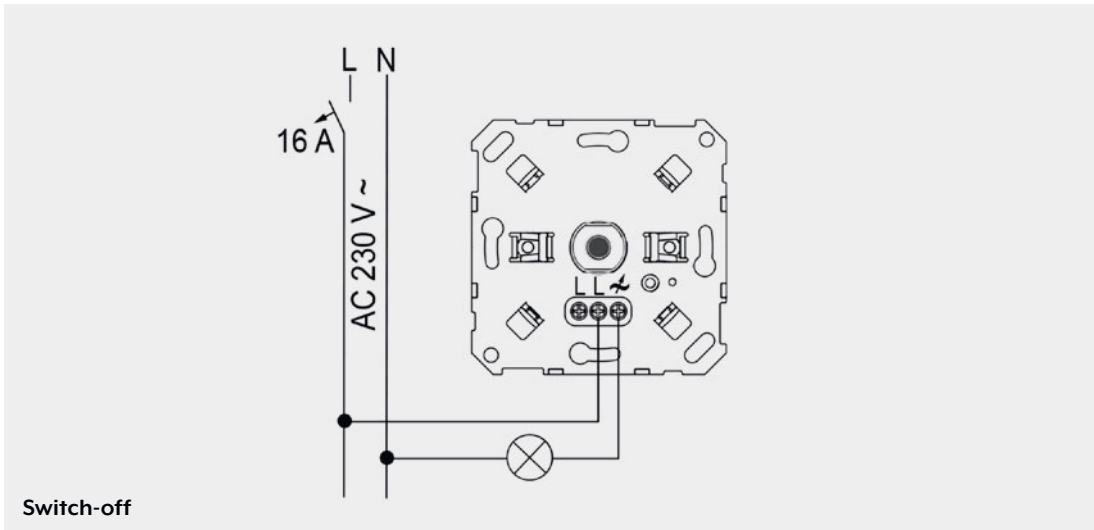


Standard rotary dimmer LED with 2-way push switch



With the new LED rotary dimmer, JUNG is expanding its range with an attractive basic solution for lighting control.

Connection diagrams



Standard dimmer „Made in Germany“

The compact dimmer combines proven technology with simple installation: it can be used in switch-off, 2-way switch or intermediate switch circuits and does not require a neutral conductor. The dimming method is fixed to trailing edge phase control and covers a power range from 3 to 200 watts.

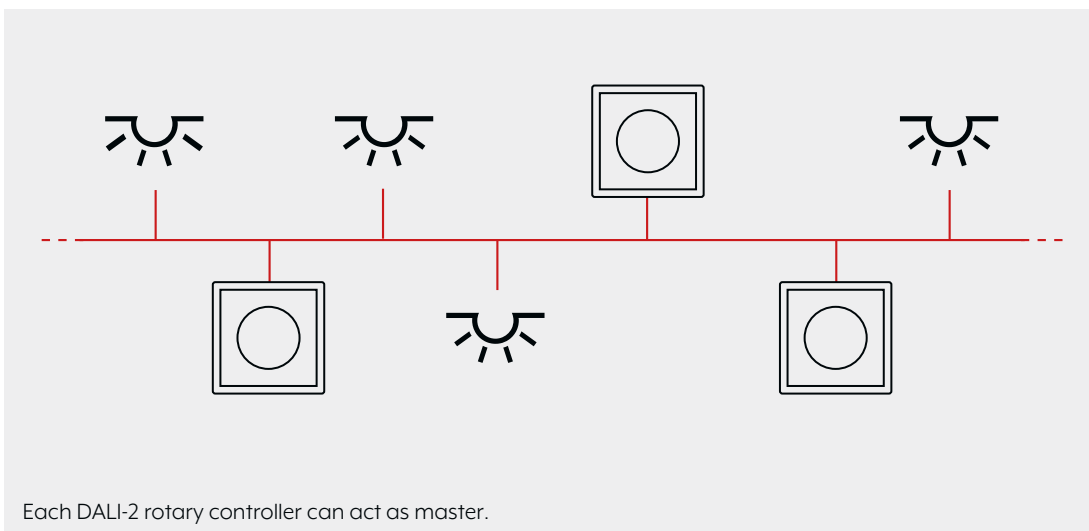
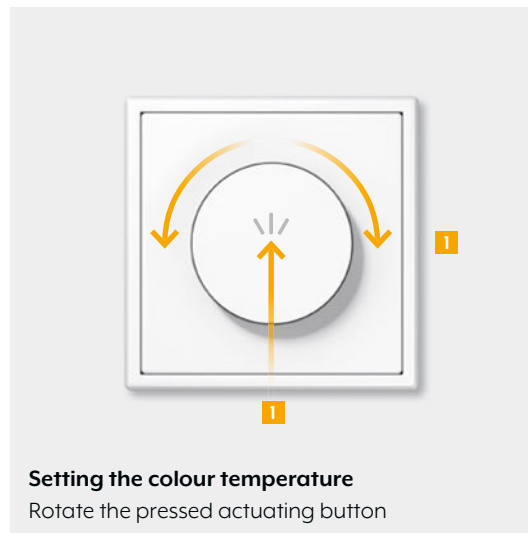
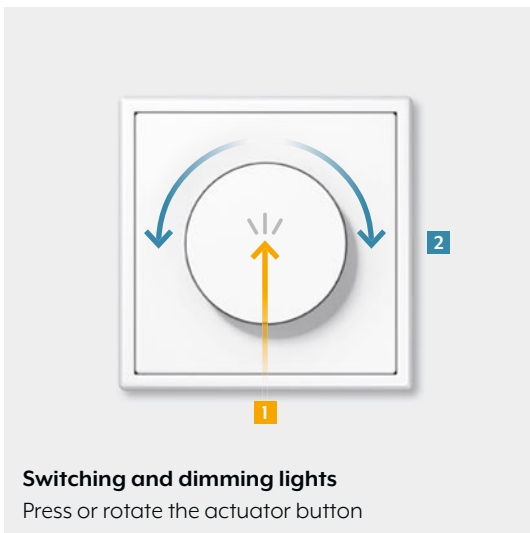
Convenience and protection functions:

- Lamp-saving soft start when switching on
- Adjustable and storable maximum and minimum brightness
- Electronic short-circuit protection
- Electronic overtemperature protection
- Claws available as accessory set



Rotary controller
in the LS 990 range in
Les Couleurs® Le Corbusier®
32080 orange

DALI-2 rotary controllers TW multi-master



The multi-master-capable DALI-2 rotary controllers from JUNG enable the implementation of complex systems with multiple control stations. They can be configured and combined with DALI sensors and support group controls in the DALI system. In addition, the multi-master device can also be used in KNX

installations with the KNX DALI gateway as a control unit. The rotary controller can be used to adjust the colour temperature from 2,000 to 10,000 Kelvin (depending on the colour temperature range of the lamp). Operation is performed intuitively by pressing and rotating.

Magnetic Charger in switch design



Wireless smartphone charging – now available directly in the LS and A switch ranges. The Magnetic Charger units fit perfectly into the frames, just like socket and switch inserts, and efficiently supply compatible devices (according to Qi2 standard) with power. This creates a tidy, modern interior without visible cables – ideal for living spaces, hotels and offices.

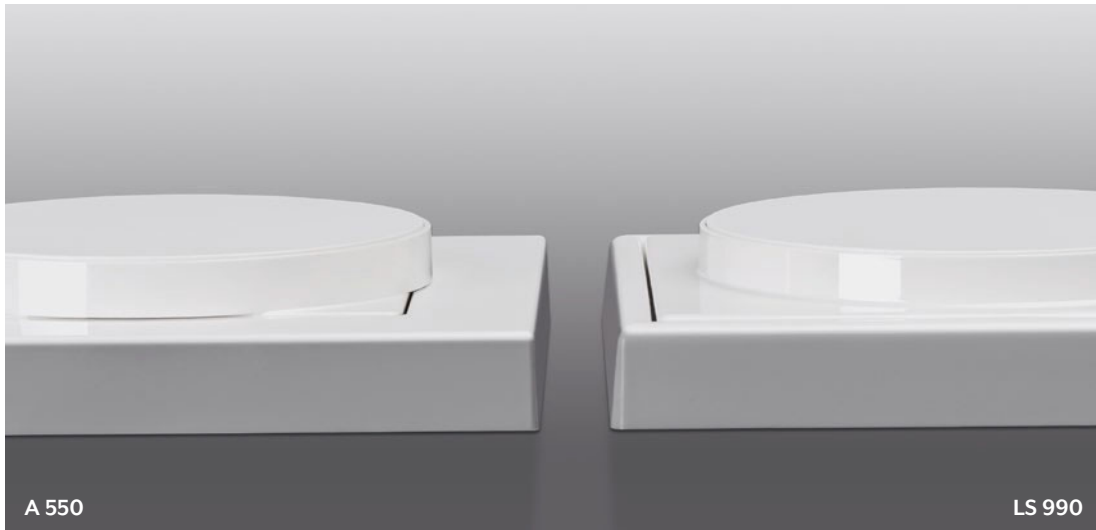


Magnetic Charger ■

© LOCATION: COR, PHOTO: MICHAEL SANDMAIER

Magnetic Charger in the LS 990 range in classic brass

Harmoniously integrated into A and LS ranges

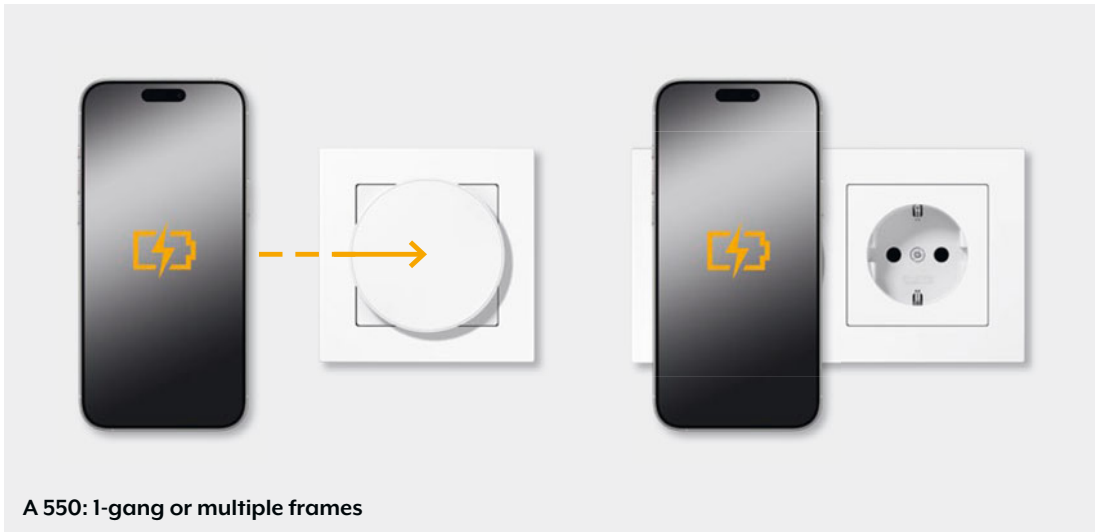


Form and function in harmony: the new Magnetic Charger fits seamlessly into the JUNG LS and A range and adopts their clear aesthetic, based on the characteristic design language of JUNG. Colours and proportions are perfectly coordinated, facilitating

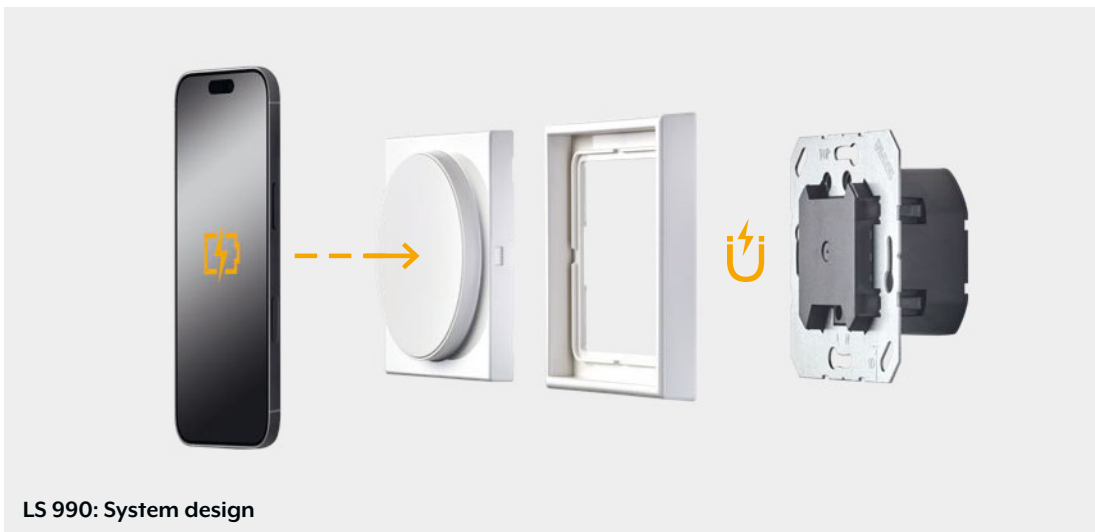
a consistent design. The charger can be combined in multiple frames from 1 to 5 units, offering many options for individual configurations. The Magnetic Charger is recommended for horizontal combinations so that a placed smartphone cannot cover other controls – this ensures that the clean lines are always maintained. For additional design flexibility, the charger can be personalised using the JUNG GRAPHIC TOOL, for example with lettering or individual symbols.



The JUNG GRAPHIC TOOL allows customising the Magnetic Chargers with symbols, text or logos. For more, see jung.group/gt



A 550: 1-gang or multiple frames



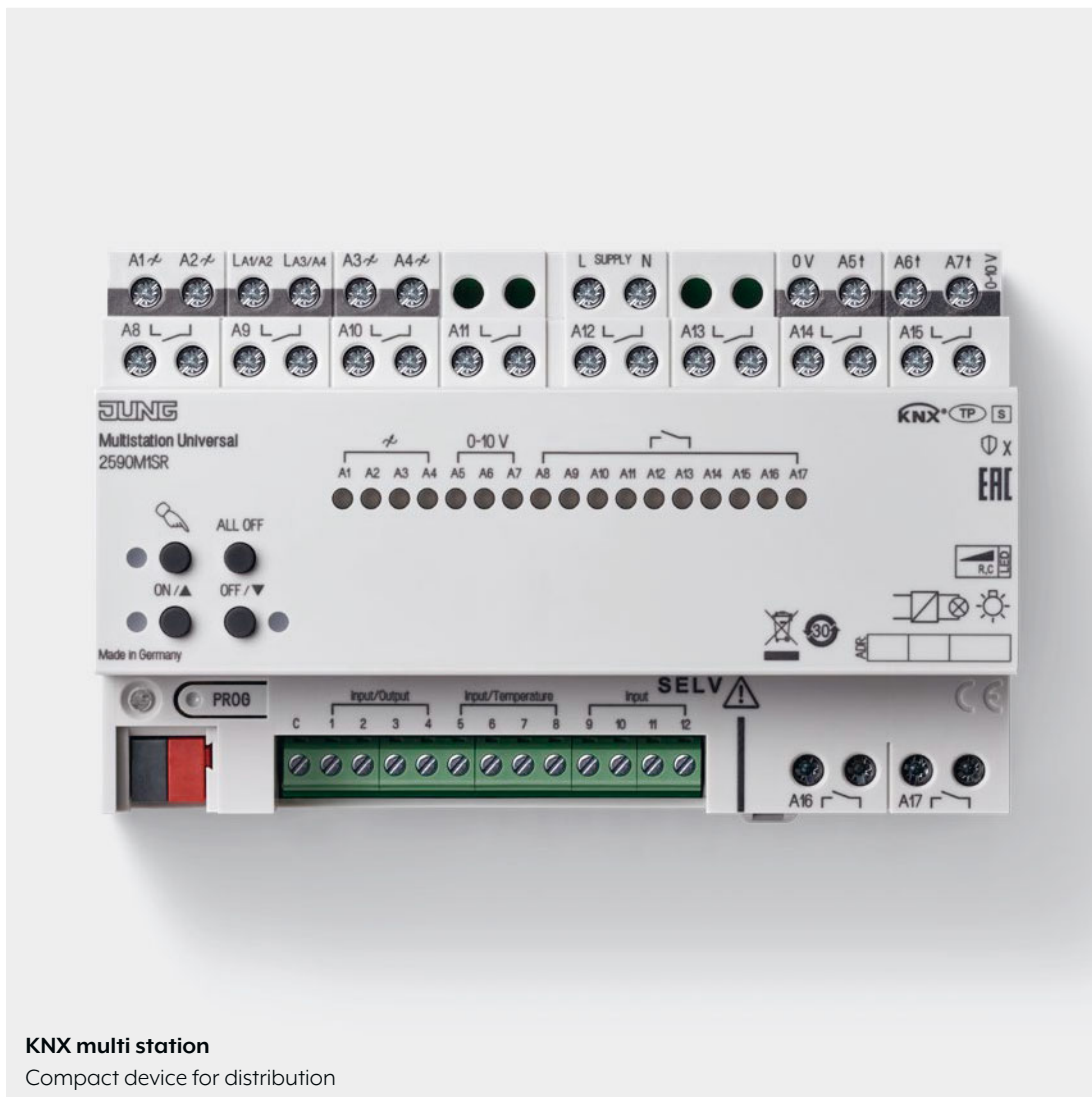
LS 990: System design

Qi2 Standard
 The Magnetic Charger from JUNG is compatible with the Qi2 standard. It ensures safe, efficient and manufacturer-independent energy transmission. The defined alignment of charger and smartphone ensures optimal energy transfer and reduces charging losses.

Magnetic holding force
 Integrated magnets position the smartphone precisely and ensure stable holding force. The device remains securely in place even in the event of vibrations or door movements. At the same time, the smartphone can be easily removed at any time – a balanced combination of support and comfort.

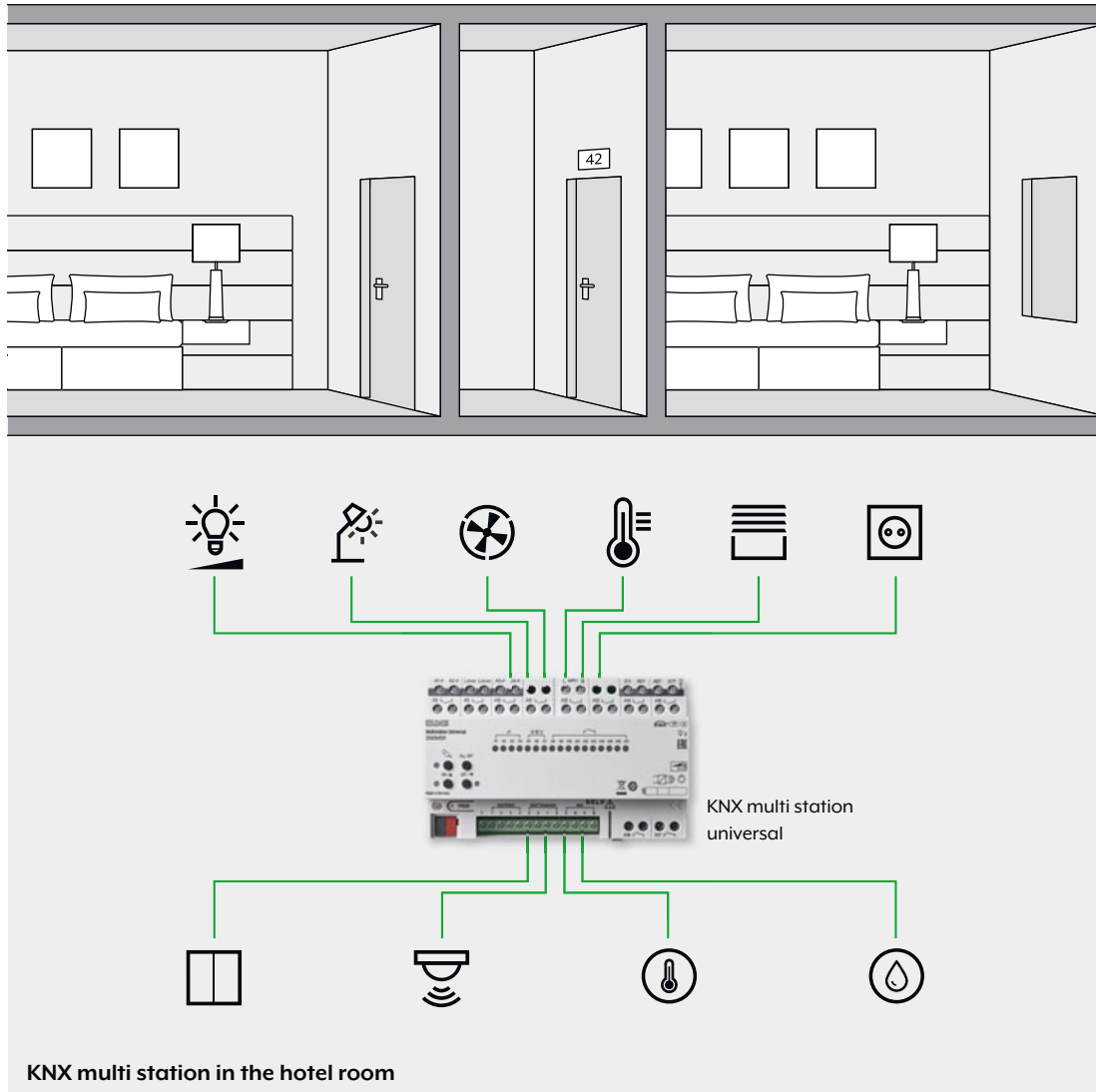
15 W Charging capacity up to 15 W
 With a charging capacity of up to 15 W the Magnetic Charger enables fast and reliable charging. The smartphone is efficiently supplied with energy – with or without a protective case, provided that it complies with the Qi2 or MagSafe standard. Ideal for daily use directly on the wall.

KNX multi station – saves space and effort



The compact KNX multi stations combine the functional scope of several individual devices in a single, space-saving housing. The multi station universal provides a total of 17 outputs over a width of only 8 rail units: four dimming outputs, ten relay outputs and three analogue outputs (0–10 V). The binary and analogue inputs enable the connection of conventional push-buttons, presence detectors, temperature sensors, leakage or condensation sensors, or external systems.

Application example: Hotel room



With the KNX multi station universals (8 rail units / 17 outputs) and standard (4 rail units / 8 outputs), JUNG expands its KNX portfolio by two compact solutions that combine the functional scope of several single actuators in one device. The simplified wiring reduces the assembly effort and ensures efficient installation.

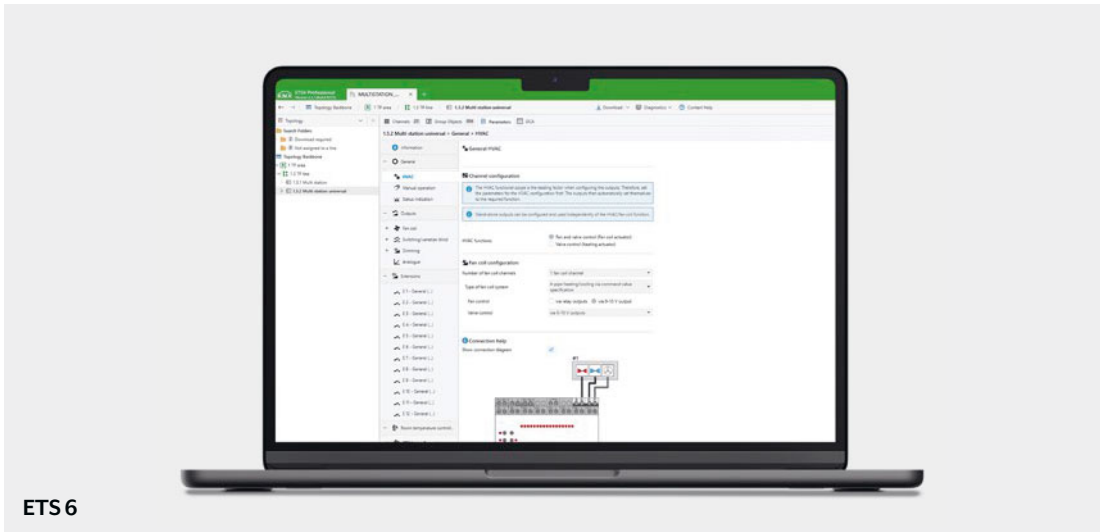
Both models combine switching, dimming, shading and HVAC functions – ideal for cost-effective project design, for example in the hotel industry. There, a single device can control the entire room – with minimum space requirements in the control cabinet, lower costs per room and simplified maintenance.

KNX multi station – more cost-efficient

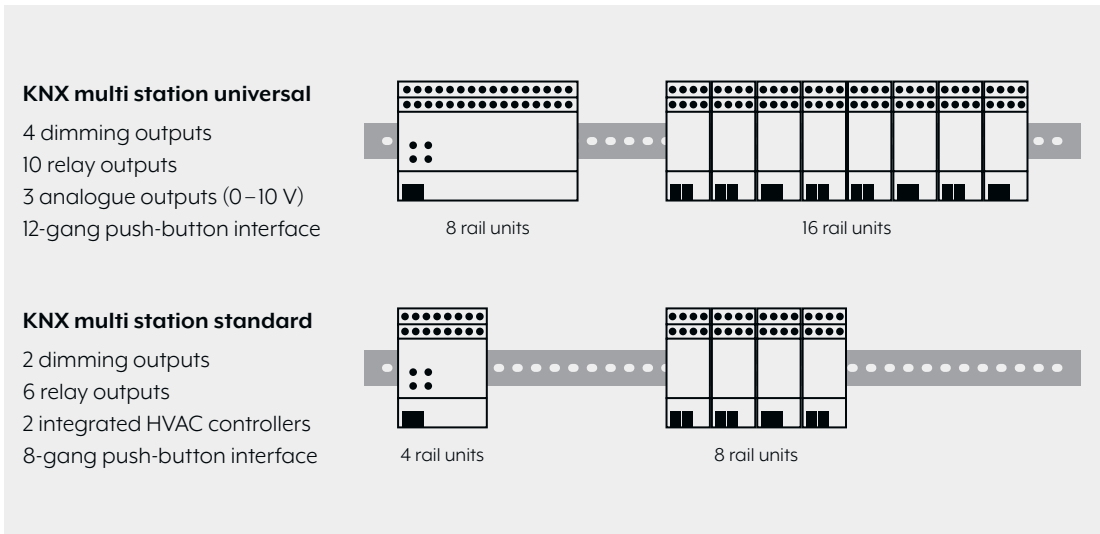


KNX multi station
Compact device for the distribution

The multi station standard is 4 rail units wide and has eight outputs. Two dimming outputs and six relay outputs enable flexible control of lighting, shading or valve drives.



