

## Healthcare



20





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Ernst Paris

Company founder Albrecht Jung

## Progress as tradition

As a pioneer of his time, Albrecht Jung created the basis for the JUNG success story with the founding of the company in 1912 and the development of his pull switch with 1/8 rotation. The original motivation remains the driving force for all products to this day: JUNG develops and produces timelessly designed products and future-oriented solutions with pioneering spirit. As a premium supplier of modern building technology, the portfolio of the traditional medium-sized company includes switches, sockets, dimmers, observers and systems for controlling functions.

Convenient regulation of lighting, temperature and shutters, music in every room, timeless switch design, intelligent security systems or the smart control of the entire technology via touchscreen — JUNG stands for a skilful interplay between design requirements and innovation.

### WE ARE JUNG:

**1912** Medium-sized third generation family company



"Made in Germany" for more than 100 years

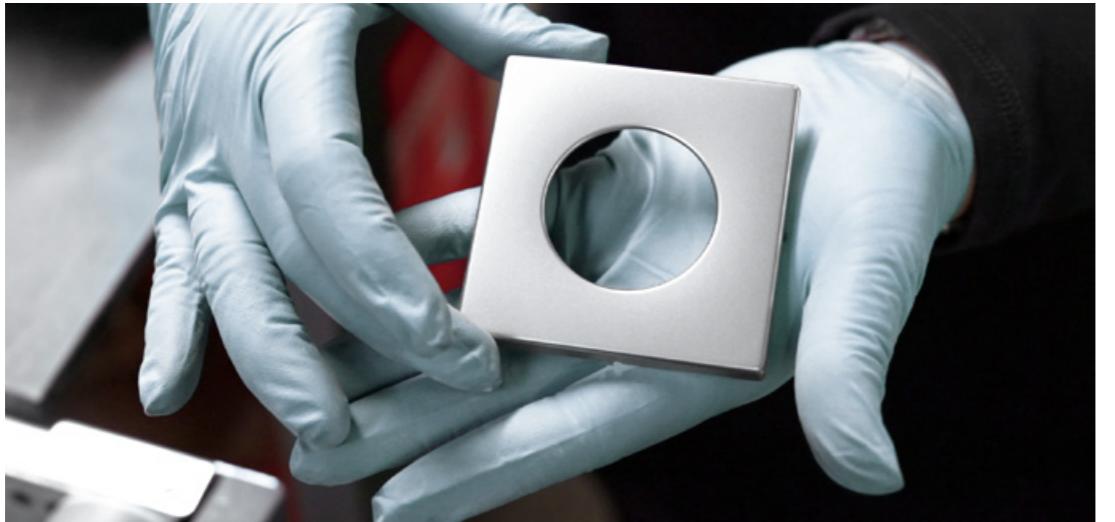


Around 1,200 employees



18 subsidiaries and over 67 agencies worldwide

## Products “Made in Germany” – manufactured with precision



JUNG products are manufactured at the two company sites in Schalksmühle and Lünen. For this, JUNG received the certificate “Made in Germany” from TÜV Nord in 2011. With deep roots in the region and a constant employer for many decades, today customers throughout the world rely on the continuing high quality. At the same time, JUNG is aware of its high responsibility for sustainable and

energy-efficient production. JUNG has proven its specialist know-how in metalworking for decades. The company provides its switch designs in genuine metal. Matt finished or lacquered aluminium, stainless steel blasted with glass beads, brushed brass, chrome-plated metal or with almost 24 carat gold plating – JUNG produces precision switches down to the last detail every day.





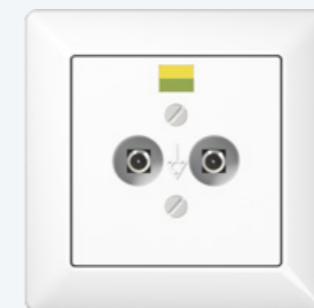
## Installations for the health sector

Safety and comfort for the patients, optimum working conditions for doctors, care staff and administration – everything while adhering to the particular demands and regulations in the health sector. Rely on the professional JUNG Healthcare installations for hospital, practices and nursing homes.