ETS 6



The KNX multi stations provide planners and integrators with additional flexibility. Instead of placing several single actuators in the control cabinet, a single device is often sufficient. This reduces the number of components, simplifies wiring and minimises potential error sources. The combination of ETS

parameterisation and manual operation on site facilitates testing, servicing and maintenance. Thanks to the support of KNX Secure, the multi stations are also prepared for the increasing IT security requirements in building automation technology.

Matt black



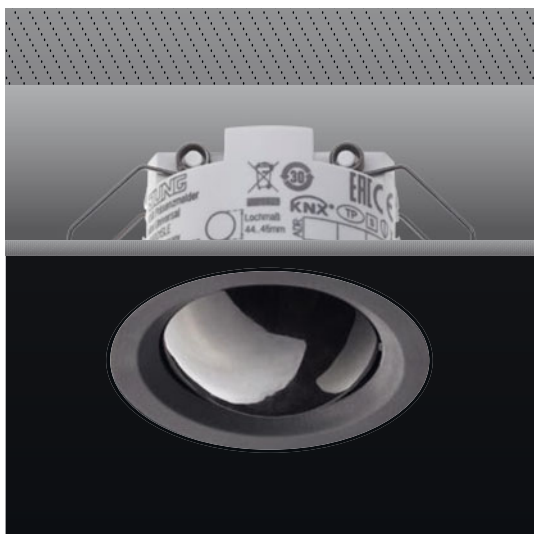
53.5 mm

Matt white

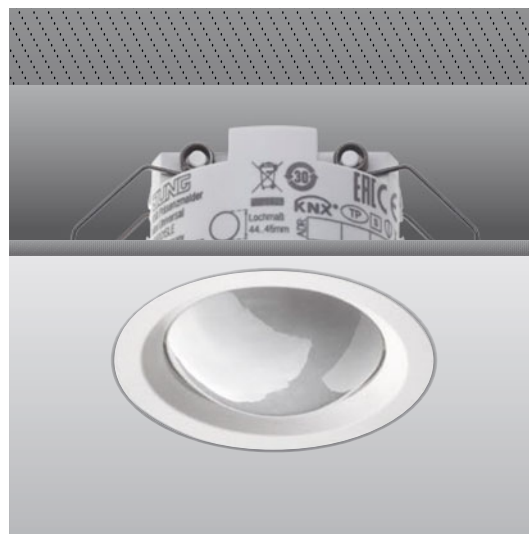
KNX presence detector mini – high functional density in the most compact space



The latest generation of the small KNX presence detectors impresses with its wide range of functions and precision. JUNG has improved the flush-mounted devices in all respects. The detectors are available in two technical and two optical variants: Standard and Universal, each in black with a dark lens or in white with a light lens. In terms of design, they remain compact with unchanged installation dimensions, so existing models can be easily replaced.

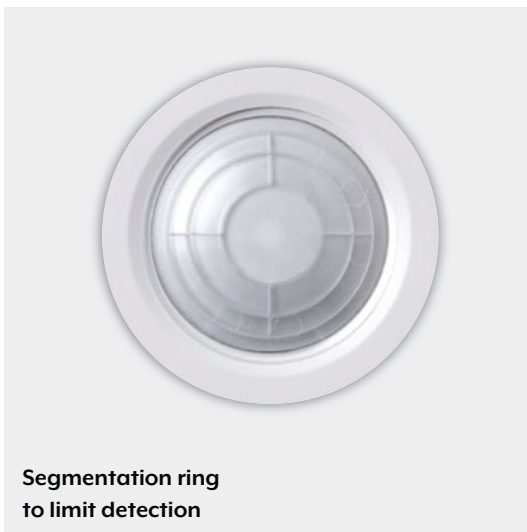
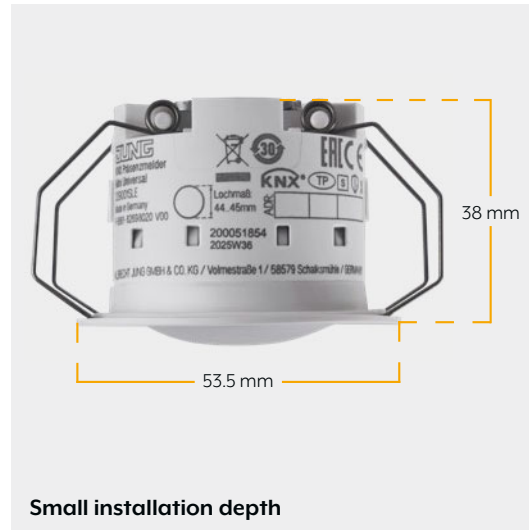
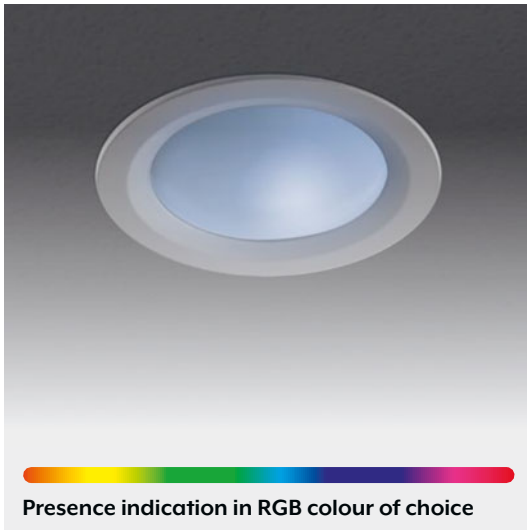


The standard presence detector is equipped with a passive infra-red sensor and is ideal for use in small rooms, for example in toilet cubicles. The universal presence detector has three passive infra-red sensors,



the sensitivity of which can be adjusted individually. This provides great flexibility in the differentiated detection of different areas of a room.

KNX presence detector mini



Presence detector mini	Standard	Universal
Passive infra-red sensors	1	3
Temperature measurement	Yes	Yes
Moisture measurement	No	Yes
RGB LED	No	Yes
Blue LED (walking test)	Yes	Yes
Orientation LED	No	Yes
Function blocks	3	5
Light control	No	Yes

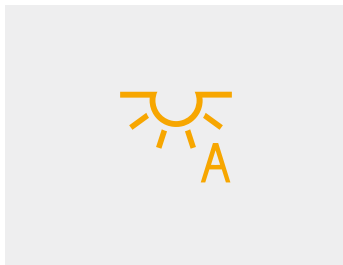
Function overview

Presence detector mini universal

- The RGB LED acts as an electronic door signal. When activated, the entire surface of the lens lights up in colour. The colour can be individually selected. Brightness can be adjusted on ten levels.
- When presence is detected, the orientation LED illuminates the entire surface of the lens with a

- permanently set cool white light. Brightness can be adjusted on ten levels
- The blue LED for the so-called walking test or for simulation in FB monitoring is used for diagnosis and visually confirms the detected movements.

Faster configuration through predefined function blocks in the ETS



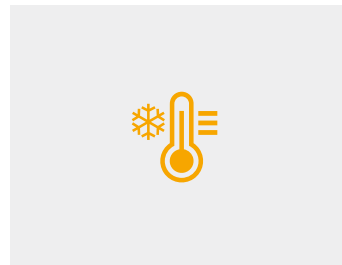
Function block Motion detector

Ideal for use in corridors: the light switches on when people walk through the corridor and switches off again.



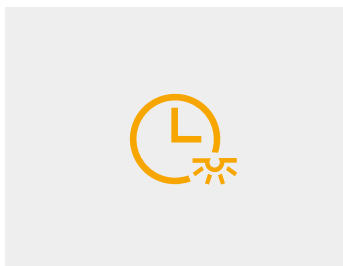
Function block Presence detector

For use in offices, for example: Light switches to office brightness when people are present.



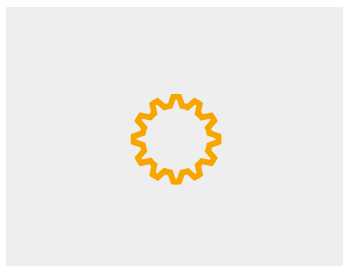
Function block HVAC

Only switches the heating on when someone is in the room. In air conditioning systems, the detector measures the dew point to protect the building structure from condensation.



Function block Monitoring

The detector analyses movements over a fixed time window and only switches after a defined number of movements. This means that the light remains switched off if, for example, only the house cat walks past.



Function block Universal

Nothing is pre-configured in this block; all functions can be individually configured here.

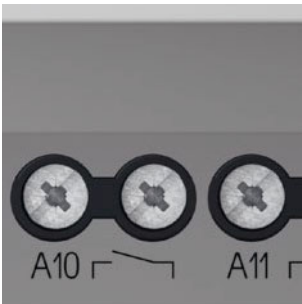
Many functions in the smallest space

The presence detectors mini are preconfigured with four function blocks. A fifth function block enables all parameters to be set. Up to five function blocks can be used per presence detector in the universal version. With the standard version it is up to three.

The universal presence detector mini is also equipped with a logic module, which means that simple "and/or" combinations of different applications are also possible. Of course, the new detectors are KNX Data Secure.



Switch actuator with real 16 A



Easy installation



Die Xpress-Konfiguration vereinfacht die Projektierung des gesamten Ausgänger-Systems und ermöglicht es, verschiedene Parameter schnell und optimal anzupassen - optimal angepasst an spezifische Anwendung.

Die Konfiguration "Individual" bietet ohne Einschränkungen Funktionen des Daten-Management-Systems zur individuellen Anpassung und Optimierung der Schaltanforderungen.

Versionen	Berechnung	Indikator	Erfahren	Schalten
A1_24				
A1				
A2				
A3				
A4				
A5				
A6				
A7				

XPress configuration



Direct operation

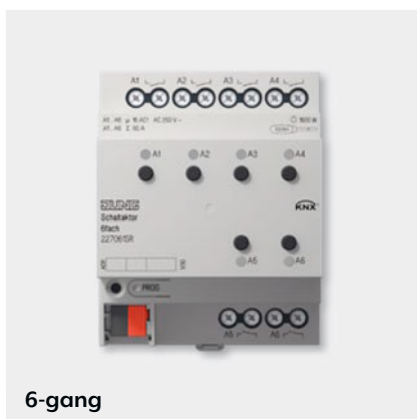


16A

New KNX switch actuators with 16 A acc. to DIN EN 60669



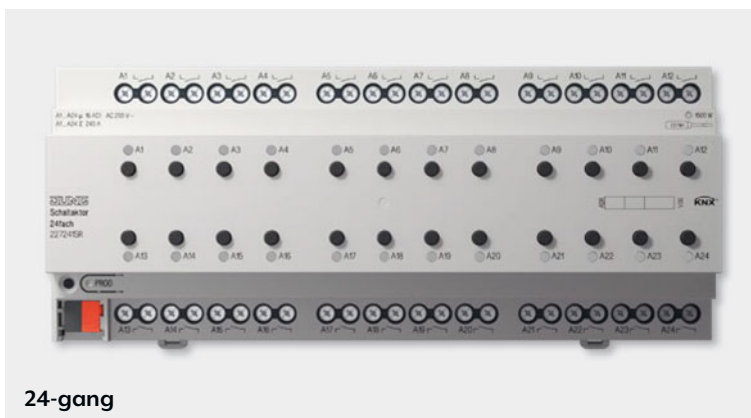
JUNG upgrades the system portfolio with the new KNX switch actuators. The standardisation of housings and terminals makes installation clearer and simplifies project design.



6-gang



16-gang



24-gang

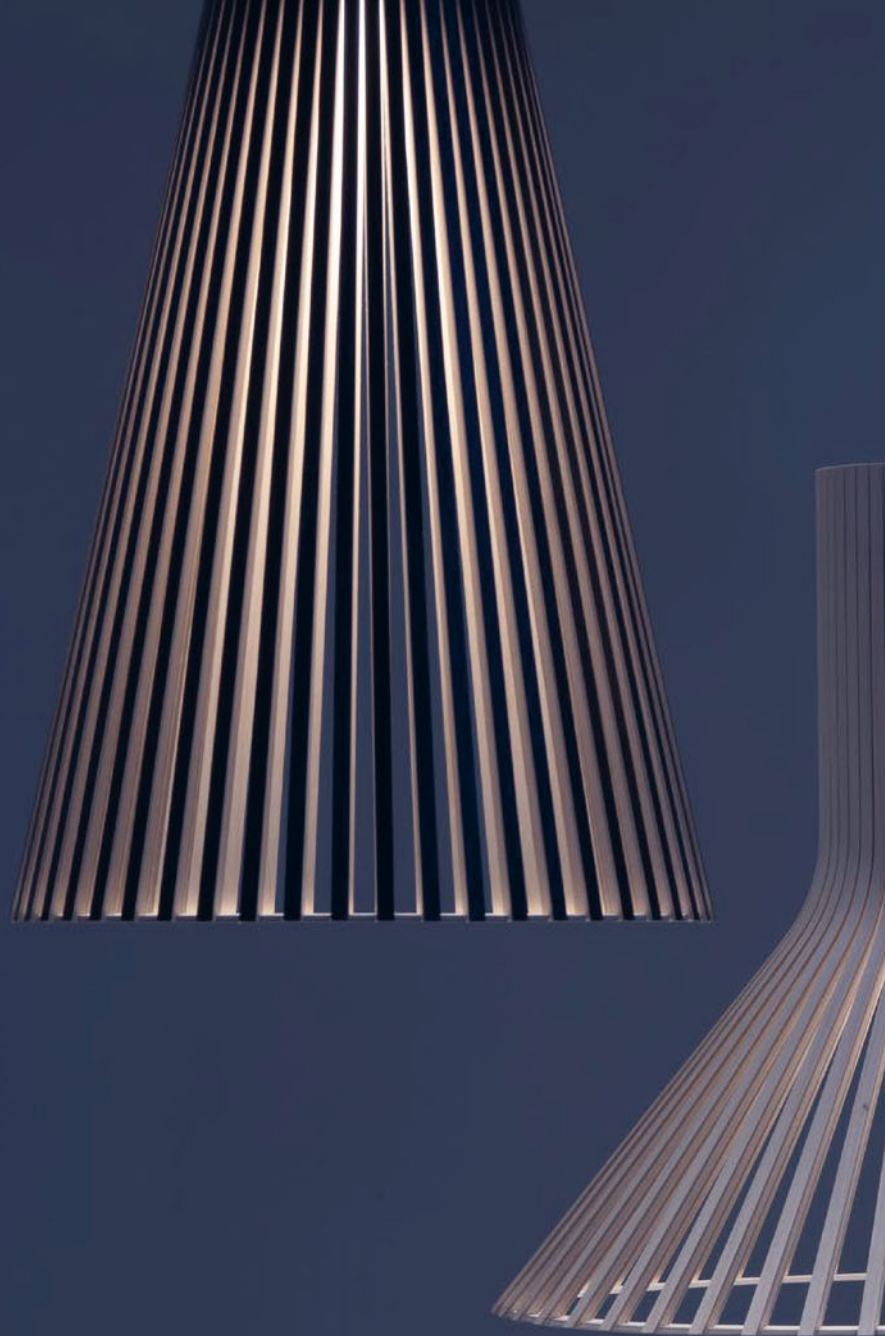


2-gang

The actuators are available in versions with 2, 6, 16 and 24 channels. All models offer a switching capacity of 16 amps and therefore fulfil the requirements of the current DIN EN 60669 standard. The devices have the new XPress configuration in the parameterisation. Instead of processing each channel individually, the parameters are automatically set according to the

selected function. Settings that are not required are hidden. This reduces complexity and enables significantly faster parameterisation.

Of course, all actuators are KNX Secure-capable and therefore prepared for use in security-relevant KNX installations.



With the function update 2.0, JUNG is consistently continuing the development of the LS TOUCH: New dimming and shading options, extended scene and value transmitter functions as well as additional comfort parameters.

KNX LS TOUCH with new functions



RGB with separate brightness

Colour and saturation come via a 3-byte telegram, brightness separately – ideal for DALI colour light with the KNX DALI-2 gateway colour.



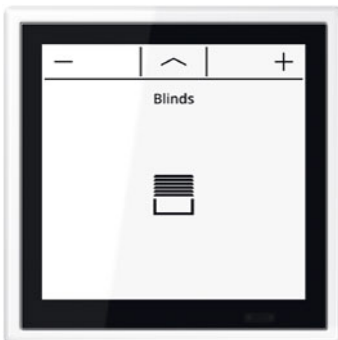
Precise HSV dimming

New object type for precise colour control: Colour information is retained even at 0% saturation. Supported by KNX LED controller.



Optimised RGBW dimming

Control logic for RGBW LEDs: lower saturation dims colour down and white LEDs up – ideal for homogeneous light sequences.



Shading without positioning

The channel function can be used even without position indication. Control is only via short and long commands.



Saving scenes directly

LS TOUCH can not only call up scenes, but also save them directly – via a dedicated control panel on the details page.



Adjusting values more quickly

Values can be changed directly on the favourites level. Increments are defined in ETS and reset automatically.



Separate protection temperatures

Frost and heat protection can be defined independently of the setpoint temperatures.



Flexible temperature increments

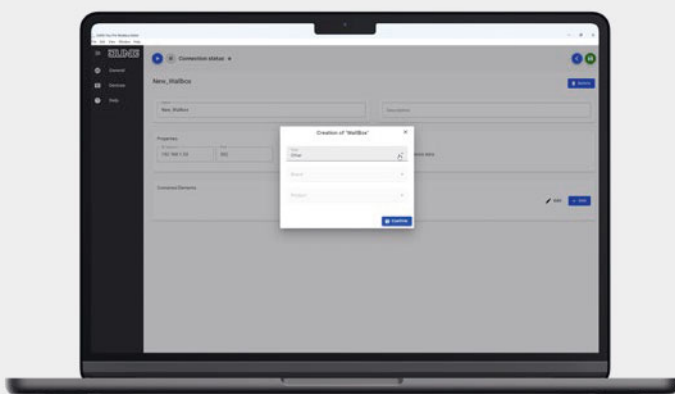
The step width at the favourites level can be freely selected between 0.1 K and 2 K in the ETS.



New language options

Korean and Chinese are now available for all system texts.

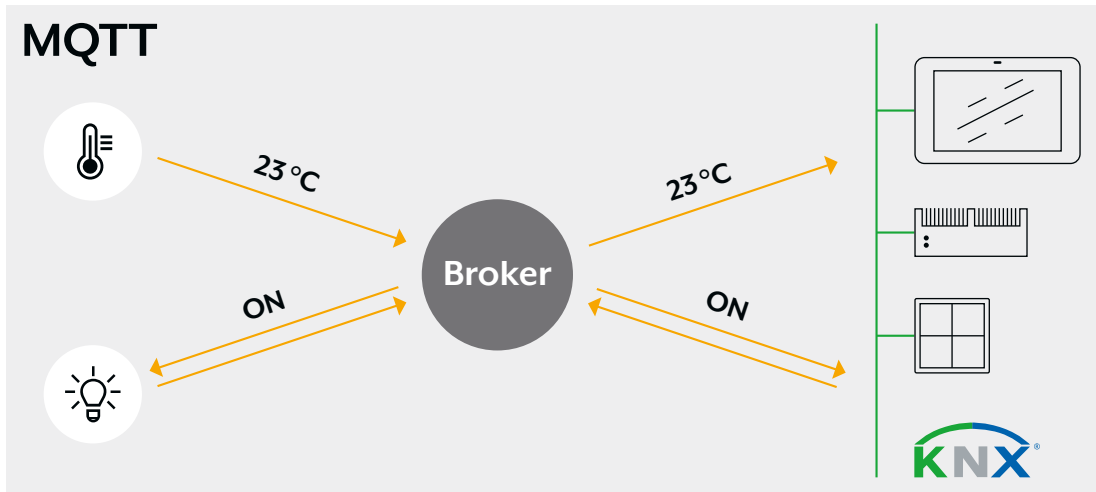
Visu Pro Server – Integration of external systems



Integration via Modbus TCP

The JUNG Visu Pro Server enables the integration of external systems via Modbus TCP. This allows energy data from devices such as wall boxes, energy meters or heat pumps to be conveniently retrieved and controlled. The server acts as a central interface between KNX and Modbus and enables uniform visualisation, evaluation and automation of all data points. In this way, energy flows can be visualised transparently, operating states monitored and intelligent control strategies implemented.

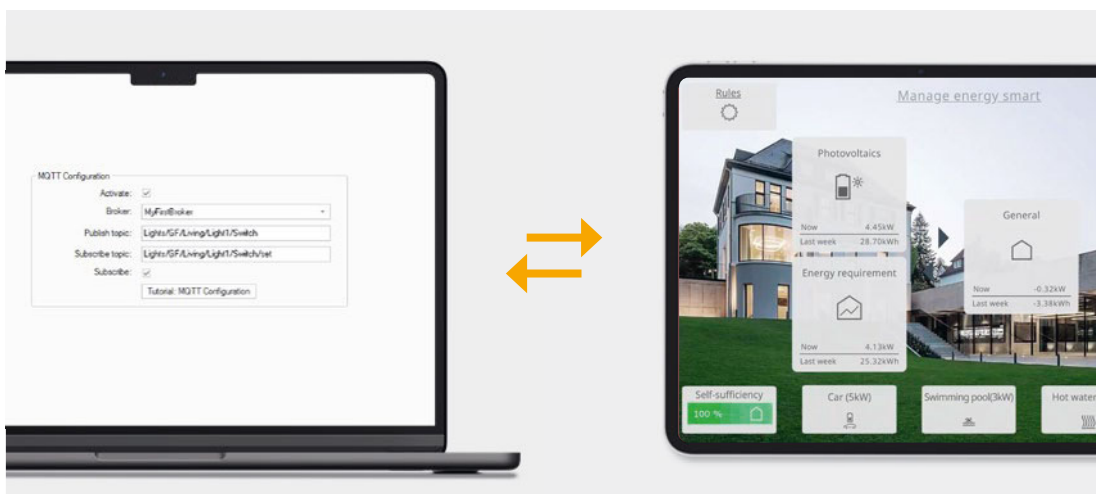
Integration via the MQTT interface



External systems and cloud services can be easily integrated via the MQTT interface of the JUNG Visu Pro Server. The protocol enables efficient communication between KNX and IoT applications and is ideal for connecting camera systems, energy measurement

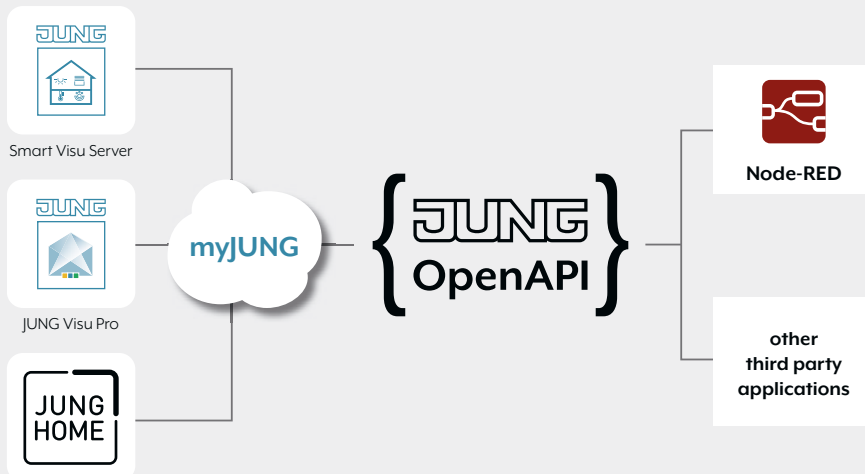
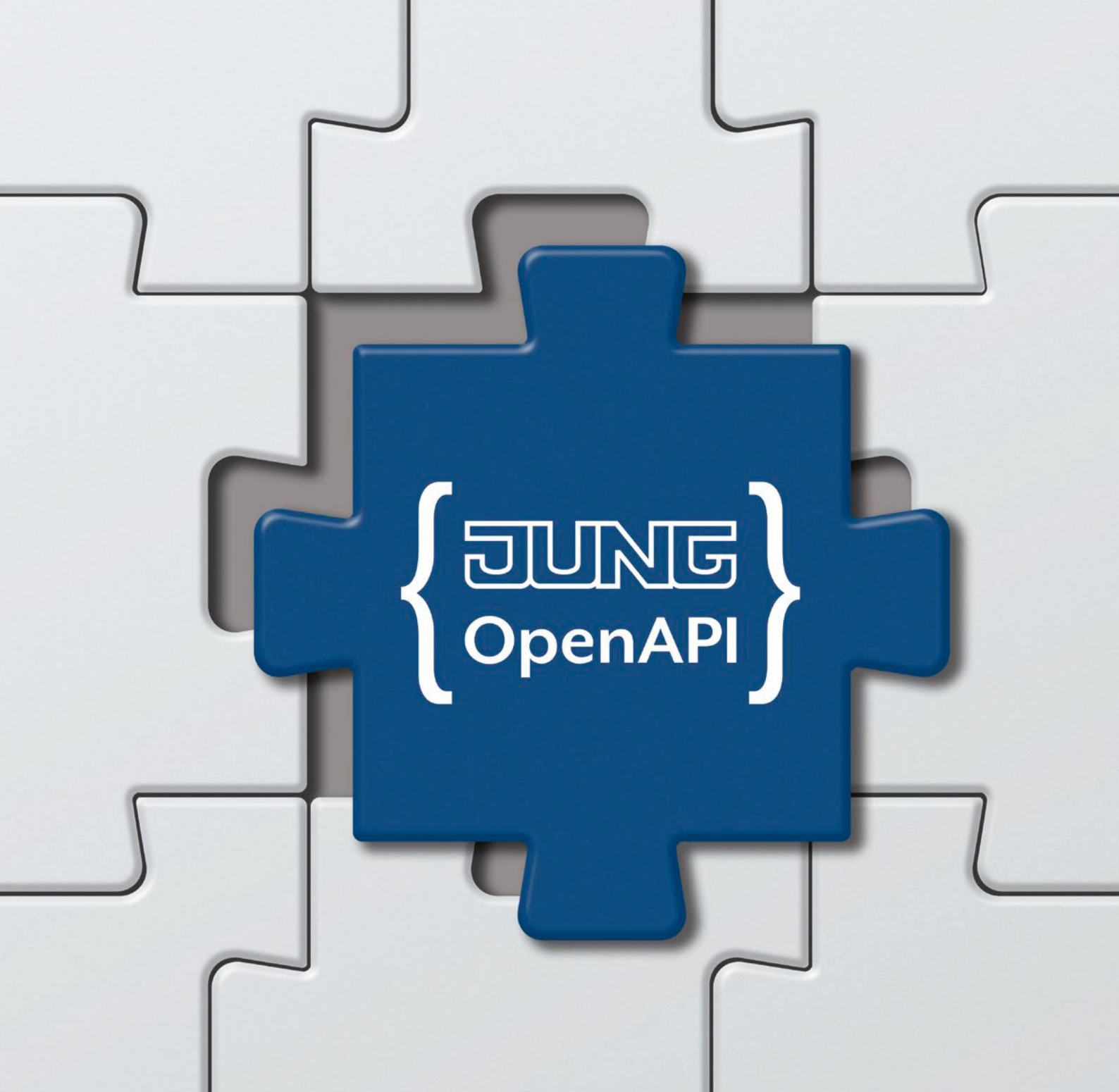
systems, access solutions or cloud platforms. Data points can be both sent and received – for the seamless integration and automation of a wide variety of systems within a standardised building control.

Visualisation via the JUNG Visu Pro Server



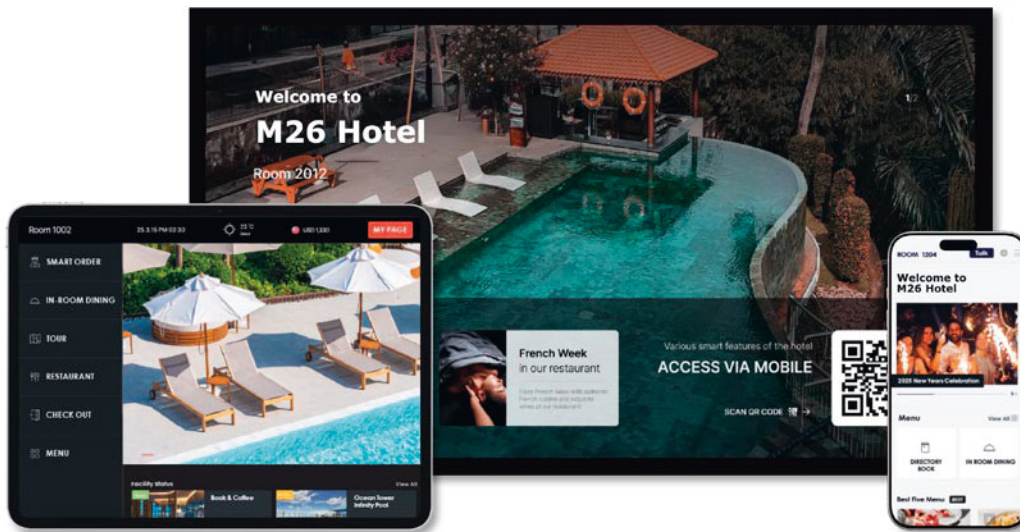
The integrated visualisation of the JUNG Visu Pro Server enables central operation. Status indications, measured values and control commands are brought

together in a clearly structured user interface – intuitive to use and customisable to the respective project.



Accessing OpenAPI – JUNG solutions across systems

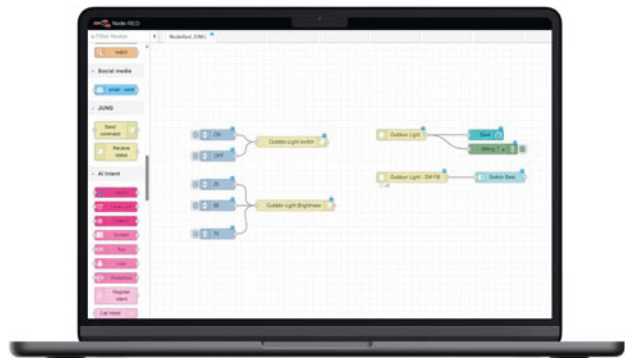
Third-party systems such as building control, cloud services and visualisations can be easily integrated into JUNG systems via OpenAPI interfaces.



The JUNG OpenAPI opens up new possibilities for standardised, cross-system development. For developers, it means a significant simplification and increase in efficiency: instead of having to programme separate applications for JUNG HOME Smart Visu

Server and Visu Pro Server, the OpenAPI enables a unique development that can be seamlessly integrated into all four platforms. This reduces effort and complexity and ensures consistent functions across different systems.

JUNG offers the connection to Node-RED for simple implementation. Online services, other APIs and devices can be centrally networked via this platform. This allows integrators to realise individual project requirements quickly and flexibly. Even technically experienced end users benefit from this openness and can expand the JUNG building control with additional services and devices. The result: more functionality, more flexibility and future-proof networking.



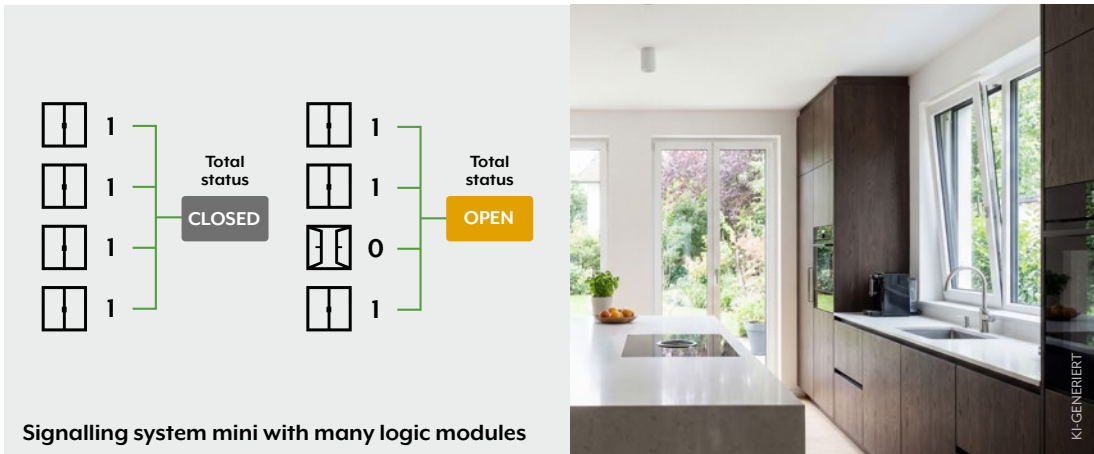
New logic module for the Smart Visu Server



Smart Visu Server with visualisation of the logic editor

The Smart Visu Server is getting an important extension: a graphical logic editor in a separate tab makes it much easier to set up automations. Instead of complex programming, logic modules can be assigned directly in the user interface using drag-and-drop. This saves time and opens up new possibilities. Thanks to the intuitive interface, new functions can be quickly realised via logic modules and existing processes can be expanded in a flexible manner.

Application example: signalling system mini

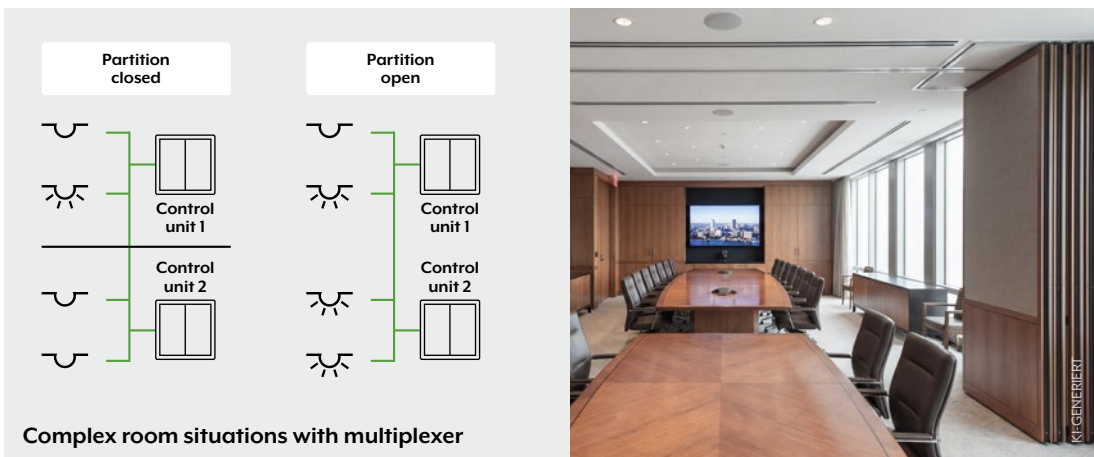


Signalling system mini with many logic modules

When arming, the system checks whether all windows are closed. The door may be open, but must be closed within a certain time – otherwise the process will be aborted. When armed, an open window immediately triggers an alarm. If the door is opened,

a short delay starts first, during which the door can be disarmed. Only then is the alarm activated. These processes demonstrate how easily complex functions can be implemented using the graphical editor.

Application example: complex room situations



Complex room situations with multiplexer

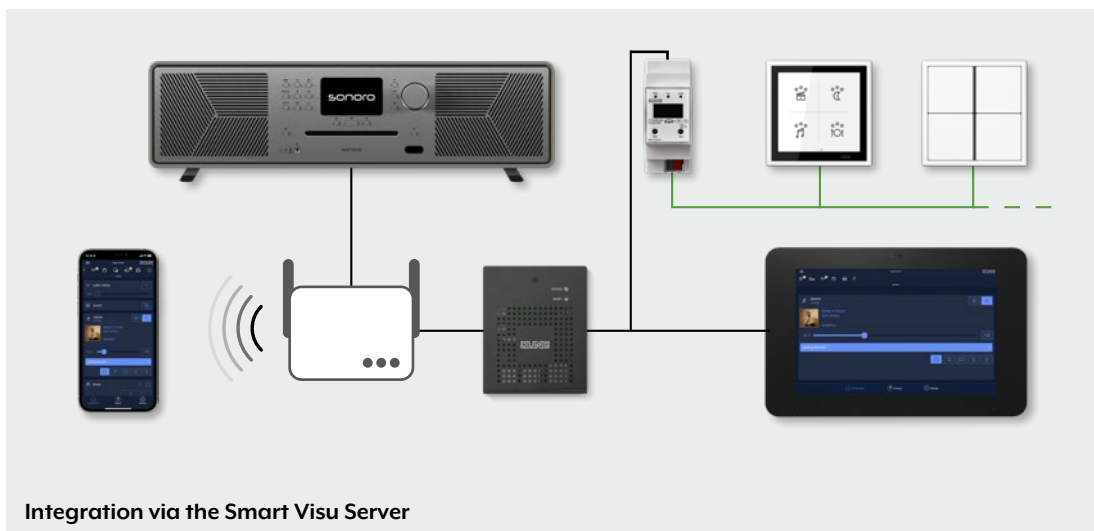
In divisible conference or presentation rooms, the lighting control should depend on how many partitions are open. If all the walls are closed, the lighting in the room is controlled via the push-buttons at each entrance door. However, if the first partition is opened,

the same control points can be used to control the combined room. If further walls are opened, the lighting circuits are extended by the respective open walls. This ensures consistent operation for the user, regardless of how the room is used.



sonoro control
via the App Smart Visu Server

Smart sound by sonoro



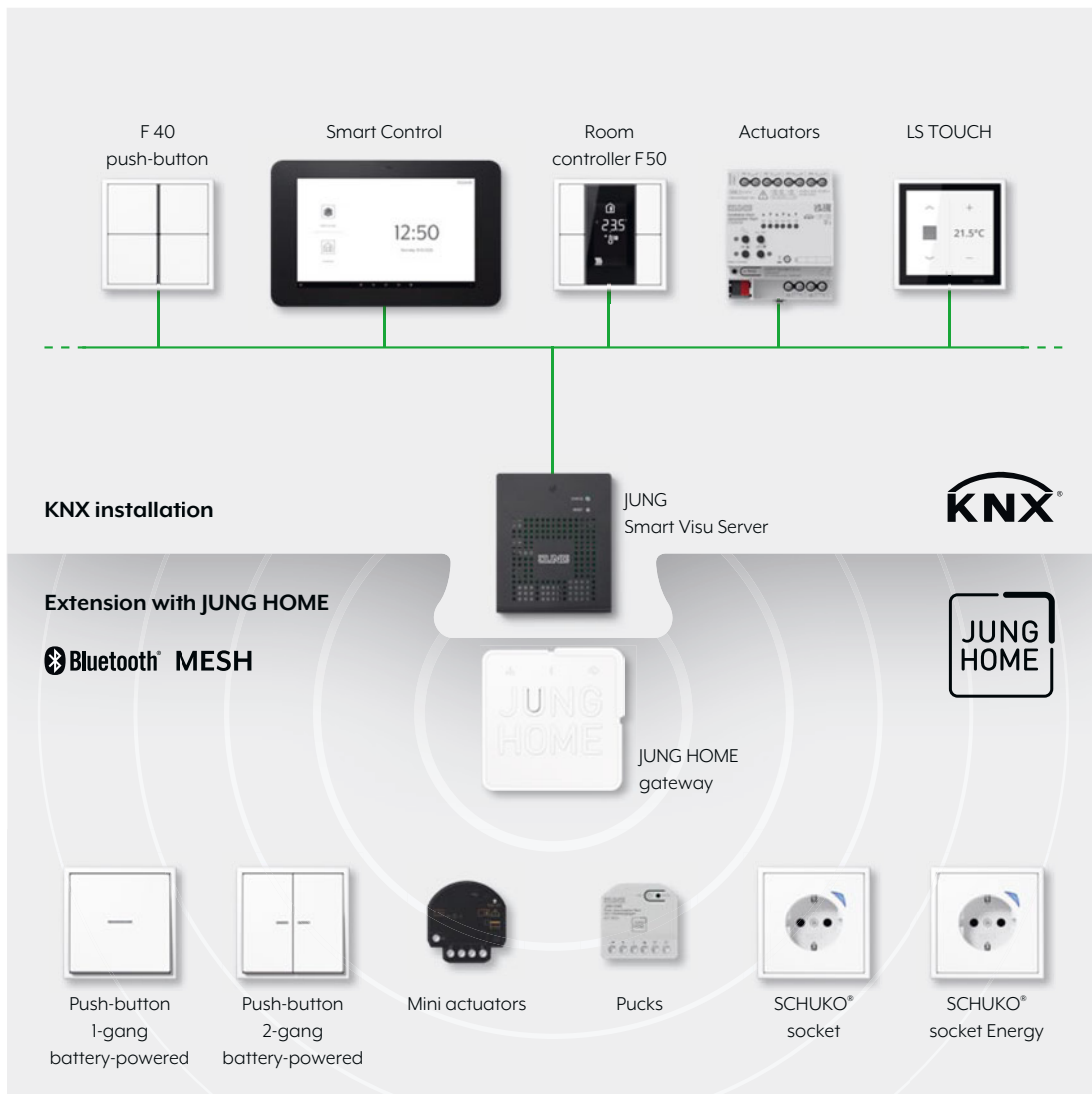
The latest generation of Sonoro music systems provides clear sound for every Smart Home, blending into the décor as a stylish design feature. The MEISTERSTÜCK (Gen.2), MAESTRO Quantum and AVATON audio systems can now be integrated into the JUNG KNX system via the Smart Visu Server. The systems can therefore be controlled via the Smart Visu Server user interface using a smartphone, tablet, Smart Control 8 and LS TOUCH, as well as via KNX push-buttons. KNX allows for the use of various control functions for music playback and their integration into scenes.

Functions that can be controlled via visualisation:

- Retrieve up to 99 favourites and select sources via the favourites
- Volume control incl. mute
- Switch music system On/Off / Play and Pause
- Switch repeat and shuffle functions On/Off
- Save and retrieve local favourites
- Control 9 KNX scenes or functions via remote control by sonoro*
- Title navigation (next / back)

*Only with the AVATON remote control

Smart Visu Server + JUNG HOME



Existing or new KNX installations can be expanded with the connection to JUNG HOME. JUNG HOME switchable sockets integrate floor or table lamps into scenes, and the energy version is used for load-dependent functions. If the existing KNX installation is expanded, for example, by an extension or the integration of the garage, the battery-powered push-button as a control unit or the JUNG HOME Pucks are an ideal addition. Even in areas where the frequency of KNX RF (886 MHz) is not permitted, JUNG HOME offers an interesting alternative via

Bluetooth® Mesh. All functions are controlled via the Smart Visu Server visualisation.

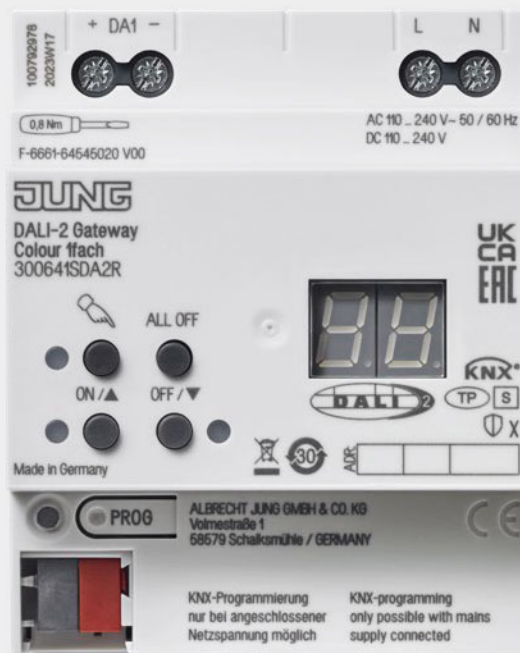
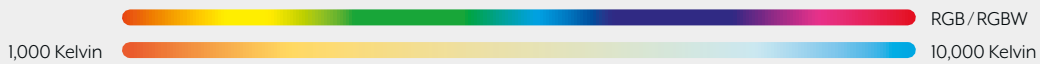
Added value for Smart Visu Server customers:

- Easy integration of switchable sockets
- Option to measure the energy consumption on sockets
- Subsequent linking of rooms
- Rooms retain their convenience even when converted



JUNG HOME control
via the Smart Visu Server app

KNX DALI-2 gateway

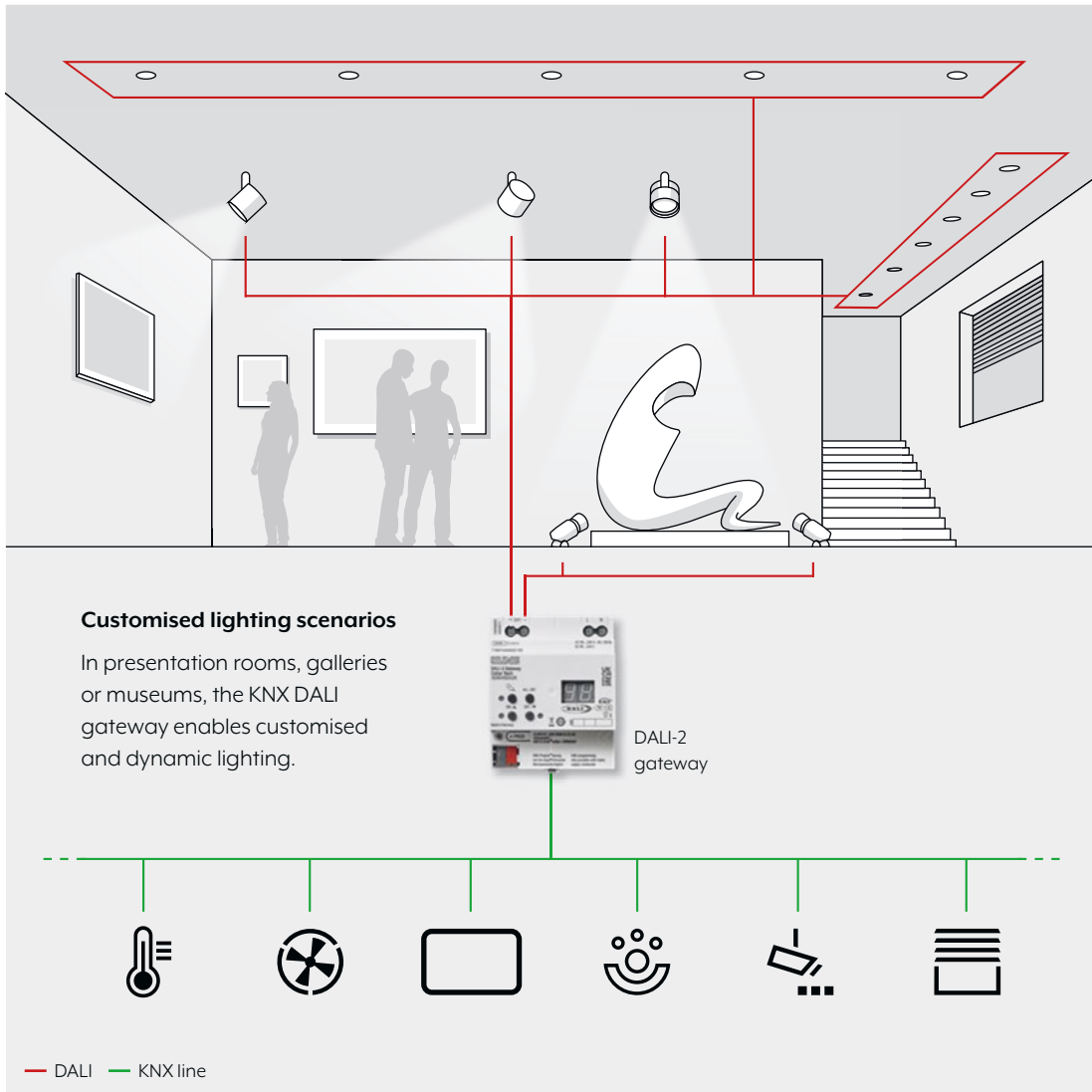


KNX DALI-2 gateway colour 1-gang and 2-gang

The gateway serves as the interface between KNX and DALI. It enables the control and monitoring of individual luminaires via the KNX system with bidirectional transmission of commands.

The control of lighting groups is also possible with the gateway. It enables the creation of scenes, time schedules and automations to tailor the lighting to the respective demands. The gateway can monitor the status of the luminaires and send messages to

the KNX system, which makes real-time monitoring and fast fault diagnosis possible. The JUNG KNX DALI-2 gateway Colour is available in 1-gang and 2-gang and is secure and updateable thanks to KNX Data Secure.



Application example: Showroom

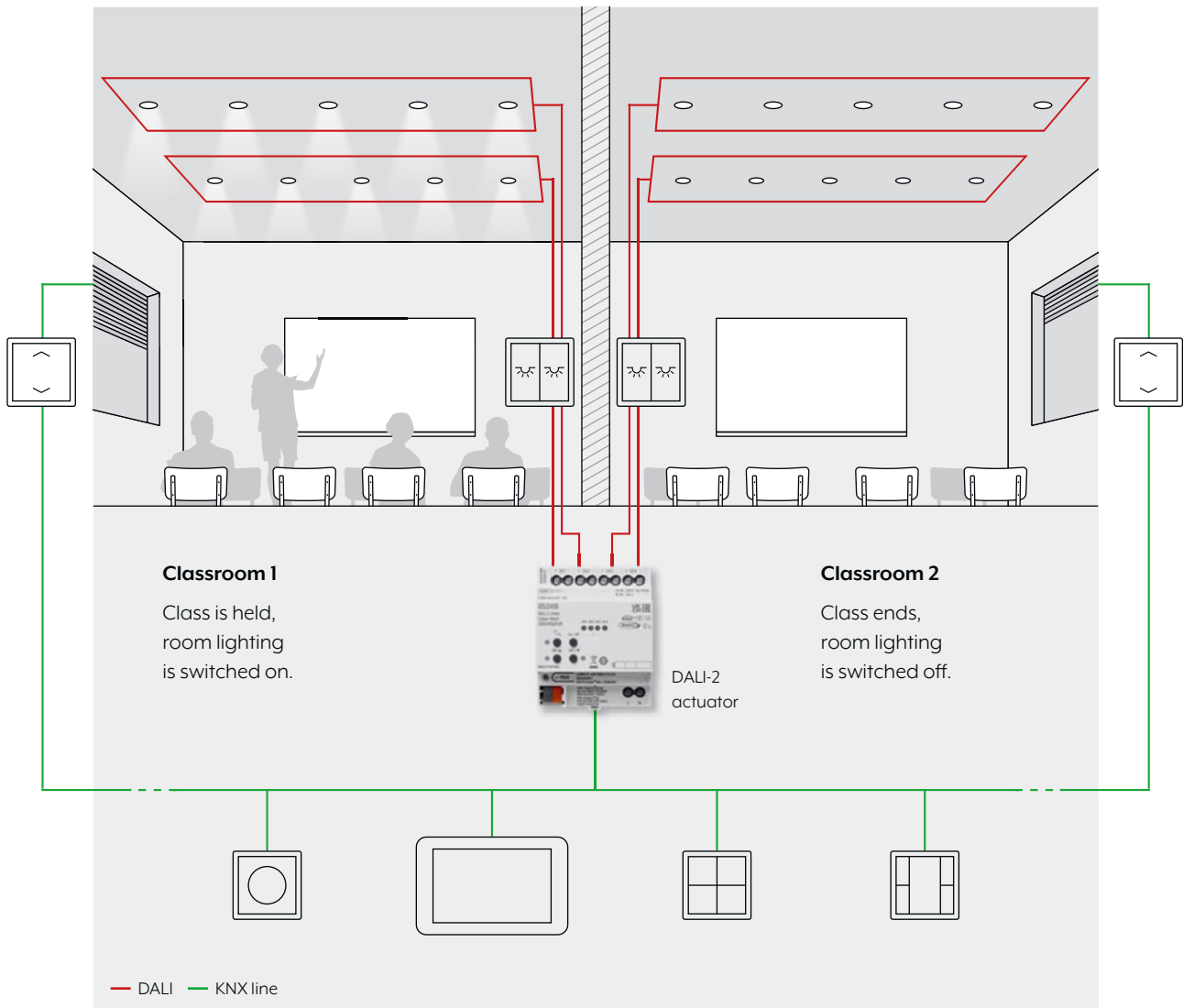
The KNX DALI gateway is the ideal solution for a lighting installation with a high degree of customisation. It offers great flexibility, especially in exhibition rooms or museums: basic lighting can be controlled via a group, while individual exhibits can be specifically

illuminated with different light colours or brightness levels. This allows certain areas to be emphasised, moods to be created and light to be used in a targeted manner in order to optimally support the effect of the exhibits.

KNX DALI-2 actuator



The JUNG KNX DALI actuator creates the bridge between the KNX dimming actuator and the KNX DALI gateway. It is a four-channel multi-master device and is thus ideal for recurring and smaller installations. It offers the convenience and simplicity of DALI (tunable white, RGBW). Special commissioning with the DCA is not necessary.



Application example: School

The KNX DALI actuator is ideal for repetitive rooms such as classrooms or hotel rooms. The four connections of the DALI actuator can be used to combine two classrooms, for example, each with two individually controllable light fields. Individual control is retained in the classroom. The central control is then carried out with the other functions via KNX.

This allows the custodian to switch the lights on centrally before lessons start and switch them off again at the end of the lesson using a corresponding visualisation on a tablet. Errors or faults are also transmitted to KNX via the DALI bus and shown on the displays so that a fault can be rectified quickly and efficiently.

DORN
BRACHT

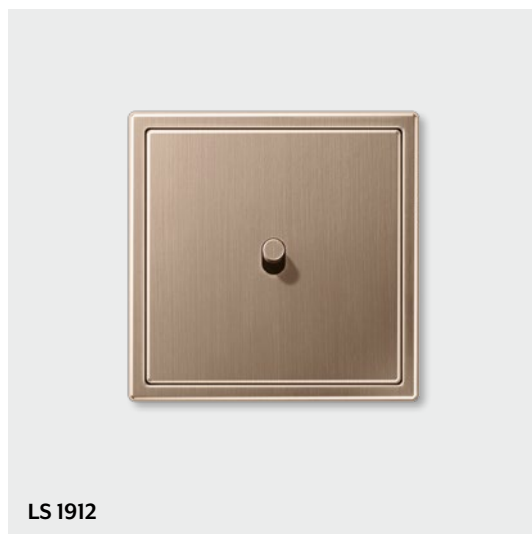
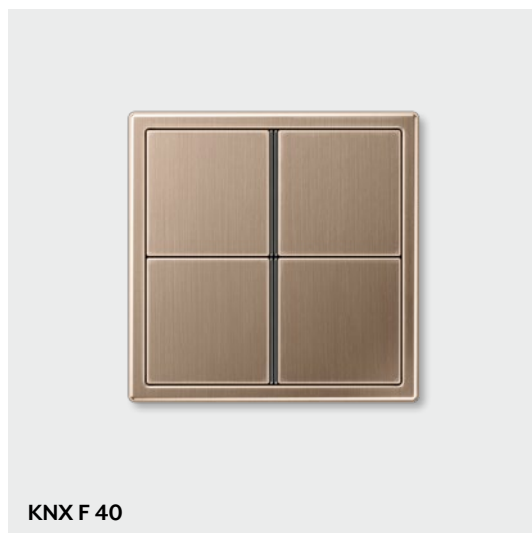
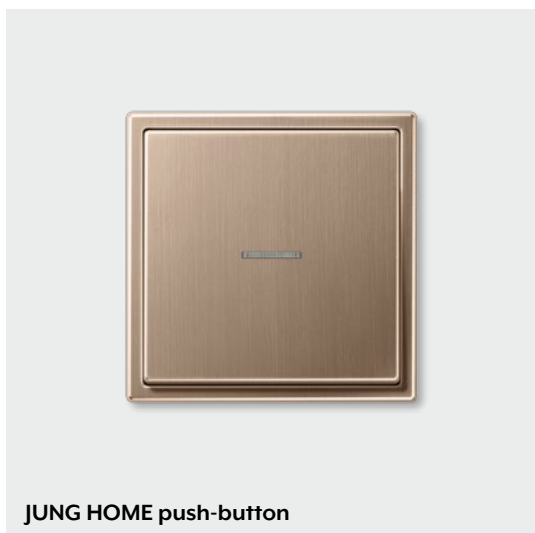




Signature design. Crafted in finishes.

Dornbracht and JUNG are pooling their design expertise in a new cooperation. Both manufacturers offer joint finishes and thus enable a consistent design of architecture and interior. A bronze colour forms the prelude: a brushed real metal surface that visually and haptically combines switch ranges from JUNG and fittings from Dornbracht.

DORNBRAUCHT x JUNG: Perfection in bronze



The illustrations of the sockets show an optionally available black screw.

With the new brushed bronze finish, JUNG is expanding the LS range portfolio with an exclusive metal version in cooperation with Dornbracht, the German luxury manufacturer of designer fittings.

The new JUNG finish corresponds in name, colour and feel to the established bronze finish from Dornbracht. The result is a multi-brand coordinated surface for switches and fittings that consistently combines materiality and design. The JUNG portfolio includes frames, rockers, push-buttons, KNX push-buttons,

sockets and LS TOUCH and thus supplements the existing metal variants with a further, precisely finished surface. The interplay of material, production and design is constantly being developed further: other common surfaces and metal colours are already being planned.





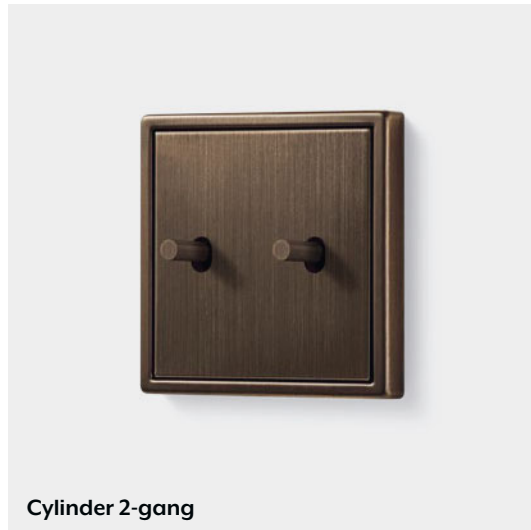
Toggle switch LS 1912 in antique brass
with cylindrical toggle lever

© LOCATTON: CASACERAMICA, PHOTO: MICHAEL SANDMAIER

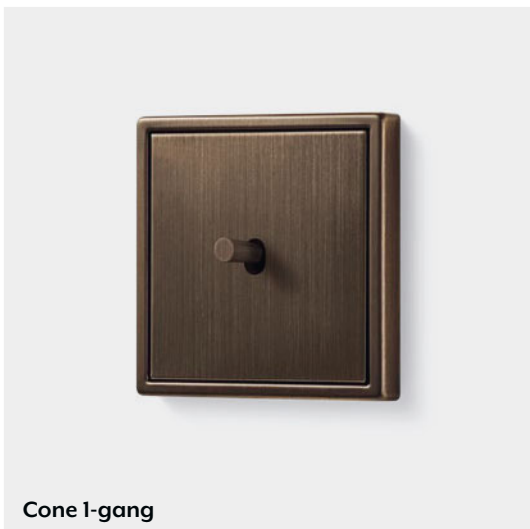
LS 1912 in antique brass



Cylinder 1-gang



Cylinder 2-gang



Cone 1-gang



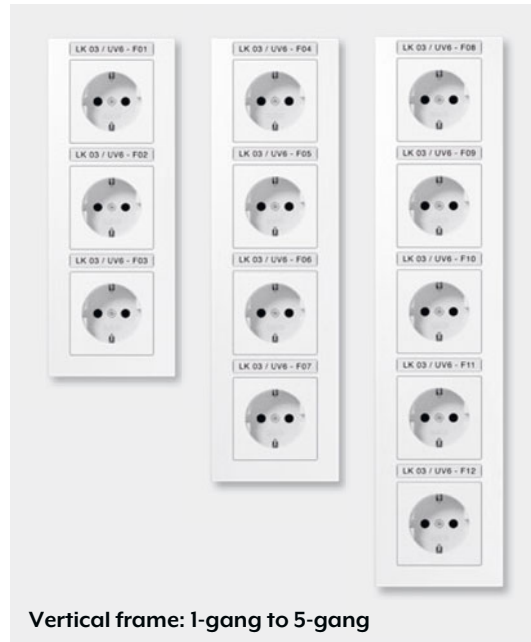
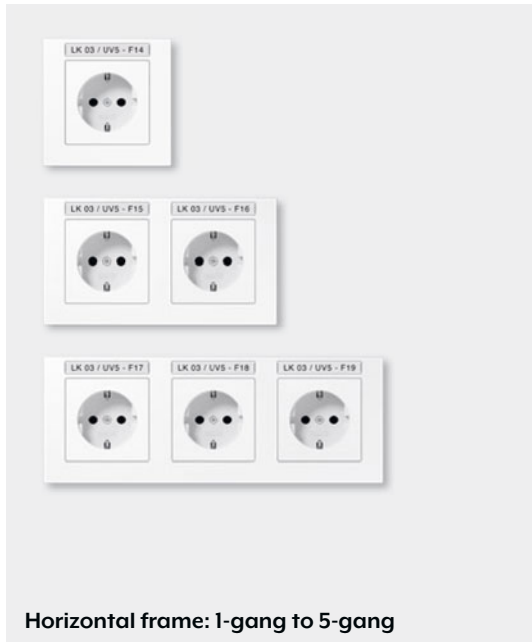
Cone 2-gang

The LS 1912 range is now also available in antique brass. The new finish is hand-brushed and gives each switch an individual, distinctive look. The warm metal tone emphasises the quality craftsmanship and blends harmoniously into sophisticated interiors – authentic, elegant and with a timeless appeal.



SCHUKO® socket
with inscription field in the
A 550 range in white

A 550 with inscription field



The A 550 switch range has been extended to include a practical function: the design frames are now also available with an inscription field. The new variants

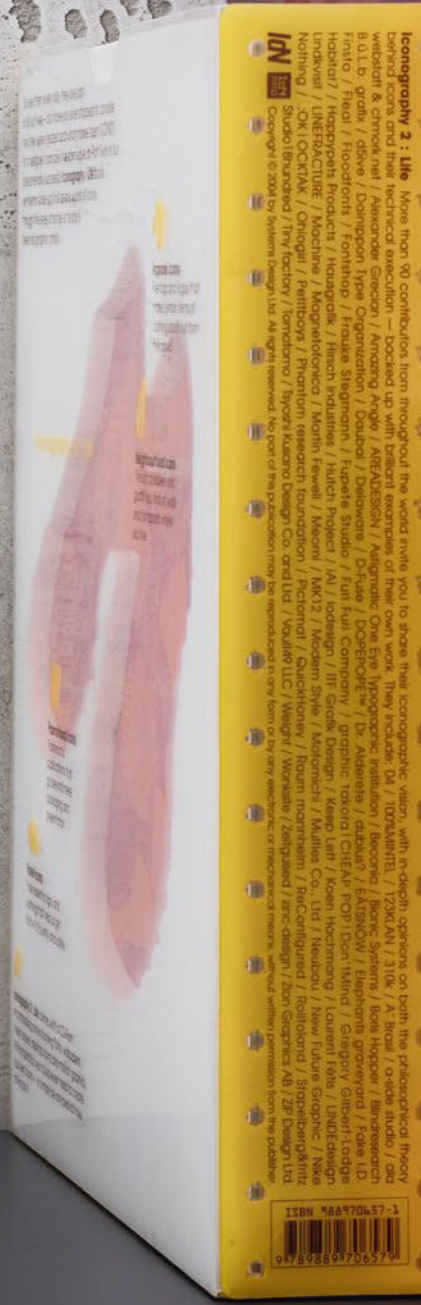
are available as 1- to 5-gang frames both vertically and horizontally in the colours white, black, matt snow white, matt graphite black and matt anthracite.

Professional inscription with the GRAPHIC TOOL



The integrated inscription field (9 x 55 mm) enables clear inscription of all products – from sockets and push-buttons to network connections. The label

function in the JUNG GRAPHIC TOOL supports the simple and precise creation of individual inscriptions on the new A 550 design frames.



British Standard socket with USB in the LS 990 range in aluminium

News about British sockets



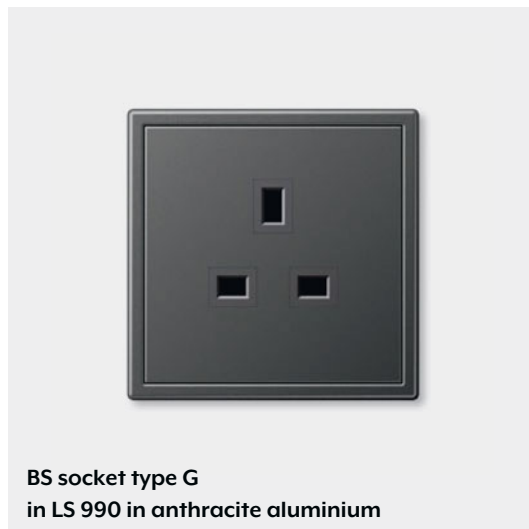
**BS socket type G with USB-C
in A 550 in aluminium**



**BS socket type G with hinged lid
in A 550 in champagne**



**BS switched socket type G with indicator light
(KO) in LS 990 in classic brass**



**BS socket type G
in LS 990 in anthracite aluminium**

JUNG is expanding the British Standard portfolio with a 13 A socket with two USB-C connections. The type G sockets with optimised housing and newly designed central plate simplify mounting. The proven shutter quality ensures a high level of safety. The larger rocker switch enables convenient operation. The BS sockets can be combined with all JUNG components of the A and LS ranges in 1- to 5-gang frames.

New reference numbers for British sockets

Socket type G



Socket insert G		A range: centre plate G			LS range: centre plate G		
Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW
3521EINS	521G	WW	A3521WWPL	A521GWWPL	WW	BS2521WWPL	LS521GWWPL
		SW	A3521SWPL	A521GSWPL	SW	BS2521SWPL	LS521GSWPL
		AL	A3521ALPL	A521GALPL	WWM	BS2521WWMPL	LS521GWWMPL
		MO	A3521MOPL	A521GMOPL	SWM	BS2521SWMPL	LS521GSWMPL
		CH	A3521CHPL	A521GCHPL	AL	BS2521ALPL	AL2521GPL
		WWM	A3521BFWWMPL	A521GWWMPL	AN	BS2521ANPL	AL2521GANPL
		SWM	A3521BFSWMPL	A521GSWMPL	ALD	BS2521ALDPL	AL2521GDPL
		ANM	A3521BFANMPL	A521GANMPL	ES	BS2521ESPL	ES2521GPL
					MEA	BS2521MEATPL	ME2521GATPL
					MEC	BS2521MECPL	ME2521GCPL

Socket type G with hinged lid



Socket insert G		A range: hinged lid G			LS range: hinged lid G		
Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW
3521EINS	521G	WW	-	A521GWWKL	WW	NEW	LS521GWWKL
		SW	-	A521GSWKL	SW	NEW	LS521GSWKL
		AL	-	A521GALKL	WWM	NEW	LS521GWWMKL
		MO	-	A521GMOKL	SWM	NEW	LS521GSWMKL
		CH	-	A521GCHKL	AL	NEW	AL2521GKL
		WWM	-	A521GWWMKL	AN	NEW	AL2521GANKL
		SWM	-	A521GSWMKL	ALD	NEW	AL2521GDKL
		ANM	-	A521GANMKL	ES	NEW	ES2521GKL
					MEA	NEW	ME2521GATKL
					MEC	NEW	ME2521GCKL

The British socket portfolio is under revision. Existing components are not compatible with the new versions and the reference numbers will change.

Switched socket type G



Switchable socket insert G		A range: centre plate G with switch			LS range: centre plate G with switch		
Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW
3171EINS	571G	WW	A3171WWPL	A571GWWPL	WW	BS2171WWPL	LS571GWWPL
		SW	A3171SWPL	A571GSWPL	SW	BS2171SWPL	LS571GSWPL
		AL	A3171ALPL	A571GALPL	WWM	BS2171WWMPL	LS571GWWMPL
		MO	A3171MOPL	A571GMOPL	SWM	BS2171SWMPL	LS571GSWMPL
		CH	A3171CHPL	A571GCHPL	AL	BS2171ALPL	AL2571GPL
		WWM	A3171BFWWMPL	A571GWWMPL	AN	BS2171ANPL	AL2571GANPL
		SWM	A3171BFSWMPL	A571GSWMPL	ALD	BS2171ALDPL	AL2571GDPL
		ANM	A3171BFANMPL	A571GANMPL	ES	BS2171ESPL	ES2571GPL
					MEA	BS2171MEATPL	ME2571GATPL
					MEC	BS2171MECPL	ME2571GCPL

Switched socket type G with indicator light (KO)



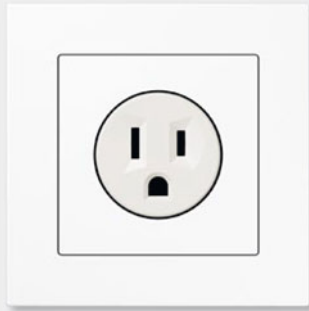
Switchable socket insert G with KO		A range: centre plate G with switch and KO			LS range: centre plate G with switch and KO		
Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW
3171KOEINS	571G-KO	WW	A3171KOWWPL	A571G-KOWWPL	WW	BS2171KOWWPL	LS571G-KOWWPL
		SW	A3171KOSWPL	A571G-KOSWPL	SW	BS2171KOSWPL	LS571G-KOSWPL
		AL	A3171KOALPL	A571G-KOALPL	WWM	BS2171KOWWMPL	LS571G-KOWWMPL
		MO	A3171KOMOPL	A571G-KOMOPL	SWM	BS2171KOSWMPL	LS571G-KOSWMPL
		CH	A3171KOCHPL	A571G-KOCHPL	AL	BS2171KOALPL	AL2571G-KOPL
		WWM	A3171BFKOWWMPL	A571G-KOWWMPL	AN	BS2171KOANPL	AL2571G-KOANPL
		SWM	A3171BFKOSWMPL	A571G-KOSWMPL	ALD	BS2171KOALDPL	AL2571G-KODPL
		ANM	A3171BFKOANMPL	A571G-KOANMPL	ES	BS2171KOESPL	ES2571G-KOPL
					MEA	BS2171KOMEATPL	ME2571G-KOATPL
					MEC	BS2171KOMECPPL	ME2571G-KOCPL

Socket type G with USB-C 20 W



Socket insert G with USB-C		A range: centre plate G with USB-C			LS range: centre plate G with USB-C		
Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW
-	521G-CC20	WW	-	A521G-CC20WWPL	WW	-	LS521G-CC20WWPL
		SW	-	A521G-CC20SWPL	SW	-	LS521G-CC20SWPL
		AL	-	A521G-CC20ALPL	WWM	-	LS521G-CC20WWMPL
		MO	-	A521G-CC20MOPL	SWM	-	LS521G-CC20SWMPL
		CH	-	A521G-CC20CHPL	AL	-	AL2521G-CC20PL
		WWM	-	A521G-CC20WWMPL	AN	-	AL2521G-CC20ANPL
		SWM	-	A521G-CC20SWMPL	ALD	-	AL2521G-CC20DPL
		ANM	-	A521G-CC20ANMPL	ES	-	ES2521G-CC20PL
					MEA	-	ME2521G-CC20ATPL
					MEC	-	ME2521G-CC20CPL

The US NEMA sockets



US NEMA socket 15 A
in A 550 in white



US NEMA socket 20 A
in A 550 in aluminium



US NEMA socket 15 A
in LS 990 from stainless steel



US NEMA socket 20 A
in LS 990 in matt graphite black

The US NEMA sockets from JUNG are UL and PSE certified and fulfil international standards. They remain compatible and can be easily exchanged or retrofitted thanks to the proven predecessors. The design is integrated into the JUNG system and can be combined in 1- to 5-gang frames.

New reference numbers for US NEMA

The US NEMA portfolio is under revision. The existing centre plates will be compatible with the new inserts. The reference numbers will change.

US NEMA: socket 15 A/20 A



Socket insert 15 A		A range: centre plate			LS range: centre plate		
Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW
521-15US-WWEINS	521B-15 WW	WW	A521USWWPL	A521B WW PL	WW	LS521USWWPL	LS521B WW PL
521-15US-SWEINS	521B-15 SW	SW	A521USSWPL	A521B SW PL	SW	LS521USSWPL	LS521B SW PL
		AL	A521USALPL	A521B AL PL	WWM	-	LS521B WWM PL
		WWM	-	A521B WWM PL	SWM	-	LS521B SWM PL
		SWM	-	A521B SWM PL	AL	AL2521USPL	AL2521B PL
		ANM	-	A521B ANM PL	AN	AL2521USANPL	AL2521B AN PL
					ALD	AL2521USDPL	AL2521B D PL
					ES	ES2521USPL	ES2521B PL
					MEA	-	ME2521B AT PL
					MEC	-	ME2521B C PL

Socket insert 20 A	
Ref.-no. OLD	Ref.-no. NEW
521-20US-WWEINS	521B-20 WW
521-20US-SWEINS	521B-20 SW

US NEMA: socket 15 A



A range: socket 15 A			CD range: socket 15 A			LS range: socket 15 A		
Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW
W	A521-15	A521B-15	W	CD521-15	CD521B-15	WW	LS521-15WW	LS521B-15 WW
WW	A521-15WW	A521B-15 WW	WW	CD521-15WW	CD521B-15 WW	SW	-	LS521B-15 SW
SW	A521-15SW	A521B-15 SW				WWM	LS521-15WWM	LS521B-15 WWM
AL	A521-15AL	A521B-15 AL				SWM	LS521-15SWM	LS521B-15 SWM
WWM	A521-15WWM	A521B-15 WWM				AL	AL2521-15	AL2521B-15
SWM	A521-15SWM	A521B-15 SWM				ALD	AL2521-15D	AL2521B-15 D
ANM	-	A 521B-15 ANM				AN	-	AL2521B-15 AN
						ES	ES2521-15	ES2521B-15
						MEA	ME2521-15AT	ME2521B-15 AT
						MEC	ME2521-15C	ME2521B-15 C

US NEMA: socket 20 A



A range: socket 20 A			CD range: socket 20 A			LS range: socket 20 A		
Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW	Colour	Ref.-no. OLD	Ref.-no. NEW
W	A521-20	A521B-20	W	CD521-20	CD521B-20	WW	LS521-20WW	LS521B-20 WW
WW	A521-20WW	A521B-20 WW	WW	CD521-20WW	CD521B-20 WW	SW	-	LS521B-20 SW
SW	A521-20SW	A521B-20 SW				WWM	LS521-20WWM	LS521B-20 WWM
AL	A521-20AL	A521B-20 AL				SWM	LS521-20SWM	LS521B-20 SWM
WWM	A521-20WWM	A521B-20 WWM				AL	AL2521-20	AL2521B-20
SWM	A521-20SWM	A521B-20 SWM				ALD	AL2521-20D	AL2521B-20 D
ANM	-	A521B-20 ANM				AN	-	AL2521B-20 AN
						ES	ES2521-20	ES2521B-20
						MEA	ME2521-20AT	ME2521B-20 AT
						MEC	ME2521-20C	ME2521B-20 C

A language of distinction



NUO YA is exclusively
engineered and produced
for the Asian market.

For further information,
please contact:
international@jung.de

NUO YA by JUNG

Light, frameless, and modern minimalist – the switch range NUO YA embodies design clarity and technical elegance in its appearance. Balanced proportions define every component of the range. The precise execution of softly rounded edges and seamless surface transitions, combined with its elegant aesthetic, is the result of JUNG's design language, taking market-specific requirements into account. With its understated elegance, NUO YA refines modern living spaces.



Nine shades of elegance

Standard	Soft White As soft as skin. A tone of natural purity, subtle, bright and gently radiant.	Majestic Grey Tides of clarity. A colour that carries positivity, strength and confident distinction.	
Matt	Soft White Matt Felt, not seen. A fair, matt shade that settles with softness and calm.	Majestic Grey Matt Where strong waves rest. A presence shaped by depth, elegance and quiet power.	
Lacquered	Crescent Silver Half moon, lingering. A colour shaped by the silvery shadows of moonlit nights.	Glazed Gold A glow like coloured glaze. Subtle, radiant, and calm – crafted to reflect refinement.	Sandalwood Brown Where warmth settles. Fragrant sandalwood, a tone of rich and earthy balance.
Edition	Jade Green As if carved from light. Bright and clean in tone, refined from within.	Smoky Purple Where clouds drift. A tone that turns a misty atmosphere into pure poetry.	

NUO YA offers both, lacquered and non-lacquered surfaces to suit different project needs. The non-lacquered versions offer robust material consistency and a pure, tactile quality – perfectly suited for functional spaces with a focus on resilience and authenticity.

The lacquered variants stand out with rich colour depth, a refined finish and high surface durability – ideal for expressive interiors and premium accents. Two special tones, brought together in the “Edition” line, reflect contemporary trends and urban aesthetics.





CN 2-gang switch
in jade green

Functional diversity



10 A two-level socket



Single-gang double-control switch 16A, 250V



Single-pole intermediate switch 16A, 250V



10 A two-level socket with dual-control switch



Double-gang single-control switch 16A, 250V



Double-socket computer and television outlet



16 A three-level socket



Double-gang double-control switch 16A, 250V



Single-socket Category 6 computer outlet



16 A three-level socket with dual-control switch



Triple-gang single-control switch 16A, 250V



Blank panel

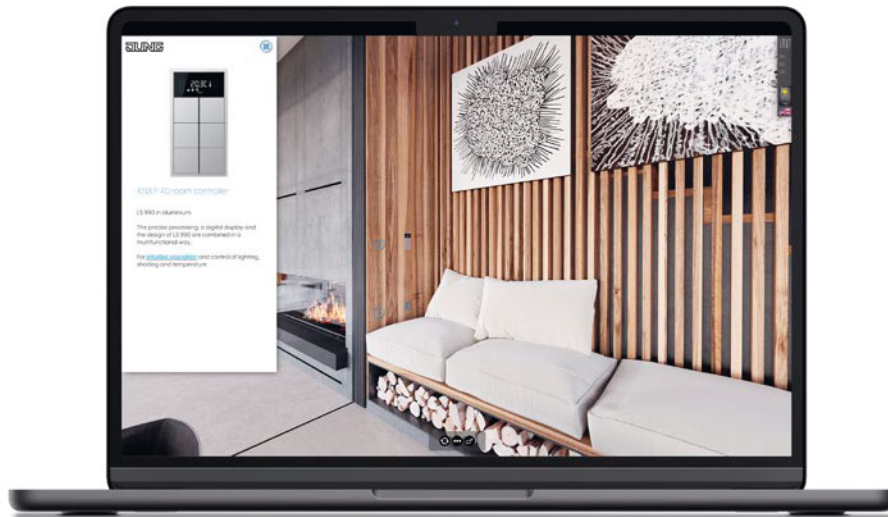


10 A two-level socket with USB charging port



Triple-gang double-control switch 16A, 250V

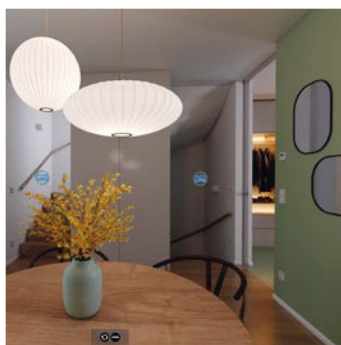
JUNG Virtual Solutions



JUNG Virtual Solutions make it easier for installers to advise, plan and implement smart building technology. From private living environments to high-quality hotel furnishings, interactive 360° tours demonstrate the versatility of JUNG systems. The virtual rooms demonstrate different equipment variants, make functions comprehensible and give a realistic impression of comfort, efficiency and design. The applica-

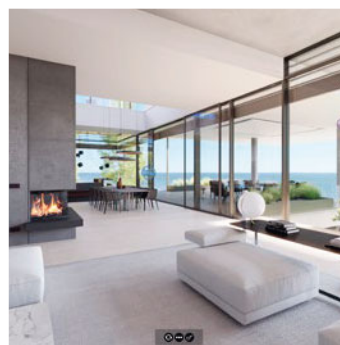
tion can be used on a screen – with VR glasses, the experience becomes even more immersive and the spatial effect particularly impressive.

jung.group/vr



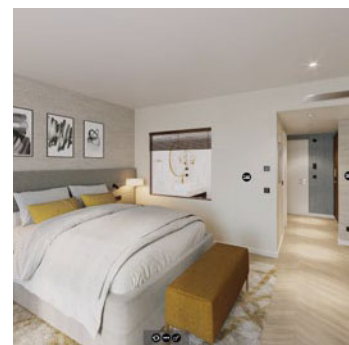
Living smartly with JUNG HOME

The VR scenarios show how JUNG HOME conveniently networks light, shading, temperature, security and energy. A flexible, future-proof standard for modern living.



Living smartly with KNX

Our VR tours demonstrate the versatility of KNX in residential buildings: networked functions, individual control and professional Smart Home technology to international standards.



Smart living in the hotel

In interactive VR examples, you can experience how JUNG technology integrates intuitively into hotel rooms – from economy to luxury. Sophisticated solutions for a consistent guest experience.



JUNG Virtual Solutions ■





my JUNG

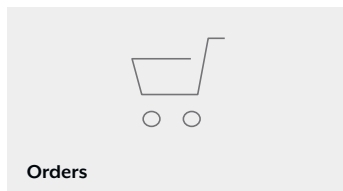


myJUNG – the central portal for pros

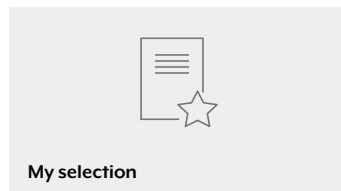
With myJUNG, professional partners have a central platform at their disposal that bundles all important information and services.

From technical documentation, product data and planning documents to software, training materials and the latest updates, electrical professionals, planners and architects will find everything they need for

their daily work here. This makes myJUNG a reliable working basis – clear, up-to-date and specially tailored to the requirements of professional users.



You can track consignments and find an order overview here.



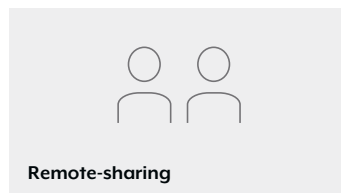
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Magnetic Charger in the A 550 range
in matt graphite black

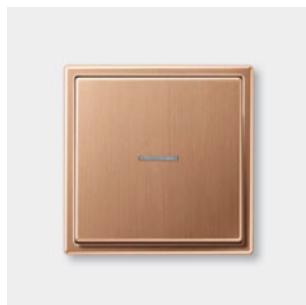
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Date 01/03/2026

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JUNG supplies exclusively via electrical wholesalers to specialised companies in the electrical trade.

Legend

- Ensured degree of protection IP44 or higher, see article description
- High-quality laser engraving possible with GRAPHIC TOOL
- Colour printing possible with GRAPHIC TOOL

JUNG HOME Puck switch actuator 1-gang Energy with 2 binary inputs

Intended use

- Manual switching of lighting and common household devices
- Power (W) and energy measurement (kWh) of the connected devices
- Operation via binary inputs of the JUNG HOME actuator, JUNG HOME push-button, JUNG HOME sensors and JUNG HOME app
- Connection of devices (e.g. push-buttons, switches or weather sensors) to the binary inputs for triggering scenes, operating electrical loads, polling of statuses, etc.
- Automatic switching of lighting and common household devices. Requirement: at least one of the following devices is in the project (Bluetooth® Mesh network): JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button or JUNG HOME motion or presence detector, JUNG HOME room thermostat
- Wireless linking with JUNG HOME system devices
- Installation in flush box with dimensions according to DIN 49073
- Ceiling installation in the mini housing built-in adapter, ref.-no.: FM-EBG

Product characteristics

- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Free linking of the 2 binary inputs with JUNG HOME actuators (local or wireless)
- Independent use of actuator functions and binary inputs
- Multi-coloured status indicator and **Prog** button for commissioning
- Disabling the **Prog** button
- Including the load in areas (groups), central functions and scenes
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Disabling function and forced guidance: Continuous ON/OFF or ON/OFF for fixed time
- Wind alarm via connection of weather sensors to binary inputs
- Trigger the disabling function using binary inputs, e.g. lock-out protection with shutters and blinds, forced guidance, etc.
- Power measurement from 0.1 to 3680 Watt and energy measurement (kWh)
- Recording of the energy flow over previous 24 hours and previous 31 days (charting)
- Operating hours counter, energy measurement period
- Power Save function (switches off standby electrical loads)
- Master/slave function (switches a wirelessly linked electrical load depending on the electrical load connected)
- Overcurrent protection shutdown
- Bluetooth® Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Function if JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button, JUNG HOME motion or presence detector, or JUNG HOME room thermostat is included in the Bluetooth® Mesh network (project).

- Up to 16 time programs
- Time programs with sunrise or sunset (astro timer)
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with mobile device

Ref.-no.

BT P SE1 B2 U

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Input voltage:	AC 230 V ~
Stand-by power:	max. 0.3 W
Power loss:	max. 4 W
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-25 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Switching current at 35 °C	
Ohmic:	16 A (AC1)
Motors:	6 A
Active power:	-3680 ... 3680 W
Accuracy (power):	1% ±0.1 W
Active energy:	-999,999 ... 999,999 kWh
Connected load at 35 °C	
Incandescent lamps:	2300 W
HV halogen lamps:	2300 W
Electronic transformers:	1500 W
Inductive transformers:	1000 VA
HV LED lamps:	typical 400 W
Reduction of load	
for every 5 °C exceeding 35 °C:	-5 %
for installation into wooden or hollow walls:	-15 %
for installation into multiple combinations:	-20 %
Cable length	
Output cable:	max. 100 m
Binary input:	max. 50 m
Dimensions (W x H x D):	46 x 46 x 20 mm
Installation depth:	18 mm (20 mm in the terminal area)
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range in buildings:	approx. 30 m

JUNG HOME Puck switch actuator 2-gang with 2 binary inputs

Ref.-no.

BT P S2 B2 U

**Intended use**

- Manual switching of lighting and common household devices
- Operation via binary inputs of the JUNG HOME actuator, JUNG HOME push-button, JUNG HOME sensors and JUNG HOME app
- Connection of devices (e.g. push-buttons, switches or weather sensors) to the binary inputs for triggering scenes, operating electrical loads, polling of statuses, etc.
- Automatic switching of lighting and common household devices. Requirement: at least one of the following devices is in the project (Bluetooth® Mesh network): JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button or JUNG HOME motion or presence detector, JUNG HOME room thermostat
- Wireless linking with JUNG HOME system devices
- Installation in flush box with dimensions according to DIN 49073
- Ceiling installation in the mini housing built-in adapter, ref.-no.: FM-EBG

Product characteristics

- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Free linking of the 2 binary inputs with JUNG HOME actuators (local or wireless)
- Independent use of actuator functions and binary inputs
- Multi-coloured status indicator and **Prog** button for commissioning
- Disabling the **Prog** button
- Including the load in areas (groups), central functions and scenes
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Disabling function and forced guidance: Continuous ON/OFF or ON/OFF for fixed time
- Wind alarm via connection of weather sensors to binary inputs
- Trigger the disabling function using binary inputs, e.g. lock-out protection with shutters and blinds, forced guidance, etc.
- Bluetooth® Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Function if JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button, JUNG HOME motion or presence detector, or JUNG HOME room thermostat is included in the Bluetooth® Mesh network (project).

- Up to 16 time programs
- Time programs with sunrise or sunset (astro timer)
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with mobile device

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Input voltage:	AC 230 V ~
Stand-by power:	max. 0.3 W
Power loss:	max. 4 W
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-20 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Switching current per output for 35 °C	
Ohmic:	16 A (AC1)
Motors:	6 A
Current carrying capacity of device:	Σ 16 A
Connected load per output at 35 °C	
Incandescent lamps:	2300 W
HV halogen lamps:	2300 W
Electronic transformers:	1500 W
Inductive transformers:	1000 VA
HV LED lamps:	typical 400 W
Reduction of load	
for every 5 °C exceeded 35 °C:	-5 %
for installation into wooden or hollow walls:	-15 %
for installation into multiple combinations:	-20 %
Cable length	
Output cable:	max. 100 m
Binary input:	max. 50 m
Dimensions (W x H x D):	46 x 46 x 20 mm
Installation depth:	18 mm (20 mm in the terminal area)
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m

JUNG HOME Puck blinds actuator 1-gang with 2 binary inputs**Intended use**

- Manual control of blinds, shutters or awnings
- Operation via binary inputs of the JUNG HOME actuator, JUNG HOME push-button, JUNG HOME sensors and JUNG HOME app
- Connection of devices (e.g. push-buttons, switches or weather sensors) to the binary inputs for triggering scenes, operating electrical loads, polling of statuses, etc.
- Automatic control of blinds, shutters or awnings. Requirement: at least one of the following devices is in the project (Bluetooth® Mesh network): JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button or JUNG HOME motion or presence detector, JUNG HOME room thermostat
- Wireless linking with JUNG HOME system devices
- Installation in flush box with dimensions according to DIN 49073
- Ceiling installation in the mini housing built-in adapter, ref.-no.: FM-EBG

Product characteristics

- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Free linking of the 2 binary inputs with JUNG HOME actuators (local or wireless)
- Independent use of actuator functions and binary inputs
- Multi-coloured status indicator and **Prog** button for commissioning
- Disabling the **Prog** button
- Including the load in areas (groups), central functions and scenes
- Ventilation position, running time, slat change-over time, change-over time for direction change and inverse operation adjustable
- Wind alarm via connection of weather sensors to binary inputs
- Trigger the disabling function using binary inputs, e.g. lock-out protection with shutters and blinds, forced guidance, etc.
- Bluetooth® Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Function if JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button, JUNG HOME motion or presence detector, or JUNG HOME room thermostat is included in the Bluetooth® Mesh network (project).

- Up to 16 time programs
- Time programs with sunrise or sunset (astro timer)
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with mobile device

Ref.-no.

BT P J1 B2 U

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power:	max. 0.3 W
Power loss:	max. 4 W
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-20 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Connected load	
Motors:	700 W
Cable length	
Output cable:	max. 100 m
Binary input:	max. 50 m
Dimensions (W x H x D):	46 x 46 x 20 mm
Installation depth:	18 mm (20 mm in the terminal area)
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range in buildings:	approx. 30 m

JUNG HOME Puck dimmer 1-gang with 2 binary inputs**Intended use**

- Manual switching and dimming of lighting
- Operation via binary inputs of the JUNG HOME actuator, JUNG HOME push-button, JUNG HOME sensors and JUNG HOME app
- Connection of devices (e.g. push-buttons, switches or weather sensors) to the binary inputs for triggering scenes, operating electrical loads, polling of statuses, etc.
- Automatic switching and dimming of lighting. Requirement: at least one of the following devices is in the project (Bluetooth® Mesh network): JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button or JUNG HOME motion or presence detector, JUNG HOME room thermostat
- Wireless linking with JUNG HOME system devices
- Installation in flush box with dimensions according to DIN 49073
- Ceiling installation in the mini housing built-in adapter, ref.-no.: FM-EBG

Product characteristics

- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Free linking of the 2 binary inputs with JUNG HOME actuators (local or wireless)
- Independent use of actuator functions and binary inputs
- Multi-coloured status indicator and **Prog** button for commissioning
- Disabling the **Prog** button
- Including the load in areas (groups), central functions and scenes
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Disabling function and forced guidance: Continuous ON/OFF or ON/OFF for fixed time
- Wind alarm via connection of weather sensors to binary inputs
- Trigger the disabling function using binary inputs, e.g. lock-out protection with shutters and blinds, forced guidance, etc.
- Maximum and minimum brightness adjustable
- Switch-on with last brightness or fixed switch-on brightness
- Device works according to the leading edge phase control or trailing edge phase control principle
- Setting of the dimming principle suitable for the load via the JUNG HOME App
- Electronic short-circuit protection with permanent switch-off after 7 seconds at the latest
- Electronic over-temperature protection
- Bluetooth® Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Function if JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button, JUNG HOME motion or presence detector, or JUNG HOME room thermostat is included in the Bluetooth® Mesh network (project).

- Up to 16 time programs
- Time programs with sunrise or sunset (astro timer)
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with mobile device

Ref.-no.**BT P D1 B2 U****Technical data**

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Input voltage:	AC 230 V ~
Stand-by power:	max. 0.35 W
Power loss:	max. 2.3 W
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-20 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Connected load at 35 °C	
Trailing edge phase control	
Incandescent lamps:	0 ... 300 W
HV halogen lamps:	0 ... 300 W
Electronic transformers with LV halogen lamps:	0 ... 300 W
Dimmable HV LED lamps:	typical 0 ... 200 W
Electronic LED ballast with LED lamps:	0 ... 200 W
Leading edge phase control	
Incandescent lamps:	0 ... 225 W
HV halogen lamps:	0 ... 225 W
Dimmable HV LED lamps:	typical 0 ... 80 W
Electronic LED ballast with LED lamps:	0 ... 80 W
Reduction of load	
for every 5 °C exceeded 35 °C:	-10 %
for installation into wooden or hollow walls:	-15 %
for installation into multiple combinations:	-20 %
Cable length	
Output cable:	max. 100 m
Binary input:	max. 50 m
Dimensions (W x H x D):	46 x 46 x 20 mm
Installation depth:	18 mm (20 mm in the terminal area)
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range in buildings:	approx. 30 m

**JUNG HOME Puck power DALI-2 controller TW
with 2 binary inputs**

Intended use

- Switching and brightness setting for luminaires with DALI interface
- Setting of colour temperature for luminaires with DALI Device Type 8 for tunable white acc. to IEC 62386-209
- The device functions as a DALI-2 single-master and should not be combined with other DALI controllers
- Operation via binary inputs of the JUNG HOME actuator, JUNG HOME push-button, JUNG HOME sensors and JUNG HOME app
- Connection of devices (e.g. push-buttons, switches or weather sensors) to the binary inputs for triggering scenes, operating electrical loads, polling of statuses, etc.
- Automatic switching and brightness setting. Requirement: at least one of the following devices is in the project (Bluetooth® Mesh network): JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button or JUNG HOME motion or presence detector, JUNG HOME room thermostat
- Wireless linking with JUNG HOME system devices
- Installation in flush box with dimensions according to DIN 49073
- Ceiling installation in the mini housing built-in adapter, ref.-no.: FM-EBG

Product characteristics

- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Free linking of the 2 binary inputs with JUNG HOME actuators (local or wireless)
- Independent use of actuator functions and binary inputs
- Multi-coloured status indicator and **Prog** button for commissioning
- Disabling the **Prog** button
- Including the load in areas (groups), central functions and scenes
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Disabling function and forced guidance: Continuous ON/OFF or ON/OFF for fixed time
- Wind alarm via connection of weather sensors to binary inputs
- Trigger the disabling function using binary inputs, e.g. lock-out protection with shutters and blinds, forced guidance, etc.
- Maximum and minimum brightness adjustable
- Switch-on with last brightness or fixed switch-on brightness
- Device functions as single-master with broadcast commands
- DALI power supply for DALI devices e.g. luminaires
- Electronic overload protection of the DALI power supply by means of power reduction
- Bluetooth® Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

**Function if JUNG HOME mini actuator, JUNG HOME socket, system insert
with JUNG HOME push-button, JUNG HOME motion or presence detector,
or JUNG HOME room thermostat is included in the Bluetooth® Mesh
network (project).**

- Up to 16 time programs
- Time programs with sunrise or sunset (astro timer)
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with mobile device

Ref.-no.
BT P DSTE B2 U
Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Input voltage:	AC 230 V ~
Power consumption:	max. 4 W
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-20 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Cable length	
Binary input:	max. 10 m
DALI bus:	300 m (1.5 mm ²)
Dimensions (W x H x D):	46 x 46 x 20 mm
Installation depth:	18 mm (20 mm in the terminal area)
DALI	
Rated voltage DALI:	typical DC 17 V (128 mA)
Bus current:	128 mA
Short-circuit current:	max. 230 mA
Number of DALI devices:	max. 64
Starting time:	max. 20 s
Colour temperature setting:	2,000 ... 10,000 K
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range in buildings:	approx. 30 m

JUNG HOME Puck binary input 2-gang, 230 V ~



JUNG HOME Puck binary input 2-gang, battery-powered



Intended use

- Connection of devices (e.g. push-buttons, switches or weather sensors) to the binary inputs for triggering scenes, operating electrical loads, polling of statuses, etc.
- Wireless linking with JUNG HOME system devices
- Installation in flush box with dimensions according to DIN 49073
- Ceiling installation in the mini housing built-in adapter, ref.-no.: FM-EBG

Product characteristics

- Commissioning using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Free linking of the 2 binary inputs with JUNG HOME actuators (wireless)
- Multi-coloured status indicator and **Prog** button for commissioning
- Disabling the **Prog** button
- Wind alarm via connection of weather sensors to binary inputs
- Trigger the disabling function using binary inputs, e.g. lock-out protection with shutters and blinds, forced guidance, etc.
- Bluetooth® Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Ref.-no.

BT P B2 U

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Input voltage:	AC 230 V ~
Stand-by power:	max. 0.2 W
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-20 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Cable length	
Binary input:	max. 50 m
Dimensions (W x H x D):	46 x 46 x 20 mm
Installation depth:	18 mm (20 mm in the terminal area)
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m

Intended use

- Connection of devices with floating contact (e.g. push-buttons or switches) to the binary inputs for triggering scenes, operating electrical loads, polling of statuses, etc.
- Wireless linking with JUNG HOME system devices
- Installation in flush box with dimensions according to DIN 49073
- Ceiling installation in the mini housing built-in adapter, ref.-no.: FM-EBG

Product characteristics

- Commissioning using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Inputs freely configurable as 2 independent buttons or as one rocker
- Free linking of the 2 binary inputs with JUNG HOME actuators (wireless)
- Multi-coloured status indicator and **Prog** button for commissioning
- Disabling the **Prog** button
- Battery status notification via LED and app
- Trigger the disabling function using binary inputs, e.g. lock-out protection with shutters and blinds, forced guidance, etc.
- Bluetooth® Mesh for fully encrypted wireless communication
- Can be updated using JUNG HOME app

Ref.-no.

BT P B2 U B

Technical data

Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-20 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Protection class:	III
Length of cable set:	25 cm
Dimensions (W x H x D):	43.3 x 35.9 x 10.2 mm
Installation depth:	10.2 mm
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m
Battery type:	1 x lithium CR 2450 Duracell (recommended) or CR 2450N
Battery life	up to 7 years

Converter sun / wind



for connection of sun sensor ref.-no.: 17 S
for connection of wind sensor ref.-no.: 17 W

Product characteristics

- Adjuster for threshold value "brightness"
- Adjuster for threshold value "wind force"
- Red LED: wind speed exceeded
- Green LED: brightness exceeded
- Integrated power supply for sensors
- Manual operation possible with 2-gang push-button
- Group control with universal blinds insert
- Integration into JUNG HOME via binary inputs

Ref.-no.
17 USW UP

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Power consumption:	0.66 W
Wind	
Measuring range:	10 ... 70 km/h
Switching hysteresis:	25 %
Switch-on delay:	1 ... 15 s (dynamic)
Sun (brightness)	
Measuring range:	20,000 ... 100,000 lx
Switching hysteresis:	40 %
Switch-on delay "sun":	10 min (1 ... 60 min adjustable)
Motor running time:	90 s (1 ... 240 s adjustable)
Relay switching pause:	0.6 s
Relay output:	2 NO contacts, 4 A / 250 V ~
Power supply for sensor:	DC 3.3 V (PELV)
Connection AC	
Connection mode:	screw terminals
single wire:	1 x 0.5 ... 2.5 mm ²
stranded without ferrule:	1 x 0.5 ... 2.5 mm ²
Connection PELV	
Connection mode:	screw terminals
single wire:	1 x 0.25 ... 1.5 mm ²
stranded without ferrule:	1 x 0.25 ... 1.5 mm ²
Dimensions (W x H x D):	43 x 43 x 18.5 mm
Ambient temperature:	-10 ... +45 °C

Converter sun / wind



rail mounting device, 1 rail unit
for connection of sun sensor ref.-no.: 17 S
for connection of wind sensor ref.-no.: 17 W

Product characteristics

- Adjuster for threshold value "brightness"
- Adjuster for threshold value "twilight"
- Adjuster for threshold value "wind force"
- Adjuster for slat adjusting time
- LED "W": wind speed exceeded
- LED "B": brightness exceeded
- LED "D": twilight below threshold
- LED "14": status indication relay output 14 (UP)
- LED "24": status indication relay output 24 (DOWN)
- Integrated power supply for sensors
- Manual operation possible with 2-gang push-button
- Group control with universal blinds insert
- Integration into JUNG HOME via binary inputs

Ref.-no.
17 USW REG

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Power consumption:	0.66 W
Wind	
Measuring range:	10 ... 70 km/h
Switching hysteresis:	25 %
Switch-on delay:	1 ... 15 s (dynamic)
Sun (brightness)	
Measuring range:	20,000 ... 100,000 lx
Switching hysteresis:	40 %
Sun (twilight)	
Measuring range:	1 ... 70 lx
Switching hysteresis:	20 %
Switch-on delay "sun":	10 min (1 ... 60 min adjustable)
Motor running time:	90 s (1 ... 240 s adjustable)
Relay switching pause:	0.6 s
Relay output:	2 floating NO contacts, 10 A / 250 V ~
Slat adjusting time:	OFF or 0.1 ... 1.3 s
Power supply for sensor:	DC 3.3 V (PELV)
Connection	
Connection mode:	screw terminals
single wire:	1 x 0.5 ... 4.0 mm ²
stranded without ferrule:	2 x 0.5 ... 2.5 mm ²
stranded with ferrule:	1 x 0.5 ... 4.0 mm ²
stranded with ferrule:	2 x 0.5 ... 1.5 mm ²
stranded with ferrule:	1 x 0.5 ... 4.0 mm ²
stranded with ferrule:	2 x 0.5 ... 1.5 mm ²
Mounting width:	18 mm (1 rail unit)
Ambient temperature:	-10 ... +45 °C

Converter wind

rail mounting device, 1 rail unit
for connection of wind sensor ref.-no.: 17 W

Product characteristics

- Adjuster for threshold value "wind force"
- Adjuster for switch-on delay
- Adjuster for switch-off delay
- Operating mode switch (2-second pulse or permanent)
- LED "W": wind speed exceeded
- LED "pulse": current wind pulses
- LED "12": status indication relay output 12
- LED "14": status indication relay output 14
- Integrated power supply for sensors
- Group control with universal blinds insert
- Integration into JUNG HOME via binary inputs

Ref.-no.**17 UW REG****Technical data**

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Power consumption:	0.6 W
Wind	
Measuring range:	10 ... 70 km/h
Switching hysteresis:	25 %
Switch-on delay:	1 ... 30 s (dynamic)
Switch-off delay:	6 ... 300 s (adjustable)
Relay output:	1 floating 2-way contact, 10 A / 250 V ~
Power supply for sensor:	DC 3.3 V (PELV)
Connection	
Connection mode:	screw terminals
single wire:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ²
stranded without ferrule:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ²
stranded with ferrule:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 1.5 mm ²
Mounting width:	18 mm (1 rail unit)
Ambient temperature:	-10 ... +45 °C

Converter sun / twilight

rail mounting device, 1 rail unit
for connection of sun sensor ref.-no.: 17 S

Product characteristics

- Adjuster for threshold value "brightness"
- Adjuster for threshold value "twilight"
- Adjuster for switch-on/switch-off delay
- Operating mode switch (2-second pulse or permanent)
- LED "B": brightness exceeded
- LED "D": twilight below threshold
- LED "14": status indication relay output 14 (UP)
- LED "24": status indication relay output 24 (DOWN)
- Automatic slat adjusting time
- Integrated power supply for sensors
- Group control with universal blinds insert
- Integration into JUNG HOME via binary inputs

Ref.-no.**17 USD REG****Technical data**

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Power consumption:	0.6 W
Sun (brightness)	
Measuring range:	20,000 ... 100,000 lx
Switching hysteresis:	40 %
Sun (twilight)	
Measuring range:	1 ... 70 lx
Switching hysteresis:	20 %
Switch-on / switch-off delay:	OFF or 1 ... 15 min
Motor running time:	90 s (1 ... 240 s adjustable)
Relay switching pause:	0.6 s
Relay output:	2 floating NO contacts, 10 A / 250 V ~
Power supply for sensor:	DC 3.3 V (PELV)
Connection	
Connection mode:	screw terminals
single wire:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ²
stranded without ferrule:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ²
stranded with ferrule:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 1.5 mm ²
Mounting width:	18 mm (1 rail unit)
Ambient temperature:	-10 ... +45 °C

Wind sensor

for connection to converter ref.-no.: 17 USW UP,
17 USW REG, 17 UW REG



Product characteristics

- For protection of electrically driven blinds and awnings from storm damage
- Arm can be swivelled ±90°

Ref.-no.

white (similar RAL 9010)

■ 17 W

Technical data

Supply voltage:	DC 3.3 V (PELV)
Sensor type:	reed contact pulse
Recommended cable:	J-Y(St)Y 2 x 2 x 0.8 mm
Cable length:	max. 50 m (with 2 x 0.25 mm ²)
Degree of protection:	IP44
Dimensions:	125 x 85 x 250 mm

Sun sensor

for connection to converter ref.-no.: 17 USW UP,
17 USW REG, 17 USD REG



Product characteristics

- For sun protection and for the automatic control of electrically driven blinds and awnings
- Including mounting material

Ref.-no.

■ 17 S

Technical data

Supply voltage:	DC 3.3 V (PELV)
Sensor type:	phototransistor
Recommended cable:	J-Y(St)Y 2 x 2 x 0.8 mm
Cable length:	max. 50 m (with 2 x 0.25 mm ²)
Cable inlet:	cable gland PG9
Degree of protection:	IP65
Dimensions:	65 x 20 mm

Converter with rain sensor



Product characteristics

- Adjuster for sensitivity
- Operating mode switch (2-second pulse or permanent)
- LED "hold": threshold value exceeded
- Integrated power supply for sensors
- Rain sensor with heated surface
- Including mounting bracket for wall or pole mounting of the sensor
- Group control with universal blinds insert
- Integration into JUNG HOME via binary inputs

Ref.-no.

■ 17 UR

Technical data

Converter

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Power consumption:	1.2 W
Switch-off delay:	30 s
Relay output:	1 floating 2-way contact, 10 A / 250 V ~
Power supply for sensor:	DC 24 V (PELV)
Connection	
Connection mode:	screw terminals
single wire:	1 x 0.5 ... 4.0 mm ²
	2 x 0.5 ... 2.5 mm ²
stranded without ferrule:	1 x 0.5 ... 4.0 mm ²
	2 x 0.5 ... 2.5 mm ²
	1 x 0.5 ... 4.0 mm ²
	2 x 0.5 ... 1.5 mm ²
stranded with ferrule:	18 mm (1 rail unit)
	-10 ... +45 °C
Mounting width:	
Ambient temperature:	

Rain sensor

Supply voltage:	DC 24 V (PELV)
Sensor type:	capacitive
Heating power:	0.6 W
Recommended cable:	J-Y(St)Y 2 x 2 x 0.8 mm
Cable length:	max. 25 m (with 2 x 0.25 mm ²)
Cable inlet:	cable gland PG11
Degree of protection:	IP65
Dimensions:	58 x 34 x 64 mm

Room thermostat (heating/cooling) 230 V (relay)



for covers ref.-no.: .. 1749 ..

Intended use

- Electronic room thermostat for controlling electric heating devices (e.g. electric radiators, infrared heaters or electric/ water-based underfloor heating systems) or valve drives for 230 V ~ (e.g. ref.-no. TSA 230 NC WW)
- Room temperature control in enclosed areas

- Installation in flush box with dimensions according to DIN 49073

Product characteristics

- Manually setting a comfort temperature
- Manually switching off the temperature control
- Temperature limits can be set
- Universal input for activating ECO temperature via central clock or switching to comfort temperature when present, adjustable
- Input for activation of cooling via central control
- Internal temperature sensor
- Frost protection function
- Controller output working method: pulse width modulation (PWM) or two-point
- Offset adjustment (correction value for measured temperature)
- Continuous operation of LED possible

Ref.-no.

RTR 233

Technical data

Rated voltage:	AC 220 ... 240 V ~, 50/60 Hz
Switching current for heating:	16 A
Switching current for cooling:	1 A
Connected load of heater	
Ohmic load:	3680 W
Valve drives normally closed (NC):	1 ... 10
Stand-by power:	max. 0.15 W
Mounting height:	1.50 m
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C
Inputs	
Cable length:	max. 100 m
Regulator class (EU 811/2013):	IV
Contribution to energy efficiency:	2 %
Installation depth:	26 mm
Connection	screw terminals
single wire:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ²
stranded without ferrule:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ²
stranded with ferrule:	1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 1.5 mm ²

Room thermostat insert



with sensor connection
for covers JUNG HOME ref.-no.: BT .. 1791 ..
for covers LB Management ref.-no.: .. 1790 D ..
for covers KNX RF ref.-no.: .. 1091 1ST RF ..,
.. 1092 1ST RF ..

Intended use

- Switching of electric underfloor heating systems and

electrothermal valve drives

- Operation with suitable cover
- Installation in flush box with dimensions according to DIN 49073

Product characteristics

- Pulse width modulation (PWM) or two-point control (on/off)
- External temperature sensor (ref.-no.: FF NTC) can be connected
- External temperature sensors from various manufacturers can be connected (from version V03)
- Input for switching to cooling mode
- Interrupts the heating process after 60 minutes (overheating protection of a heater)

Ref.-no.

1790 RTR

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power depending on the cover:	approx. 0.1 ... 0.5 W
Switching current 230 V AC1:	10 mA ... 16 A
Connected load:	max. 3,600 W
Number of valve drives:	1 ... 10

Rotary dimmer LED



**with 2-way push switch
without claws**

Intended use

- Switching and dimming of lighting with trailing edge phase control
- Operation with suitable cover
- Installation in flush box with dimensions according to

DIN 49073

Product characteristics

- Dimming method: trailing edge phase control
- Switch-on via bulb-preserving soft start
- Minimum brightness can be saved permanently
- Maximum brightness can be saved permanently
- Electronic short-circuit protection
- Electronic over-temperature protection
- Satellite switching possible in combination with 2-way switch

Ref.-no.

1735 DD

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power:	0 W
Power loss:	max. 2 W
Ambient temperature:	0 ... +35 °C
Connected load at 35 °C	
Incandescent lamps:	3 ... 200 W
HV halogen lamps:	3 ... 200 W
HV LED lamps:	typical 3 ... 200 W
Electronic LED ballast with LED lamps:	3 ... 200 W
Reduction of load	
for every 5 °C exceeded 35 °C:	-10 %
for installation into wooden or hollow walls:	-15 %
for installation into multiple combinations:	-20 %
Connection	screw terminals
single wire:	1 x 0.5 ... 2.5 mm ² 2 x 0.5 ... 1.5 mm ² 1 x 0.5 ... 2.5 mm ²
stranded without ferrule:	2 x 0.5 ... 1.5 mm ² 2 x 0.5 ... 1.5 mm ²
stranded with ferrule:	1 x 0.5 ... 2.5 mm ² 2 x 0.5 ... 1.5 mm ²
Total length power cable:	max. 100 m


Claw set



for rotary dimmer ref.-no.: 1735 DD
consists of 20 claws for 10 flush-mounted inserts

Ref.-no.

17 SPK

DALI-2 rotary controller TW 

Power DALI-2 rotary controller TW 



multi-master capable



multi-master capable

Intended use

- Brightness setting for luminaires with DALI interface
- Setting of colour temperature for luminaires with DALI Device Type 8 for tunable white acc. to IEC 62386-209
- Rotary controller (input device) for higher-level DALI-2 controllers
- Installation in flush box with dimensions according to DIN 49073

Intended use

- Brightness setting for luminaires with DALI interface
- Setting of colour temperature for luminaires with DALI Device Type 8 for tunable white acc. to IEC 62386-209
- Rotary controller (input device) for higher-level DALI-2 controllers
- Installation in flush box with dimensions according to DIN 49073

Product characteristics without programming

- Certified DALI-2 control device acc. to IEC 62386-101, 103, 301, 302
- The DALI rotary controller TW takes power from the DALI voltage, which must be supplied by an external DALI power supply in accordance with IEC 62386-101.
- Multi-master capable: several control devices can be installed as application controllers in a DALI system
- LED for device localization
- Saving of basic brightness and switch-on brightness
- Saving of colour temperature limiting values

Product characteristics without programming

- Certified DALI-2 control device acc. to IEC 62386-101, 103, 301, 302
- DALI-2 application controller with integrated bus power supply for up to 26 DALI devices
- Parallel switching of up to 4 power DALI rotary controllers with the option of supplying up to 104 DALI devices
- Multi-master capable: several control devices can be installed as application controllers in a DALI system
- LED for device localization
- DALI power supply, short-circuit proof
- Saving of basic brightness and switch-on brightness
- Saving of colour temperature limiting values

Further product characteristics through programming via DALI-2 control commands

- Suitable as a rotary controller (input device) for connection to central DALI-2 controllers
- Supports four DALI-2 instances for adaptation to central control
- Can be used to control a DALI-2 group
- Cyclical transmission of control commands to DALI operating devices can be activated

Further product characteristics through programming via DALI-2 control commands

- Suitable as a rotary controller (input device) for connection to central DALI-2 controllers
- Supports four DALI-2 instances for adaptation to central control
- Can be used to control a DALI-2 group
- Cyclical transmission of control commands to DALI operating devices can be activated

Ref.-no.
1745 DSTE

Ref.-no.
1746 DSTE

Technical data

(external DALI power supply acc. to IEC 62386-101 required)	
Rated voltage DALI:	DC 16 V (typ.)
Current consumption:	max. 4 mA
Ambient temperature:	-5 ... +45 °C
Colour temperature setting:	2,000 ... 10,000 K

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Power consumption:	max. 2 W
Ambient temperature:	-5 ... +45 °C
Rated voltage DALI:	DC 16 V (typ.)
Permitted bus current:	max. 250 mA
Guaranteed bus current:	52 mA
Short-circuit current:	max. 61 mA
Colour temperature setting:	2,000 ... 10,000 K
Number of DALI devices:	max. 26
Number of active rotary controllers:	max. 4

Power supply for wireless charging



screw fixing only, without claws

Intended use

- Wireless charging station for batteries (rechargeable) of mobile devices with magnetic attachment
- Installation in flush box with dimensions according to DIN 49073

Product characteristics

- Inductive charging according to Qi2 standard
- High charging efficiency is ensured by magnetic alignment with MagSafe
- Charging capacity up to 15 W

Ref.-no.

WC 230-15

Technical data

Rated voltage:	AC 220 ... 230 V ~
Mains frequency:	50/60 Hz
Ambient temperature:	-5 ... +35 °C
Storage/transport temperature:	-20 ... +70 °C
Connection:	screw terminals
Terminals for:	0.25 ... 2.5 mm ²
Output voltage:	DC 9 V
Output current:	2.2 A
Charging capacity:	max. 15 W
Stand-by power:	< 0.1 W

Centre plate for wireless charging

for power supply ref.-no.: WC 230-15



for AS and A ranges

Ref.-no.

Thermoplastic (breakproof) high-gloss

ivory	■	A WC MAG
white	■	A WC MAG WW
black	■	A WC MAG SW

Thermoplastic (breakproof) lacquered

aluminium	■	A WC MAG AL
champagne	■	A WC MAG CH
mocha	■	A WC MAG MO

matt lacquered

matt snow white	■	A WC MAG WWM
matt graphite black	■	A WC MAG SWM
matt anthracite	■	A WC MAG ANM



for LS range

Ref.-no.

Thermoplastic (breakproof) high-gloss

ivory	■	LS WC MAG
white	■	LS WC MAG WW
light grey	■	LS WC MAG LG
black	■	LS WC MAG SW

matt lacquered

matt snow white	■	LS WC MAG WWM
matt graphite black	■	LS WC MAG SWM

Metal versions

aluminium	■	AL WC MAG
stainless steel	■	ES WC MAG
anthracite (aluminium lacquered)	■	AL WC MAG AN
dark (aluminium lacquered)	■	AL WC MAG D
classic brass	■	ME WC MAG C
antique brass	■	ME WC MAG AT

KNX multi station



rail mounting device, 4 rail units

Intended use

- Switching of electrical fan coil units and other electrical loads for AC 110 / 230 V
- Switching and dimming of lighting
- Switching of electrically driven blinds, shutters and awnings
- Switching of electrothermal valve drives
- Room thermostat for controlling the temperature
- Inputs for polling conventional, floating contacts, and transmitting telegrams to the KNX bus
- Signal evaluation of motion detector mini basic (ref.-no.: BM 360 MB WW), condensation (ref.-no.: BTS 01) and leakage sensors (ref.-no.: LES 01)
- Temperature detection via NTC temperature sensor (ref.-no.: FF NTC)
- Outputs for controlling LEDs
- Operation in KNX system
- Mounting on DIN rail according to EN 60715 in distribution box

Product characteristics

- Outputs can be operated manually
- Feedback in manual operation and in bus operation
- Scene function
- Disabling of individual outputs manually or via bus
- Operating hours counter, except blind function
- Switch-off of unnecessary outputs
- Logic functions
- KNX Data Secure compatible with ETS 5.7.7 or ETS 6.3.0 or higher
- Can be updated with the ETS Service App

Fan coil function

- Connection of up to two fan coils with fan levels
- Operating modes for heating, cooling or combined heating/cooling operations
- 2-pipe or 4-pipe operation
- Individual or hierarchical switching of fan levels

Switching function

- Operation as 1-way NO or 1-way NC contacts
- Logic operation and forced guidance
- Feedback function
- Central switching function with collective feedback
- Time functions: switch-on delay, switch-off delay, staircase lighting timer with switch-off warning

Blinds function

- Suitable for 110 / 230 V AC motors
- Blind/shutter position directly controllable
- Slat position directly controllable
- Feedback of movement status, blind/shutter position and slat position
- Forced position through higher-level controller
- Safety function: rain alarm, frost alarm, 3 independent wind alarms
- Sun protection function

Function of valve drives

- Switching operation or PWM operation
- Valve drives with characteristics "normally open" or "normally closed" can be controlled
- Overload-protected, short circuit-protected

HVAC function

- Integrated room temperature control with setpoint specification
- Controller function for heating and cooling
- Protection against jamming valves
- Emergency operation in case of bus voltage failure for summer and winter
- Forced position
- Various setpoints for forced position or emergency operation in case of bus failure for summer or winter
- Cyclical monitoring of the input signals can be parameterised

Dimming function

- Automatic or manual setting of the dimming principle suitable for the load
- No-load protection
- Electronic short-circuit protection
- Electronic over-temperature protection
- Signal in the event of a short-circuit, power failure and overload
- Parameterisable switch-on and dimming behaviour
- Time functions: switch-on delay, switch-off delay, staircase lighting timer with switch-off warning
- Power failure longer than approx. 5 seconds causes the dimming outputs to switch off. Depending on the parameter setting, the connected load is calibrated after voltage return.
- Power extension possible by connecting dimming outputs in parallel

Satellite units

- Connection of floating contacts, such as push-buttons, switches or reed contacts
- Polling with a pulsed current avoids contact contamination (formation of an oxide layer) on the connected contacts
- Operating functions: switching, dimming, blind, scene or room temperature control
- Value transmitter for dimming, colour temperature, RGBW, temperature or brightness values
- Transmitting the current input status after bus voltage failure
- Connection of door or window contacts for evaluation of the open, closed, tilted and handle position statuses
- Connection of motion detector mini basic (ref.-no.: BM 360 MB WW), condensation (ref.-no.: BTS 01), leakage sensors (ref.-no.: LES 01) and external temperature sensor (ref.-no.: FF NTC)
- Pulse counter with main and intermediate meters
- Combination of adjacent input channels when connecting push-button, door or window contact
- Connection of LED e.g. LED lamp, 5 V DC, 2.2 mA (ref.-no. 9605 LED ..)
- Short-circuit proof, overload protected and protected against polarity reversal
- Parallel switching of outputs possible, for electrical loads with higher current requirements

Ref.-no.**2570 M1SR****Technical data**

Rated voltage:	AC 110/230 V ~
Mains frequency:	50/60 Hz
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C
Power loss:	max. 2.4 W
Stand-by power:	max. 0.42 W
Dimming outputs A1 ... A2	
Connected load:	see operating instructions
Electrothermal valve drives:	max. 4 (230 V), 2 (110 V)
Relay outputs A3 ... A8	
Switching voltage:	AC 230 V ~
Switching current:	16 A
AX load:	16 AX
External ballasts:	16 A, 140 µF
Ohmic load:	3680 W
Connected load:	see operating instructions
Satellite units	
Output voltage:	DC 5 V SELV
Output current 1 ... 4:	max. 3.2 mA
Cable length:	max. 30 m
Cable type:	J-Y(St)Y 2 x 2 x 0.8 mm
Mounting width:	72 mm (4 rail units)
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	12 ... 20 mA
Connection, KNX:	connection terminal

KNX multi station universal



rail mounting device, 8 rail units

Intended use

- Switching of electrical fan coil units and other electrical loads for AC 110 / 230 V
- Switching and dimming of lighting
- Switching of electrically driven blinds, shutters and awnings
- Switching of electrothermal valve drives
- Room thermostat for controlling the temperature
- Analogue output signals for controlling devices with a 0-10 V interface used in heating, ventilation and air conditioning technology
- Inputs for polling conventional, floating contacts, and transmitting telegrams to the KNX bus
- Signal evaluation of motion detector mini basic (ref.-no.: BM 360 MB WW), condensation (ref.-no.: BTS 01) and leakage sensors (ref.-no.: LES 01)
- Temperature detection via NTC temperature sensor (ref.-no.: FF NTC)
- Outputs for controlling LEDs
- Operation in KNX system
- Mounting on DIN rail according to EN 60715 in distribution box

Product characteristics

- Outputs can be operated manually
- Feedback in manual operation and in bus operation
- Scene function
- Disabling of individual outputs manually or via bus
- Operating hours counter, except blind function
- Switch-off of unnecessary outputs
- Logic functions
- KNX Data Secure compatible with ETS 5.7.7 or ETS 6.3.0 or higher
- Can be updated with the ETS Service App

Fan coil function

- Connection of up to two fan coils with fan levels or permanently controlled fans
- Operating modes for heating, cooling or combined heating/cooling operations
- 2-pipe or 4-pipe operation
- Individual or hierarchical switching of the fan levels or permanent control of the fan

Switching function

- Operation as 1-way NO or 1-way NC contacts
- Logic operation and forced guidance
- Feedback function
- Central switching function with collective feedback
- Time functions: switch-on delay, switch-off delay, staircase lighting timer with switch-off warning

Blinds function

- Suitable for 110 / 230 V AC motors
- Blind/shutter position directly controllable
- Slat position directly controllable
- Feedback of movement status, blind/shutter position and slat position
- Forced position through higher-level controller
- Safety function: rain alarm, frost alarm, 3 independent wind alarms
- Sun protection function

Function of valve drives

- Switching operation or PWM operation
- Continuous control of valve drives with 0-10 V interface
- Valve drives with characteristics "normally open" or "normally closed" can be controlled

HVAC function

- Integrated room temperature control with setpoint specification
- Controller function for heating and cooling
- Protection against jamming valves
- Emergency operation in case of bus voltage failure for summer and winter
- Forced position
- Various setpoints for forced position or emergency operation in case of bus failure for summer or winter
- Cyclical monitoring of the input signals can be parameterised

Dimming function

- Automatic or manual setting of the dimming principle suitable for the load
- No-load protection
- Electronic short-circuit protection
- Electronic over-temperature protection
- Signal in the event of a short-circuit, power failure and overload
- Parameterisable switch-on and dimming behaviour
- Time functions: switch-on delay, switch-off delay, staircase lighting timer with switch-off warning
- Power failure longer than approx. 5 seconds causes the dimming outputs to switch off. Depending on the parameter setting, the connected load is calibrated after voltage return.
- Power extension possible by connecting dimming outputs in parallel

Analogue outputs 0-10 V

- Connection of 0-10 V control cable of valves or fan motors
- Connection of 0-10 V control cable of thermal valve drives
- Short-circuit proof

Satellite units

- Connection of floating contacts, such as push-buttons, switches or reed contacts
- Polling with a pulsed current avoids contact contamination (formation of an oxide layer) on the connected contacts
- Operating functions: switching, dimming, blind, scene or room temperature control
- Value transmitter for dimming, colour temperature, RGBW, temperature or brightness values
- Transmitting the current input status after bus voltage failure
- Connection of door or window contacts for evaluation of the open, closed, tilted and handle position statuses
- Connection of motion detector mini basic (ref.-no.: BM 360 MB WW), condensation (ref.-no.: BTS 01), leakage sensors (ref.-no.: LES 01) and external temperature sensor (ref.-no.: FF NTC)
- Pulse counter with main and intermediate meters
- Combination of adjacent input channels when connecting push-button, door or window contact
- Connection of LED e.g. LED lamp, 5 V DC, 2.2 mA (ref.-no. 9605 LED ..)
- Short-circuit proof, overload protected and protected against polarity reversal
- Parallel switching of outputs possible, for electrical loads with higher current requirements

Ref.-no.**2590 M1SR****Technical data**

Rated voltage:	AC 110/230 V ~
Mains frequency:	50/60 Hz
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C
Power loss:	max. 14 W
Stand-by power:	max. 0.55 W
Dimming outputs A1 ... A4	
Connected load:	see operating instructions
Electrothermal valve drives:	max. 4 (230 V), 2 (110 V)
Analogue outputs 0-10 V A5 ... A7	
Control voltage:	0 ... 10 V
Current carrying capacity:	10 mA
Relay outputs A8 ... A15	
Switching voltage:	AC 230 V ~
Switching current:	16 A
AX load:	16 AX
External ballasts:	16 A, 140 µF
Current rating Σ A8 ... A15:	Σ 80 A
Neighbouring outputs:	Σ 20 A
Ohmic load:	3680 W
Connected load:	see operating instructions
Relay outputs A16 ... A17	
Switching voltage:	AC 230 V ~
Switching current:	8 A
AX load:	4 AX
External ballasts:	8 A, 96 µF
Current rating Σ A16 ... A17:	Σ 16 A
Ohmic load:	1800 W
Connected load:	see operating instructions
Satellite units	
Output voltage:	DC 5 V SELV
Output current 1 ... 4:	max. 3.2 mA
Cable length:	max. 30 m
Cable type:	J-Y(St)Y 2 x 2 x 0.8 mm
Mounting width:	144 mm (8 rail units)
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	14 ... 24 mA
Connection, KNX:	connection terminal

KNX presence detector mini standard



ETS product family: Physical sensors
Product type: Movement

Intended use

- Operation in KNX system
- Control of lighting, room thermostats and other electrical loads
- Measurement of room temperature
- Ceiling installation in interiors and exteriors
- Clamp mounting in suspended ceilings
- Ceiling installation on fixed ceilings in flush box with dimensions according to DIN 49073 with flush mounting set (ref.-no.: PMM-UP-SET-.)
- Surface-mounted ceiling installation with surface mounting set (ref.-no.: PMM-AP-SET-.)

Product characteristics

- Integrated bus coupling unit
- 1 PIR sensor
- Detection field 360°
- Integrated brightness sensor
- Brightness sensor function with limiting value
- Internal temperature sensor
- Deployed as presence detector, motion detector, or monitoring device
- Output functions: Switching, staircase lighting function, switching with forced position, value transmitter, light scene extension, operating mode setting for room temperature controller
- Detection area extendible by parallel switching of several devices as main unit or extension unit
- Status LED: Flashes during motion detection; depending on programming in normal operation or only during the walking test mode
- 3 function blocks for motion detection each with 2 outputs
- Function blocks switchable, e.g. for day/night operation

Motion detector – lighting

- Motion detection for passageways in buildings
 - Switch on: Motion detection and brightness threshold not reached
 - Switch off: No motion in the detection field and run-on time elapsed
- After reacting and switching on, the motion detection works independently of the brightness.

Presence detector – lighting

- Detection of the smallest motions e.g. at a workplace for detecting the presence of persons
- Switch on: Motion detection and brightness threshold not reached
- Switch off: No motion in the detection field and run-on time elapsed or brightness threshold exceeded

Presence detector – monitoring (monitoring / alarm / signalling mode)

- Brightness-independent detection of motions in the detection field
- Switch on: After detection of an adjustable number of motions within the set monitoring period
- Switch off: No motion in the detection field and run-on time elapsed

Ref.-no.

white	light lens	■ 33700 1S LE
black	dark lense	■ 33700 1S DE

Technical data

Ambient temperature:	-25 ... +55 °C
Storage/transport temperature:	-25 ... +70 °C
Relative humidity:	10 ... 100 % (no condensation)
Protection class:	III
Degree of protection:	IP44
Motion detection	
Detection angle:	360°
Detection range:	depending on the direction of movement
Brightness sensor	
Measuring range:	10 ... 2,000 lx
Accuracy (> 80 lx):	± 20 %
Accuracy (≤ 80 lx):	± 10 lx
Temperature sensor	
Measuring range:	approx. -20 ... +55 °C
Accuracy:	± 1 K
Dimensions	
Dimensions (Ø x H):	53.5 x null mm (with design ring)
Ceiling cut-out (Ø x D):	44 x 38 mm
KNX	
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	4 ... 10 mA
Connection bus:	connection terminal

KNX presence detector mini universal

ETS product family: Physical sensors
Product type: Movement

Intended use

- Operation in KNX system
- Control of lighting, room thermostats and other electrical loads
- Measurement of room temperature
- Measurement of room humidity
- Ceiling installation in interiors and exteriors
- Clamp mounting in suspended ceilings
- Ceiling installation on fixed ceilings in flush box with dimensions according to DIN 49073 with flush mounting set (ref.-no.: PMM-UP-SET-..)
- Surface-mounted ceiling installation with surface mounting set (ref.-no.: PMM-AP-SET-..)

Product characteristics

- Integrated bus coupling unit
- 3 PIR sensors
- PIR sensors can be evaluated separately
- Detection field 360°
- Integrated brightness sensor
- Brightness sensor function with 3 limiting values
- Internal temperature sensor
- Integrated humidity sensor
- Deployed as presence detector, motion detector, or for alert operation
- Output functions: Switching, staircase lighting function, switching with forced position, value transmitter, light scene extension, operating mode setting for room temperature controller
- Extension of the detection area by way of operating several devices as main unit or extension unit
- Status LED: Flashes during motion detection; depending on programming in normal operation or only during the walking test mode
- 5 function blocks for motion detection each with 2 outputs
- Function blocks switchable, e.g. for day/night operation
- Daylight-dependent light control with max. 3 channels, setpoint adjustment during operation, separate configuration of dimming-up, control and dimming-down phase
- Light control can be combined with presence detector function
- Calculation of dew point temperature
- Orientation LED

Motion detector – lighting

- Motion detection for passageways in buildings
 - Switch on: Motion detection and brightness threshold not reached
 - Switch off: No motion in the detection field and run-on time elapsed
- After reacting and switching on, the motion detection works independently of the brightness.

Presence detector – lighting

- Detection of the smallest motions e.g. at a workplace for detecting the presence of persons
- Switch on: Motion detection and brightness threshold not reached
- Switch off: No motion in the detection field and run-on time elapsed or brightness threshold exceeded

Presence detector – monitoring (monitoring / alarm / signalling mode)



- Brightness-independent detection of motions in the detection field
- Switch on: After detection of an adjustable number of motions within the set monitoring period
- Switch off: No motion in the detection field and run-on time elapsed

Ref.-no.

white	light lens	■ 33900 1S LE
black	dark lense	■ 33900 1S DE

Technical data

Ambient temperature:	-25 ... +55 °C
Storage/transport temperature:	-25 ... +70 °C
Relative humidity:	10 ... 100 % (no condensation)
Protection class:	III
Degree of protection:	IP44
Motion detection	
Detection angle:	360°
Detection range:	depending on the direction of movement
Brightness sensor	
Measuring range:	10 ... 2,000 lx
Accuracy (> 80 lx):	± 20 %
Accuracy (≤ 80 lx):	± 10 lx
Temperature sensor	
Measuring range:	approx. -20 ... +55 °C
Accuracy:	± 1 K
Humidity sensor	
Measuring range:	10 ... 95 % relative humidity (r. h.)
Accuracy:	≤ 3.5 %
In the range of 30 ... 80 % and 17 ... 24 °C, the accuracy is ≤ 2.5 %.	
Dimensions	
Dimensions (Ø x H):	53.5 x 38 mm (with design ring)
Ceiling cut-out (Ø x D):	44 x 35 mm
KNX	
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	5 ... 15 mA
Connection bus:	connection terminal

KNX DALI-2 gateway Colour 1-gang  



rail mounting device, 4 rail units

Intended use

- Controlling of luminaires and other applications with DALI operating device in KNX installations e.g. electronic ballast
- Mounting on DIN rail according to EN 60715 in distribution box

Product characteristics

- DALI-2 certified
- Control of up to 64 DALI devices in up to 32 groups
- Setting of colour temperature or light colour (RGB, RGBW) for luminaires with DALI Device Type 8 acc. to IEC 62386-209
- Short-circuit, overload and overvoltage protected
- Operating hours counter
- Automatic colour circle pass or brightness pass
- HCL mode (Human Centric Lighting), automatic daytime colour temperature gradient
- CT (Colour Transition) mode, automatic day colour gradient
- Suitable for operation with DC voltage of emergency lighting systems
- Individual, group or central addressing
- 16 light scenes per DALI system
- Read out DALI device state via KNX, e.g. brightness or luminaire error
- Manual operation of the DALI groups, individual devices or central (broadcast) separately for each DALI system
- Forced guidance of disabling function
- Feedback of switching state and brightness value in bus and manual operation
- Collective feedback
- Central switching and dimming function
- Disabling function for each DALI group or each individual device
- Separate ON and OFF delay
- Staircase lighting timer with switch-off warning
- Online or offline project design of the DALI devices with ETS-DCA
- Standby switch-off of the DALI devices
- Replacement of a single DALI device of the same type, during operation, possible without software
- KNX Data Secure compatible with ETS 5.7.7 or ETS 6.3.0 or higher
- Can be updated with the ETS Service App

As of device version V01 or software version V2.0.8:



- Multi-master capable: DALI-2 sensors can be used as application controllers
- DALI-2 sensors are supported as input devices in instance mode

Ref.-no.

30064 1S DA2 R

Technical data

KNX	
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	4.5 ... 5 mA
Connection, KNX:	connection terminal
Power supply	
Rated voltage:	AC 110 ... 240 V ~, 50/60 Hz
Rated voltage:	DC 110 ... 240 V
Power loss:	max. 3 W
DALI	
Rated voltage DALI:	DC 16 V
Output current per DALI system:	typical 128 mA, max. 250 mA for short periods
Guaranteed bus current per DALI system:	148 mA
Addressable DALI operating devices:	max. 64 per DALI system
Addressable DALI sensors:	max. 32 per DALI system
DALI transmission rate:	1.2 kbit/s
DALI protocol:	EN 62386
Starting time:	max. 20 s
Cable type:	sheathed cable 230 V, e.g. NYM
Cable length DALI	
with 0.5 mm ² :	max. 116 m
with 0.75 mm ² :	max. 174 m
with 1.0 mm ² :	max. 238 m
with 1.5 mm ² :	max. 300 m
Ambient conditions	
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-25 ... +70 °C
Mounting width:	72 mm (4 rail units)
Connection, power supply and DALI	
Connection mode:	screw terminals
single wire:	0.5 ... 4.0 mm ²
stranded without ferrule:	0.5 ... 4.0 mm ²
stranded with ferrule:	0.5 ... 2.5 mm ²

KNX DALI-2 gateway Colour 2-gang  



rail mounting device, 4 rail units

Intended use

- Controlling of luminaires and other applications with DALI operating device in KNX installations e.g. electronic ballast
- Mounting on DIN rail according to EN 60715 in distribution box

Product characteristics

- DALI-2 certified
- Control of max. 2x 64 DALI devices in max. 2x 32 groups
- Setting of colour temperature or light colour (RGB, RGBW) for luminaires with DALI Device Type 8 acc. to IEC 62386-209
- Short-circuit, overload and overvoltage protected
- Operating hours counter
- Automatic colour circle pass or brightness pass
- HCL mode (Human Centric Lighting), automatic daytime colour temperature gradient
- CT (Colour Transition) mode, automatic day colour gradient
- Suitable for operation with DC voltage of emergency lighting systems
- Individual, group or central addressing
- 16 light scenes per DALI system
- Read out DALI device state via KNX, e.g. brightness or luminaire error
- Manual operation of the DALI groups, individual devices or central (broadcast) separately for each DALI system
- Forced guidance of disabling function
- Feedback of switching state and brightness value in bus and manual operation
- Collective feedback
- Central switching and dimming function
- Disabling function for each DALI group or each individual device
- Separate ON and OFF delay
- Staircase lighting timer with switch-off warning
- Online or offline project design of the DALI devices with ETS-DCA
- Standby switch-off of the DALI devices
- Replacement of a single DALI device of the same type, during operation, possible without software
- KNX Data Secure compatible with ETS 5.7.7 or ETS 6.3.0 or higher
- Can be updated with the ETS Service App

As of device version V01 or software version V2.0.8:

- Multi-master capable: DALI-2 sensors can be used as application controllers
- DALI-2 sensors are supported as input devices in instance mode

Ref.-no.

30128 1S DA2 R

Technical data

KNX	
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	4.5 ... 5 mA
Connection, KNX:	connection terminal
Power supply	
Rated voltage:	AC 110 ... 240 V ~, 50/60 Hz
Rated voltage:	DC 110 ... 240 V
Power loss:	max. 3 W
DALI	
Rated voltage DALI:	DC 16 V
Output current per DALI system:	typical 128 mA, max. 250 mA for short periods
Guaranteed bus current per DALI system:	148 mA
Addressable DALI operating devices:	max. 64 per DALI system
Addressable DALI sensors:	max. 32 per DALI system
DALI transmission rate:	1.2 kbit/s
DALI protocol:	EN 62386
Starting time:	max. 20 s
Cable type:	sheathed cable 230 V, e.g. NYM
Cable length DALI	
with 0.5 mm ² :	max. 116 m
with 0.75 mm ² :	max. 174 m
with 1.0 mm ² :	max. 238 m
with 1.5 mm ² :	max. 300 m
Ambient conditions	
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-25 ... +70 °C
Mounting width:	72 mm (4 rail units)
Connection, power supply and DALI	
Connection mode:	screw terminals
single wire:	0.5 ... 4.0 mm ²
stranded without ferrule:	0.5 ... 4.0 mm ²
stranded with ferrule:	0.5 ... 2.5 mm ²

KNX DALI-2 actuator Colour 4-gang



rail mounting device, 4 rail units

Intended use

- Controlling of luminaires and other applications with DALI operating device in KNX installations e.g. electronic ballast
- Mounting on DIN rail according to EN 60715 in distribution box

Product characteristics

- DALI-2 certified
- Multi-master capable: additional sensors can be installed as application controllers in any DALI system
- Control of up to 128 DALI devices in 4 DALI systems
- Broadcast control of each of the four DALI systems
- Setting of colour temperature or light colour (RGB, RGBW) for luminaires with DALI Device Type 8 acc. to IEC 62386-209
- Short-circuit, overload and overvoltage protected
- Operating hours counter
- Automatic colour circle pass or brightness pass
- Suitable for operation with DC voltage of emergency lighting systems
- Manual operation of the DALI systems
- Forced guidance of disabling function
- Collective feedback
- Central switching and dimming function
- Disabling function for each DALI system
- Separate ON and OFF delay for each DALI system
- Staircase lighting timer with switch-off warning
- Standby switch-off of the DALI devices
- KNX Data Secure compatible with ETS 5.7.7 or ETS 6.3.0 or higher
- Can be updated with the ETS Service App

Ref.-no.

30004 1S DA2 R

Technical data

KNX	
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	3 ... 4 mA
Connection, KNX:	connection terminal
Power supply	
Rated voltage:	AC 110 ... 240 V ~, 50/60 Hz
Rated voltage:	DC 110 ... 240 V
Power loss:	max. 3 W
Power consumption:	< 5 W
DALI	
Rated voltage DALI:	DC 15.2 V (typ.)
Output current per DALI system:	typical 64 mA, max. 250 mA for short periods
Guaranteed bus current per DALI system:	80 mA
Number of DALI devices:	max. 40 per DALI system Σ DA1 ... DA4 max. 128
DALI transmission rate:	1.2 kbit/s
DALI protocol:	EN 62386
Starting time:	max. 5 s
Cable type:	sheathed cable 230 V, e.g. NYM
Cable length DALI	
with 0.5 mm ² :	max. 116 m
with 0.75 mm ² :	max. 174 m
with 1.0 mm ² :	max. 238 m
with 1.5 mm ² :	max. 300 m
Ambient conditions	
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-25 ... +70 °C
Mounting width:	72 mm (4 rail units)
Connection, power supply and DALI	
Connection mode:	screw terminals
single wire:	0.5 ... 4.0 mm ²
stranded without ferrule:	0.5 ... 4.0 mm ²
stranded with ferrule:	0.5 ... 2.5 mm ²

KNX air quality sensor



Centre plate fits into frames of the AS and A ranges.
For integration in frames of the LS range use intermediate frame .. 961 Z5 ..

Intended use

- Measurement of CO₂ concentration, relative air humidity, atmospheric pressure and air temperature
- Output of the measured values as telegram to the bus, e.g. for controlling fans or window drives via KNX telegrams
- Single-room temperature control in KNX installations
- Installation in flush box with dimensions according to DIN 49073

Product characteristics

- Limit value monitoring for CO₂ concentration and air humidity
- Dew point alarm e.g. for cooling blankets and conservatories, to avoid mould formation
- Three binary inputs for connection of floating contacts e.g. buttons, switches, window contacts
- Commissioning and support of KNX Data Secure with ETS from version 5.7.4

Ref.-no.

Duroplastic (scratch-proof) glossy

white
black

A 009 1S CO2 WW
A 009 1S CO2 SW

Technical data

KNX medium:	TP 256
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	max. 12.5 mA
Connection, KNX:	connection terminal
Connection cable:	EIB-Y (St)Y 2x2x0.8
Protection class:	III
Binary inputs	
Conductor cross section:	0.2 ... 0.5 mm ²
Analogue outputs	
Conductor cross section:	0.2 ... 0.5 mm ²
Voltage:	0 ... 10 V
Output current:	max. 2 mA
Load resistance:	min. 5 kΩ
Analogue input for external temperature sensor	
Conductor cross section:	0.2 ... 3.3 mm ²
Measuring ranges	
CO ₂ :	425 ... 5000 ppm
Temperature:	0 ... +50 °C
Atmospheric humidity:	0 ... 100 % relative humidity (r. h.)
Atmospheric pressure:	300 ... 1100 hPa
Ambient temperature:	0 ... +50 °C
Storage/transport temperature:	-25 ... +70 °C

LS range
Brushed bronze

1-gang rocker



for switch ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U,
501-20 U, 506-20 U, 507-20 U
for push-button ref.-no.: 531 U, 532 U, 533 U, 533-2 U

Ref.-no.

brushed bronze ■ **BRG 2990**

1-gang rocker with lens



for switch with indicator light ref.-no.: 502 KOU, 503 KOU,
506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU
for push-button ref.-no.: 531 U, 533 U, 533-2 U, 534 U

Ref.-no.

brushed bronze ■ **BRG 2990 KO5**

2-gang rocker



for switch ref.-no.: 505 U, 509 U, 505-20 U, 509-20 U
for push-button ref.-no.: 535 U, 539 U

Ref.-no.

brushed bronze ■ **BRG 2995**

2-gang rocker with lens



for switch ref.-no.: 505 U 5
for switch with indicator light ref.-no.: 505 KOU 5
for push-button ref.-no.: 535 U 5

Ref.-no.

brushed bronze ■ **BRG 2995 KO5**

2-gang rocker with arrow symbols



for blind switch ref.-no.: 509 VU
for blind push-button ref.-no.: 539 VU

Ref.-no.

brushed bronze ■ **BRG 2995 P**

3-gang rocker



for 3-gang switch ref.-no.: 5306 EU

Ref.-no.

brushed bronze ■ **BRG 993**

Centre plate with toggle lever "cylinder"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU,
K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
1 toggle lever
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-0 R 42**

Centre plate with toggle lever "cylinder"



for 1-gang toggle switch
ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button
ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button
ref.-no.: K 531-41 EU
2 x 1 toggle lever
2-gang horizontal

Ref.-no.

brushed bronze ■ **BRG 12-200 R 42**

Centre plate with toggle lever "cylinder"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU,
K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
2 x 1 toggle lever
2-gang vertical

Ref.-no.

brushed bronze ■ **BRG 12-20 R 42**

Centre plate with toggle lever "cylinder", with lens



for 1-gang toggle switch ref.-no.: K 506 KO EU
for 1-gang toggle push-button ref.-no.: K 534 EU
1 toggle lever
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-0 KOR 42**

Centre plate with toggle lever "cylinder"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 toggle levers
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-5 R 42**

Centre plate with toggle lever "cylinder"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 x 2 toggle levers
2-gang horizontal

Ref.-no.

brushed bronze ■ **BRG 12-250 R 42**

Centre plate with toggle lever "cone"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
2 x 1 toggle lever
2-gang horizontal

Ref.-no.

brushed bronze ■ **BRG 12-200 K 42**

Centre plate with toggle lever "cylinder"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 x 2 toggle levers
2-gang vertical

Ref.-no.

brushed bronze ■ **BRG 12-25 R 42**

Centre plate with toggle lever "cone"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
2 x 1 toggle lever
2-gang vertical

Ref.-no.

brushed bronze ■ **BRG 12-20 K 42**

Centre plate with toggle lever "cylinder", with lens



for 2-gang toggle switch ref.-no.: K 505 EU 5
for 2-gang toggle switch with indicator light ref.-no.: K 505 KO EU 5
2 toggle levers
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-5 KOR 42**

Centre plate with toggle lever "cone", with lens



for 1-gang toggle switch ref.-no.: K 506 KO EU
for 1-gang toggle push-button ref.-no.: K 534 EU
1 toggle lever
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-0 KOK 42**

Centre plate with toggle lever "cylinder"



with arrow symbols
for 2-gang toggle blind switch ref.-no.: K 509 VEU
for 2-gang toggle blind push-button ref.-no.: K 539 VEU
2 toggle levers
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-5 PR 42**

Centre plate with toggle lever "cone"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 toggle levers
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-5 K 42**

Centre plate with toggle lever "cone"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
1 toggle lever
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-0 K 42**

Centre plate with toggle lever "cone"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 x 2 toggle levers
2-gang horizontal

Ref.-no.

brushed bronze ■ **BRG 12-250 K 42**

Centre plate with toggle lever "cone"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 x 2 toggle levers
2-gang vertical

Ref.-no.

brushed bronze ■ **BRG 12-25 K 42**

Centre plate with toggle lever "cone", with lens



for 2-gang toggle switch ref.-no.: K 505 EU 5
for 2-gang toggle switch with indicator light ref.-no.: K 505 KO EU 5
2 toggle levers
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-5 KOK 42**

Centre plate with toggle lever "cone"



with arrow symbols
for 2-gang toggle blind switch ref.-no.: K 509 VEU
for 2-gang toggle blind push-button ref.-no.: K 539 VEU
2 toggle levers
1-gang

Ref.-no.

brushed bronze ■ **BRG 12-5 PK 42**

SCHUKO® socket 16 A / 250 V ~



without claws: ref.-no. with additional "N", e.g.: ..1520 N..
with screw terminals: ref.-no. ..1521..
Supporting frame, claws and claw screws are integrated into the earth protection.

Ref.-no.

brushed bronze ■ **BRG 1520**

SCHUKO® socket 16 A / 250 V ~



with screw terminals for rigid and flexible wires up to 2.5 mm²
Supporting frame, claws and claw screws are integrated into the earth protection.

Ref.-no.

brushed bronze ■ **BRG 1521**

SCHUKO® socket 16 A / 250 V ~



screw fixing only, without claws
with screw terminals: ref.-no. ..1521..
Supporting frame is integrated into the earth protection.

Ref.-no.

brushed bronze ■ **BRG 1520 N**

SCHUKO® socket 16 A / 250 V ~



with enhanced contact protection / shutter (Safety Plus)
without claws: ref.-no. with additional "N", e.g.: ..1520 N..
with screw terminals: ref.-no. ..1521..
Supporting frame, claws and claw screws are integrated into the earth protection.

Ref.-no.

brushed bronze ■ **BRG 1520 KI**

SCHUKO® socket 16 A / 250 V ~



with enhanced contact protection / shutter (Safety Plus)
with screw terminals for rigid and flexible wires up to 2.5 mm²
Supporting frame, claws and claw screws are integrated into the earth protection.

Ref.-no.

brushed bronze ■ **BRG 1521 KI**

SCHUKO® socket 16 A / 250 V ~



with enhanced contact protection / shutter (Safety Plus)
screw fixing only, without claws
with screw terminals: ref.-no. ..1521..
Supporting frame is integrated into the earth protection.

Ref.-no.

brushed bronze ■ **BRG 1520 NKI**

SCHUKO® socket 16 A / 250 V ~



with hinged lid (with spring)
with screwless terminals for rigid and untreated flexible wires up to 2.5 mm²

without claws: ref.-no. with additional "N", e.g.: ..1520 N..
Metal versions not suitable for ceiling installation.
with screw terminals: ref.-no. ..1521..
Supporting frame, claws and claw screws are integrated into

the earth protection.

Ref.-no.

brushed bronze ■ **BRG 1520 KL**

SCHUKO® socket 16 A / 250 V ~



with hinged lid (with spring)
with enhanced contact protection / shutter (Safety Plus)
with screwless terminals for rigid and untreated flexible wires up to 2.5 mm²

without claws: ref.-no. with additional "N", e.g.: ..1520 N..
Metal versions not suitable for ceiling installation.
with screw terminals: ref.-no. ..1521..

Supporting frame, claws and claw screws are integrated into the earth protection.

Ref.-no.

brushed bronze ■ **BRG 1520 KIKL**

SCHUKO® socket with USB charger



with enhanced contact protection / shutter (Safety Plus)
with 1 USB port type C
with quick charge function (JUNG Quick Charge®)
depth of flush box (inner dimension): min. 57 mm

Ref.-no.

brushed bronze ■ **BRG 1520-18 C**

SCHUKO® socket with USB charger



with enhanced contact protection / shutter (Safety Plus)
with 1 USB port type A and 1 USB port type C
depth of flush box (inner dimension): min. 57 mm

Ref.-no.

brushed bronze ■ **BRG 1520-15 CA**

JUNG HOME SCHUKO® socket Energy



with enhanced contact protection / shutter (Safety Plus)
with screw terminals for rigid and flexible wires up to 2.5 mm²

Supporting frame, claws and claw screws are integrated into the earth protection.

Ref.-no.

metal colours (thermoplastic lacquered)
brushed bronze ■ **BT BRG 1521 SE-L**

Centre plate



for SCHUKO® socket inserts ref.-no. 1520 EINS, 1520 N EINS, 1521 EINS, 1521 N EINS

Ref.-no.

brushed bronze ■ **BRG 1520 PL**

Centre plate



with enhanced contact protection / shutter (Safety Plus)
for SCHUKO® socket inserts ref.-no. 1520 EINS, 1520 N EINS, 1521 EINS, 1521 N EINS

Ref.-no.

brushed bronze ■ **BRG 1520 KIPL**

Centre plate



for socket insert, French/Belgian system,
ref.-no.: 1520 ..F EINS, 1521 ..F EINS

Ref.-no.

brushed bronze ■ **BRG 1521 F PL-1**

Centre plate



for socket insert, French/Belgian system,
ref.-no.: 1520 ..F EINS, 1521 ..F EINS
with enhanced contact protection / shutter (Safety Plus)

Ref.-no.

brushed bronze ■ **BRG 1521 FKI PL-1**

Centre plate



for electric shaver socket outlet ref.-no.: SO 7522 EINS
The device can be installed into multiple frames of the LS range.

Ref.-no.

brushed bronze ■ **SO BRG 7522 PL**

Centre plate with knob



for rotary dimmer ref.-no.: 1730 DD, 1731 DD, 1735 DD, 211 GDE
for satellite dimmer ref.-no.: 1733 DNE
for rotary controller 1-10 V ref.-no.: 240-10
for DALI rotary controllers ref.-no.: 1740 DSTE, 1741 DSTE, 1745 DSTE, 1746 DSTE
for speed regulator ref.-no.: 1735 DS

Ref.-no.

brushed bronze ■ **BRG 1740**

LS range
Brushed bronze

Centre plate



for room thermostats ref.-no.: RTR 230, RTR 231, RTR 233, RTR 241
for floor thermostat ref.-no.: FTR 231

Ref.-no.

brushed bronze ■ **BRG 1749**

Centre plate with knob and lens



for KNX rotary sensor ref.-no.: DS 4092 TS

Ref.-no.

brushed bronze ■ **BRG 1940 KO5**

JUNG HOME push-button 1-gang



for inserts "blinds" ref.-no.: 1730 JE and 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE

A labelling request in the GRAPHIC TOOL must be submitted together with the order: jung.group/gt
Subsequent labelling of the buttons is not possible.

Ref.-no.

brushed bronze ■ **BT BRG 17101**

JUNG HOME push-button 2-gang



for inserts "blinds" ref.-no.: 1730 JE and 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE

A labelling request in the GRAPHIC TOOL must be submitted together with the order: jung.group/gt
Subsequent labelling of the buttons is not possible.

Ref.-no.

brushed bronze ■ **BT BRG 17102**

LB Management push-button 1-gang



for inserts "blinds" ref.-no.: 1730 JE and 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1720 NE, 1723 NE, 1708 IE

A labelling request in the GRAPHIC TOOL must be submitted together with the order: jung.group/gt
Subsequent labelling of the buttons is not possible.

Ref.-no.

brushed bronze ■ **BRG 1700**

LB Management push-button 2-gang



for inserts "light" ref.-no.: 1702 SE, 1712 DE, 1713 DSTE, 1723 NE

A labelling request in the GRAPHIC TOOL must be submitted together with the order: jung.group/gt
Subsequent labelling of the buttons is not possible.

Ref.-no.

brushed bronze ■ **BRG 1702**

JUNG HOME motion detector 1.1 m



for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE

Ref.-no.

metal colours (thermoplastic lacquered)
brushed bronze ■ **BT BRG 17181**

LB Management motion detector 1.1 m



Run-on time and brightness threshold adjustable
for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

Ref.-no.

metal colours (thermoplastic lacquered)
brushed bronze ■ **BRG 17182**

Cover kit 1-gang



to clip on F 40 push-button modules 1-gang
ref.-no.: LS 4291 1ST, 4091 TSEM, 4071 RF TSM, 4212 TSM, 4008 TSM, FM 4001 M

Ref.-no.

brushed bronze ■ **BRG 2401 TSA**

Cover kit 2-gang



to clip on F 40 push-button modules 2-gang
ref.-no.: LS 4292 1ST, 4092 TSEM, 4072 RF TSM, 4224 TSM, 4008 TSM, FM 4002 M

Ref.-no.

brushed bronze ■ **BRG 2402 TSA**

Cover kit 3-gang



to clip on F 40 push-button modules 3-gang
ref.-no.: LS 4293 1ST, 4093 TSEM, 4073 RF TSM, 4236 TSM, 4008 TSM, FM 4003 M

Ref.-no.

brushed bronze ■ **BRG 2403 TSA**

Cover kit 4-gang



to clip on F 40 push-button modules 4-gang
ref.-no.: LS 4294 1ST, 4094 TSEM, 4074 RF TSM,
4248 TSM, 4008 TSM, FM 4004 M

Ref.-no.

brushed bronze

■ **BRG 2404 TSA**

Cover kit



to clip on room controller display module
ref.-no.: LS 429 D 1ST

Ref.-no.

brushed bronze

■ **BRG 4093 TSA**

Cover kit 1-gang



to clip on F 50 push-button modules 1-gang of the LS range
ref.-no.: LS 5071 TSM, LS 5291 1ST, LS 5091 TSEM,
LS 5071 RF TSM, LS 5212 TSM, FM LS 5001 M

Ref.-no.

brushed bronze

■ **BRG 2501 TSA**

Cover kit 2-gang



to clip on F 50 push-button modules 2-gang of the LS range
ref.-no.: LS 5072 TSM, LS 5292 1ST, LS 5092 TSEM,
LS 5178 TSM, LS 5292 D 1ST, LS 5178 TSEM,
LS 5072 RF TSM, LS 5224 TSM, FM LS 5002 M

Ref.-no.

brushed bronze

■ **BRG 2502 TSA**

Cover kit 3-gang



to clip on F 50 push-button modules 3-gang of the LS range
ref.-no.: LS 5073 TSM, LS 5293 1ST, LS 5093 TSEM,
LS 5073 RF TSM, LS 5236 TSM, FM LS 5003 M,
SI TM LS 5073, SI TM LS 5093

Ref.-no.

brushed bronze

■ **BRG 2503 TSA**

Cover kit 4-gang



to clip on F 50 push-button modules 4-gang of the LS range
ref.-no.: LS 5074 TSM, LS 5294 1ST, LS 5094 TSEM,
LS 5294 D 1ST, LS 5074 RF TSM, LS 5248 TSM,
FM LS 5004 M

Ref.-no.

brushed bronze

■ **BRG 2504 TSA**

Neutral cover



to clip on F 50 push-button modules of the LS range
ref.-no.: LS 507.. TSM, LS 529.. 1ST, LS 509.. TSEM,
LS 5178 TSM, LS 5178 TSEM, LS 52.. TSM
dimensions: 33 x 70.5 mm

Ref.-no.

brushed bronze

■ **BRG 50 NA**

KNX room controller LS TOUCH



with integrated 1-gang frame LS 990
Only install as a single device, not suitable for combinations!

Ref.-no.

brushed bronze

■ **BRG 459 D 1S**

Centre plate



for extended broadband outlet ref.-no.: BSD 21-01,
BSD 21-10
for antenna outlet sockets acc. to DIN 45330

Ref.-no.

brushed bronze

■ **BRG 2990 TV**

Centre plate



for SAT-TV-FM outlets ref.-no.: SSD 5-00, SSD 5-10
for standard SAT-TV-FM sockets

Ref.-no.

brushed bronze

■ **BRG 2990 SAT**

Cable outlet (with strain relief)



(with supporting frame, screw fixing only)
opening for cables with max. 8 mm Ø

Ref.-no.

brushed bronze

■ **BRG 2990 A**

LS range
Brushed bronze

Centre plate



for 1-gang modular jack sockets
IAE/UAE sockets ref.-no.: UAE 8 UPO
for sockets Cat. 6 ref.-no.: UAE 8 UPOK6

Suitable inserts:
Rutenbeck: UAE 8(4) UPO, UAE 8(8) UPO, UAE-Cat.5e-8 UPO OK, UAE-real.Cat.6-8 UPO OK
Telegärtner: AMJ 45, UMJ 45 and ISDN 1 x RJ 45 (TYP 8)

Ref.-no.

brushed bronze ■ **BRG 2969-1 UA**

Centre plate



for 2-gang modular jack sockets
IAE/UAE sockets ref.-no.: UAE 2 x 8 UPO, UAE 8-8 UPO
for sockets Cat. 6 ref.-no.: UAE 8-8 UPOK6

Suitable inserts:
METZ CONNECT (BTR): 1307441001-i or 1307441200-i;
E-Dat design 8/8(8), Class E
Rutenbeck: UAE 8/8 (8/8) UPO, UAE 2x8 (8) UPO,

UAE-Cat.5e-8/8 UPO OK, UAE-real.Cat.6-8/8 UPO OK
Telegärtner: AMJ 45, UMJ 45 and ISDN 2 x RJ 45 (TYP 8/8)

Ref.-no.

brushed bronze ■ **BRG 2969-2 UA**

Centre plate (snap-on fixing)



(with supporting frame, screw fixing only)
shutter with spring
inner dimensions of keystone mount 15,3 x 19,3 mm
for universal modular jack socket ref.-no.: UMA-CAT6A-25
for 1 socket

Ref.-no.

brushed bronze ■ **BRG 1969-1 WE**



for 2 sockets

for modular jack sockets
RADIALL:
modular jack unshielded 6P6C, RJ 12, Cat. 4
(ref.-no. R280MOD804)
modular jack unshielded 8P8C, RJ 45, Cat. 4
(ref.-no. R280MOD805)

modular jack unshielded 8P8C, RJ 45, Cat. 5e (ref.-no. R280MOD807)

Panduit:

keystone jack KJ 88..
keystone jack KJ 588..

Assmann:

module DN-93612 Cat. 6A, shielded, Keystone
module DN-93614

SCHRACK

HSPMRJ6G1A, HSEMRJ6GBA, HSEMRJ6GBS, HSEMRJ6GWA, HSEMRJ6GWS,
HSEMRJ6UWS

Ref.-no.

brushed bronze ■ **BRG 1969-2 WE**

Centre plate (screw fixing)



for stereo loudspeaker socket ref.-no.: SLA 2 WW, SLA 2 AN
for 2-gang supporting frame ref.-no.: UMA MA2-KS2 in connection with universal modular jack
ref.-no.: UMA-CAT6A-25
for USB data interface ref.-no.: 2131 USBS

for **Rutenbeck:** UM-MA 2 Up with UM-real Cat.6a A

for **Dätwyler:** flush-mounted modular jack socket (for 2 x MS-K 1/8 Cat.6a),
ref.-no.: 440 012

Ref.-no.

brushed bronze ■ **BRG 2969 T**

Centre plate (snap-on fixing)



for USB charger ref.-no.: USB 15 CA WW, USB 15 CA SW,
USB PD60 C WW, USB PD60 C SW

Ref.-no.

brushed bronze ■ **BRG 1969 USB**

Blank centre plate (snap-on fixing)



(with supporting frame, screw fixing only)

The cover will be installed with snap-on fixing and enables
individual cuttings or drilling holes.

Ref.-no.

brushed bronze ■ **BRG 2994 B**

Hinged lid with spring



for sockets and devices with 50 x 50 mm centre plate
Metal versions not suitable for ceiling installation.

Ref.-no.

brushed bronze ■ **BRG 2990 KL**

Frame



for horizontal and vertical installation

Ref.-no.

brushed bronze		
1-gang	81 mm x 81 mm	BRG 2981
2-gang	81 mm x 152 mm	BRG 2982
3-gang	81 mm x 223 mm	BRG 2983
4-gang	81 mm x 294 mm	BRG 2984
5-gang	81 mm x 365 mm	BRG 2985

Frame LS ZERO



for the installation of devices and covers of the LS range into
the plastering frame ref.-no.: PA 98..
for horizontal and vertical installation

Ref.-no.

Thermoplastic (breakproof) lacquered brushed bronze		
1-gang	81 mm x 81 mm	LSZ BRG 981 BF
2-gang	81 mm x 152 mm	LSZ BRG 982 BF
3-gang	81 mm x 223 mm	LSZ BRG 983 BF

Centre plate with toggle lever "cylinder"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
1 toggle lever
1-gang

Ref.-no.

antique brass ■ **ME 12-0 AT R 26**

Centre plate with toggle lever "cylinder"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
2 x 1 toggle lever
2-gang horizontal

Ref.-no.

antique brass ■ **ME 12-200 AT R 26**

Centre plate with toggle lever "cylinder"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
2 x 1 toggle lever
2-gang vertical

Ref.-no.

antique brass ■ **ME 12-20 AT R 26**

Centre plate with toggle lever "cylinder", with lens



for 1-gang toggle switch ref.-no.: K 506 KO EU
for 1-gang toggle push-button ref.-no.: K 534 EU
1 toggle lever
1-gang

Ref.-no.

matt snow white (aluminium lacquered) ■ **AL 12-0 KO WWM R 07**
matt graphite black (aluminium lacquered) ■ **AL 12-0 KO SWM R 08**
antique brass ■ **ME 12-0 KO AT R 26**

Centre plate with toggle lever "cylinder"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 toggle levers
1-gang

Ref.-no.

antique brass ■ **ME 12-5 AT R 26**

Centre plate with toggle lever "cylinder"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 x 2 toggle levers
2-gang horizontal

Ref.-no.

antique brass ■ **ME 12-250 AT R 26**

Centre plate with toggle lever "cylinder"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 x 2 toggle levers
2-gang vertical

Ref.-no.

antique brass ■ **ME 12-25 AT R 26**

Centre plate with toggle lever "cylinder", with lens



for 2-gang toggle switch ref.-no.: K 505 EU 5
for 2-gang toggle switch with indicator light ref.-no.: K 505 KO EU 5
2 toggle levers
1-gang

Ref.-no.

matt snow white (aluminium lacquered) ■ **AL 12-5 KO WWM R 07**
matt graphite black (aluminium lacquered) ■ **AL 12-5 KO SWM R 08**
antique brass ■ **ME 12-5 KO AT R 26**

Centre plate with toggle lever "cylinder"



with arrow symbols
for 2-gang toggle blind switch ref.-no.: K 509 VEU
for 2-gang toggle blind push-button ref.-no.: K 539 VEU
2 toggle levers
1-gang

Ref.-no.

matt snow white (aluminium lacquered) ■ **AL 12-5 P WWM R 07**
matt graphite black (aluminium lacquered) ■ **AL 12-5 P SWM R 08**
antique brass ■ **ME 12-5 P AT R 26**

Centre plate with toggle lever "cone"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
1 toggle lever
1-gang

Ref.-no.

antique brass ■ **ME 12-0 AT K 26**

Centre plate with toggle lever "cone"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
2 x 1 toggle lever
2-gang horizontal

Ref.-no.

antique brass ■ **ME 12-200 AT K 26**

Centre plate with toggle lever "cone"



for 1-gang toggle switch ref.-no.: K 501 EU, K 506 EU, K 507 EU
for 1-gang toggle push-button ref.-no.: K 531 EU, K 533 EU
for toggle multi push-button ref.-no.: K 531-41 EU
2 x 1 toggle lever
2-gang vertical

Ref.-no.

antique brass ■ **ME 12-20 AT K 26**

Centre plate with toggle lever "cone", with lens



for 1-gang toggle switch ref.-no.: K 506 KO EU
for 1-gang toggle push-button ref.-no.: K 534 EU
1 toggle lever
1-gang

Ref.-no.

matt snow white (aluminium lacquered) ■ **AL 12-0 KO WWM K 07**
matt graphite black (aluminium lacquered) ■ **AL 12-0 KO SWM K 08**
antique brass ■ **ME 12-0 KO AT K 26**

Centre plate with toggle lever "cone"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 toggle levers
1-gang

Ref.-no.

antique brass ■ **ME 12-5 AT K 26**

Centre plate with toggle lever "cone"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 x 2 toggle levers
2-gang horizontal

Ref.-no.

antique brass ■ **ME 12-250 AT K 26**

Centre plate with toggle lever "cone"



for 2-gang toggle switch ref.-no.: K 505 EU, K 509 EU
for 2-gang toggle push-button ref.-no.: K 535 EU
for toggle multi push-button ref.-no.: K 532-4 EU
2 x 2 toggle levers
2-gang vertical

Ref.-no.

antique brass ■ **ME 12-25 AT K 26**

Centre plate with toggle lever "cone", with lens



for 2-gang toggle switch ref.-no.: K 505 EU 5
for 2-gang toggle switch with indicator light ref.-no.: K 505 KO EU 5
2 toggle levers
1-gang

Ref.-no.

matt snow white (aluminium lacquered) ■ **AL 12-5 KO WWM K 07**
matt graphite black (aluminium lacquered) ■ **AL 12-5 KO SWM K 08**
antique brass ■ **ME 12-5 KO AT K 26**

Centre plate with toggle lever "cone"



with arrow symbols
for 2-gang toggle blind switch ref.-no.: K 509 VEU
for 2-gang toggle blind push-button ref.-no.: K 539 VEU
2 toggle levers
1-gang

Ref.-no.

matt snow white (aluminium lacquered) ■ **AL 12-5 P WWM K 07**
matt graphite black (aluminium lacquered) ■ **AL 12-5 P SWM K 08**
antique brass ■ **ME 12-5 P AT K 26**

Frame



**with inscription field 9 x 55 mm
for A range**
1-gang frames also suitable for British Standard installations
(supporting frame 80 x 80)

Spare part:
Transparent cover with paper inlay ref.-no.: AC 81 NA

If possible, combine only with centre plates made of thermoplastic (breakproof, high-gloss).

		Ref.-no.
Thermoplastic (breakproof) high-gloss white		
1-gang	85 mm x 85 mm	A 5581 BF NA WW
Thermoplastic (breakproof) high-gloss black		
1-gang	85 mm x 85 mm	A 5581 BF NA SW

		Ref.-no.
Thermoplastic (breakproof) lacquered matt snow white		
1-gang	85 mm x 85 mm	A 5581 BF NA WWM
Thermoplastic (breakproof) lacquered matt graphite black		
1-gang	85 mm x 85 mm	A 5581 BF NA SWM
Thermoplastic (breakproof) lacquered matt anthracite		
1-gang	85 mm x 85 mm	A 5581 BF NA ANM

Frame



**with inscription field 9 x 55 mm
for vertical installation
for A range**

Spare part:
Transparent cover with paper inlay ref.-no.: AC 81 NA

If possible, combine only with centre plates made of thermoplastic (breakproof, high-gloss).

		Ref.-no.
Thermoplastic (breakproof) high-gloss white		
2-gang	85 mm x 156 mm	A 5582 BF NA WW
3-gang	85 mm x 227 mm	A 5583 BF NA WW
4-gang	85 mm x 298 mm	A 5584 BF NA WW
5-gang	85 mm x 369 mm	A 5585 BF NA WW
Thermoplastic (breakproof) high-gloss black		
2-gang	85 mm x 156 mm	A 5582 BF NA SW
3-gang	85 mm x 227 mm	A 5583 BF NA SW
4-gang	85 mm x 298 mm	A 5584 BF NA SW
5-gang	85 mm x 369 mm	A 5585 BF NA SW

Ref.-no.

Thermoplastic (breakproof) lacquered matt snow white		
2-gang	85 mm x 156 mm	A 5582 BF NA WWM
3-gang	85 mm x 227 mm	A 5583 BF NA WWM
4-gang	85 mm x 298 mm	A 5584 BF NA WWM
5-gang	85 mm x 369 mm	A 5585 BF NA WWM
Thermoplastic (breakproof) lacquered matt graphite black		
2-gang	85 mm x 156 mm	A 5582 BF NA SWM
3-gang	85 mm x 227 mm	A 5583 BF NA SWM
4-gang	85 mm x 298 mm	A 5584 BF NA SWM
5-gang	85 mm x 369 mm	A 5585 BF NA SWM
Thermoplastic (breakproof) lacquered matt anthracite		
2-gang	85 mm x 156 mm	A 5582 BF NA ANM
3-gang	85 mm x 227 mm	A 5583 BF NA ANM
4-gang	85 mm x 298 mm	A 5584 BF NA ANM
5-gang	85 mm x 369 mm	A 5585 BF NA ANM

Frame



**with inscription field 9 x 55 mm
for horizontal installation
for A range**

Spare part:
Transparent cover with paper inlay ref.-no.: AC 81 NA

If possible, combine only with centre plates made of thermoplastic (breakproof, high-gloss).

		Ref.-no.
Thermoplastic (breakproof) high-gloss white		
2-gang	85 mm x 156 mm	A 55820 BF NA WW
3-gang	85 mm x 227 mm	A 55830 BF NA WW
4-gang	85 mm x 298 mm	A 55840 BF NA WW
5-gang	85 mm x 369 mm	A 55850 BF NA WW
Thermoplastic (breakproof) high-gloss black		
2-gang	85 mm x 156 mm	A 55820 BF NA SW
3-gang	85 mm x 227 mm	A 55830 BF NA SW
4-gang	85 mm x 298 mm	A 55840 BF NA SW
5-gang	85 mm x 369 mm	A 55850 BF NA SW

		Ref.-no.
Thermoplastic (breakproof) lacquered matt snow white		
2-gang	85 mm x 156 mm	A 55820 BF NA WWM
3-gang	85 mm x 227 mm	A 55830 BF NA WWM
4-gang	85 mm x 298 mm	A 55840 BF NA WWM
5-gang	85 mm x 369 mm	A 55850 BF NA WWM
Thermoplastic (breakproof) lacquered matt graphite black		
2-gang	85 mm x 156 mm	A 55820 BF NA SWM
3-gang	85 mm x 227 mm	A 55830 BF NA SWM
4-gang	85 mm x 298 mm	A 55840 BF NA SWM
5-gang	85 mm x 369 mm	A 55850 BF NA SWM
Thermoplastic (breakproof) lacquered matt anthracite		
2-gang	85 mm x 156 mm	A 55820 BF NA ANM
3-gang	85 mm x 227 mm	A 55830 BF NA ANM
4-gang	85 mm x 298 mm	A 55840 BF NA ANM
5-gang	85 mm x 369 mm	A 55850 BF NA ANM

Socket insert, British Standard, type G



13 A, 250 V ~, 2-pole + earth
with enhanced contact protection (shutter)
with screw terminals for rigid and flexible wires up to 4 mm²

Available 4th quarter 2026

Ref.-no.
521 G

Centre plate

for socket insert, British Standard, type G, ref. no.: 521 G

Available 4th quarter 2026



for A range

Ref.-no.

Thermoplastic (breakproof) high-gloss

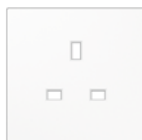
white ■■ A 521 G WW PL
black ■■ A 521 G SW PL

Thermoplastic (breakproof) lacquered

aluminium ■■ A 521 G AL PL
champagne ■ A 521 G CH PL
mocha ■ A 521 G MO PL

matt lacquered

matt snow white ■ A 521 G WWM PL
matt graphite black ■ A 521 G SWM PL
matt anthracite ■ A 521 G ANM PL



for LS range

Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ LS 521 G WW PL
black ■■ LS 521 G SW PL

matt lacquered

matt snow white ■ LS 521 G WWM PL
matt graphite black ■ LS 521 G SWM PL

Metal versions

aluminium ■■ AL 2521 G PL
stainless steel ■■ ES 2521 G PL
anthracite (aluminium lacquered) ■■ AL 2521 G AN PL
dark (aluminium lacquered) ■■ AL 2521 G D PL
classic brass ■ ME 2521 G C PL
antique brass ■ ME 2521 G AT PL
brushed bronze ■ BRG 2521 G PL

Hinged lid

for socket insert, British Standard, type G, ref. no.: 521 G
including centre plate

Available 4th quarter 2026



for A range

Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ A 521 G WW KL
black ■■ A 521 G SW KL

Thermoplastic (breakproof) lacquered

aluminium ■■ A 521 G AL KL
champagne ■ A 521 G CH KL
mocha ■ A 521 G MO KL

matt lacquered

matt snow white ■ A 521 G WWM KL
matt graphite black ■ A 521 G SWM KL
matt anthracite ■ A 521 G ANM KL



for LS range

Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ LS 521 G WW KL
black ■■ LS 521 G SW KL

matt lacquered

matt snow white ■ LS 521 G WWM KL
matt graphite black ■ LS 521 G SWM KL

Metal versions

aluminium ■■ AL 2521 G KL
stainless steel ■■ ES 2521 G KL
anthracite (aluminium lacquered) ■■ AL 2521 G AN KL
dark (aluminium lacquered) ■■ AL 2521 G D KL
classic brass ■ ME 2521 G C KL
antique brass ■ ME 2521 G AT KL
brushed bronze ■ BRG 2521 G KL

Switched socket insert, British Standard, type G

13 A, 250 V ~, 2-pole + earth
with switch
with enhanced contact protection (shutter)
with screw terminals for rigid and flexible wires up to 4 mm²

Available 4th quarter 2026

Ref.-no.
571 G

Centre plate

for switched socket insert, British Standard, type G, ref. no.: 571 G

Available 4th quarter 2026

for A range

Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ A 571 G WW PL
black ■■ A 571 G SW PL

Thermoplastic (breakproof) lacquered

aluminium ■■ A 571 G AL PL
champagne ■ A 571 G CH PL
mocha ■ A 571 G MO PL

matt lacquered

matt snow white ■ A 571 G WWM PL
matt graphite black ■ A 571 G SWM PL
matt anthracite ■ A 571 G ANM PL



for LS range

Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ LS 571 G WW PL
black ■■ LS 571 G SW PL

matt lacquered

matt snow white ■ LS 571 G WWM PL
matt graphite black ■ LS 571 G SWM PL

Metal versions

aluminium ■■ AL 2571 G PL
stainless steel ■■ ES 2571 G PL
anthracite (aluminium lacquered) ■■ AL 2571 G AN PL
dark (aluminium lacquered) ■■ AL 2571 G D PL
classic brass ■ ME 2571 G C PL
antique brass ■ ME 2571 G AT PL
brushed bronze ■ BRG 2571 G PL

Switched socket insert, British Standard, type G

13 A, 250 V ~, 2-pole + earth
with switch and indicator light
with enhanced contact protection (shutter)
with screw terminals for rigid and flexible wires up to 4 mm²

Available 4th quarter 2026

Ref.-no.
571 G-KO

Centre plate

for switched socket insert, British Standard, type G, ref. no.: 571 G-KO

Available 4th quarter 2026

for A range

Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ A 571 G-KO WW PL
black ■■ A 571 G-KO SW PL

Thermoplastic (breakproof) lacquered

aluminium ■■ A 571 G-KO AL PL
champagne ■ A 571 G-KO CH PL
mocha ■ A 571 G-KO MO PL

matt lacquered

matt snow white ■ A 571 G-KO WWM PL
matt graphite black ■ A 571 G-KO SWM PL
matt anthracite ■ A 571 G-KO ANM PL



for LS range

Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ LS 571 G-KO WW PL
black ■■ LS 571 G-KO SW PL

matt lacquered

matt snow white ■ LS 571 G-KO WWM PL
matt graphite black ■ LS 571 G-KO SWM PL

Metal versions

aluminium ■■ AL 2571 G-KO PL
stainless steel ■■ ES 2571 G-KO PL
anthracite (aluminium lacquered) ■■ AL 2571 G-KO AN PL
dark (aluminium lacquered) ■■ AL 2571 G-KO D PL
classic brass ■ ME 2571 G-KO C PL
antique brass ■ ME 2571 G-KO AT PL
brushed bronze ■ BRG 2571 G-KO PL

Socket insert, British Standard, type G, with USB charger



13 A, 250 V ~, 2-pole + earth
with enhanced contact protection (shutter)
with 2 USB ports, type C
charging current (total): max. 3 A
charging power (total): max. 20 W
stand-by power: < 0.1 W
with screw terminals for rigid and flexible wires up to 4 mm²

Available 4th quarter 2026

Ref.-no.

521 G-CC20

Centre plate

for socket insert, British Standard, type G, ref. no.: 521 G-CC20

Available 4th quarter 2026

for A range



Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ A 521 G-CC 20 WW PL
black ■■ A 521 G-CC 20 SW PL

Thermoplastic (breakproof) lacquered

aluminium ■■ A 521 G-CC 20 AL PL
champagne ■ A 521 G-CC 20 CH PL
mocha ■ A 521 G-CC 20 MO PL

matt lacquered

matt snow white ■ A 521 G-CC 20 WWM PL
matt graphite black ■ A 521 G-CC 20 SWM PL
matt anthracite ■ A 521 G-CC 20 ANM PL



for LS range

Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ LS 521 G-CC 20 WW PL
black ■■ LS 521 G-CC 20 SW PL

matt lacquered

matt snow white ■ LS 521 G-CC 20 WWM PL
matt graphite black ■ LS 521 G-CC 20 SWM PL

Metal versions

aluminium ■■ AL 2521 G-CC 20 PL
stainless steel ■■ ES 2521 G-CC 20 PL
anthracite (aluminium lacquered) ■■ AL 2521 G-CC 20 AN PL
dark (aluminium lacquered) ■■ AL 2521 G-CC 20 DPL
classic brass ■ ME 2521 G-CC 20 C PL
antique brass ■ ME 2521 G-CC 20 AT PL
brushed bronze ■ BRG 2521 G-CC 20 PL

Socket insert, US NEMA system, type B



15 A, 125 V ~, 5-15R, 2-pole + earth
(with supporting frame, screw fixing only)
with screw terminals for rigid and flexible wires up to 4 mm²
acc. to US-NEMA

Available 4th quarter 2026

Ref.-no.

plug socket white ■■ 521 B-15 WW
plug socket black ■■ 521 B-15 SW

Socket insert, US NEMA system, type B



20 A, 125 V ~, 5-20R, 2-pole + earth
(with supporting frame, screw fixing only)
with screw terminals for rigid and flexible wires up to 4 mm²
acc. to US-NEMA

Available 4th quarter 2026

Ref.-no.

plug socket white ■■ 521 B-20 WW
plug socket black ■■ 521 B-20 SW

Centre plate

for socket insert, US NEMA system, type B, ref.-no.: 521 B-15 ..., 521 B-20 ..

Available 4th quarter 2026

for A range



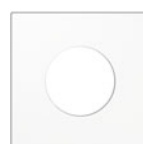
Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ A 521 B WW PL
black ■■ A 521 B SW PL

Thermoplastic (breakproof) lacquered

aluminium ■■ A 521 B AL PL
matt lacquered
matt snow white ■ A 521 B WWM PL
matt graphite black ■ A 521 B SWM PL
matt anthracite ■ A 521 B ANM PL



for LS range

Ref.-no.

Thermoplastic (breakproof) high-gloss

white ■■ LS 521 B WW PL
black ■■ LS 521 B SW PL

matt lacquered

matt snow white ■ LS 521 B WWM PL
matt graphite black ■ LS 521 B SWM PL

Metal versions

aluminium ■■ AL 2521 B PL
stainless steel ■■ ES 2521 B PL
anthracite (aluminium lacquered) ■■ AL 2521 B AN PL
dark (aluminium lacquered) ■■ AL 2521 B D PL
classic brass ■ ME 2521 B C PL
antique brass ■ ME 2521 B AT PL

Socket, US NEMA system, type B

15 A, 125 V ~, 5-15R, 2-pole + earth
with screw terminals for rigid and flexible wires up to 4 mm² acc. to US-NEMA

Available 4th quarter 2026



for AS and A ranges

		Ref.-no.
Thermoplastic (breakproof) high-gloss		
ivory	■ ■	A 521 B-15
white	■ ■	A 521 B-15 WW
black	■ ■	A 521 B-15 SW
Thermoplastic (breakproof) lacquered		
aluminium plug socket	■ ■	A 521 B-15 AL
black		
matt lacquered		
matt snow white	■	A 521 B-15 WWM
matt graphite black	■	A 521 B-15 SWM
matt anthracite	■	A 521 B-15 ANM

Socket, US NEMA system, type B

20 A, 125 V ~, 5-20R, 2-pole + earth
with screw terminals for rigid and flexible wires up to 4 mm² acc. to US-NEMA

Available 4th quarter 2026



for AS and A ranges

		Ref.-no.
Thermoplastic (breakproof) high-gloss		
ivory	■ ■	A 521 B-20
white	■ ■	A 521 B-20 WW
black	■ ■	A 521 B-20 SW
Thermoplastic (breakproof) lacquered		
aluminium plug socket	■ ■	A 521 B-20 AL
black		
matt lacquered		
matt snow white	■	A 521 B-20 WWM
matt graphite black	■	A 521 B-20 SWM
matt anthracite	■	A 521 B-20 ANM



for CD range

		Ref.-no.
Thermoplastic (breakproof) high-gloss		
ivory	■ ■	CD 521 B-15
white	■ ■	CD 521 B-15 WW



for CD range

		Ref.-no.
Thermoplastic (breakproof) high-gloss		
ivory	■ ■	CD 521 B-20
white	■ ■	CD 521 B-20 WW



for LS range

		Ref.-no.
Thermoplastic (breakproof) high-gloss		
white	■ ■	LS 521 B-15 WW
black	■ ■	LS 521 B-15 SW
matt lacquered		
matt snow white	■	LS 521 B-15 WWM
matt graphite black	■	LS 521 B-15 SWM
Metal versions		
aluminium plug socket	■ ■	AL 2521 B-15
black		
stainless steel plug socket	■ ■	ES 2521 B-15
black		
anthracite plug socket	■ ■	AL 2521 B-15 AN
(aluminium black lacquered)		
dark plug socket	■ ■	AL 2521 B-15 D
(aluminium black lacquered)		
classic brass plug socket	■	ME 2521 B-15 C
black		
antique brass plug socket	■	ME 2521 B-15 AT
black		



for LS range

		Ref.-no.
Thermoplastic (breakproof) high-gloss		
white	■ ■	LS 521 B-20 WW
black	■ ■	LS 521 B-20 SW
matt lacquered		
matt snow white	■	LS 521 B-20 WWM
matt graphite black	■	LS 521 B-20 SWM
Metal versions		
aluminium plug socket	■ ■	AL 2521 B-20
black		
stainless steel plug socket	■ ■	ES 2521 B-20
black		
anthracite plug socket	■ ■	AL 2521 B-20 AN
(aluminium black lacquered)		
dark plug socket	■ ■	AL 2521 B-20 D
(aluminium black lacquered)		
classic brass plug socket	■	ME 2521 B-20 C
black		
antique brass plug socket	■	ME 2521 B-20 AT
black		

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