## Connectivity at the hospital bed

### POTENTIAL EQUALISATION



Potential equalisation socket in the AS 500 design in white.

### CHILD PROTECTION



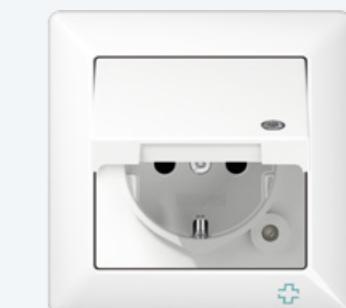
SCHUKO® socket with inscription field and child protection in the AS 500 design in white.

### FUNCTION DISPLAY



SCHUKO® socket with function display and inscription field in the antibacterial AS 500 design in white.

### HINGED LID



SCHUKO® socket with hinged lid and function display in the antibacterial AS 500 design in white.

Care staff and doctors require reliable connection possibilities close to the patients. The potential equalisation socket meeting DIN 42801 for conductors up to 6 mm<sup>2</sup> offers the secure connection of medical devices at the hospital bed. Spray-proof labelling areas provide for identification of connections that

can be easily read. So that the technology is always provided with power without problems, JUNG offers sockets with power indicators: they signal proper function. The hinged lid provides additional protection. Practical: the function display also reliably indicates the function with the lid closed.



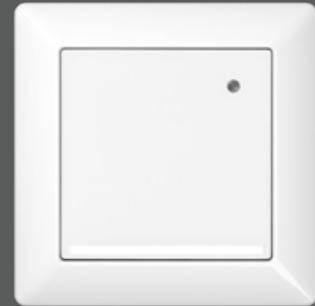
## Orientation with system

SCHUKO SOCKET WITH LED ORIENTATION LIGHT



and integrated brightness sensor in the AS 500 design in white.

LED FLOOR PILOT LIGHT



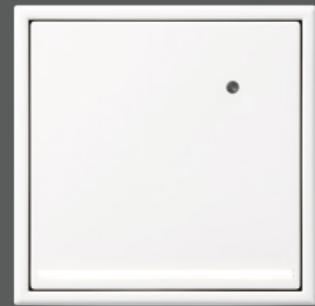
with integrated brightness sensor in the AS 500 design in white.

SCHUKO SOCKET WITH LED ORIENTATION LIGHT



and integrated brightness sensor in the LS 990 design in white.

LED FLOOR PILOT LIGHT



and integrated brightness sensor in the LS 990 design in white.

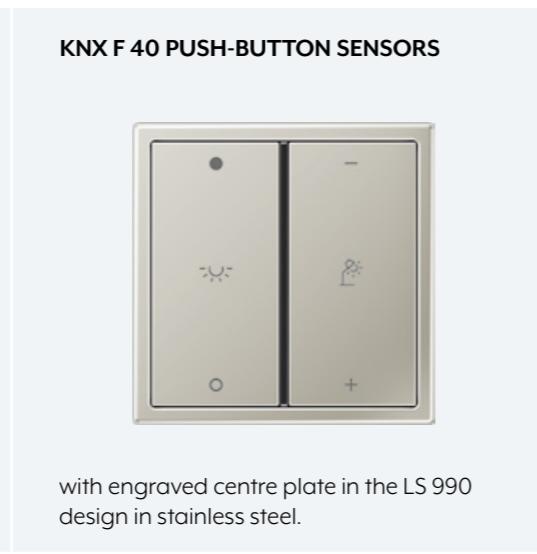
In the unoccupied environment of hospitals and nursing homes, people need fast and simple orientation help. JUNG supplies sophisticated LED solutions that create reliable orientation – such as directly before stair steps

or on the way to the bathroom. The LED light provides safe footing and is understated. The large ceiling light in the patient room can remain switched off.

## The extra bit of comfort



with hinged lid in the LS 990 design in stainless steel.



with engraved centre plate in the LS 990 design in stainless steel.



and inscription field in the LS 990 design in aluminium.



in the LS 990 design in aluminium.

So that the stay is as pleasant as possible, private rooms should await with particularly high levels of comfort and high-quality extras. These include all the important connection possibilities. In order to charge smartphones, Ebook readers and so on without taking up socket space, the USB charging station is the ideal choice. It provides an output current of

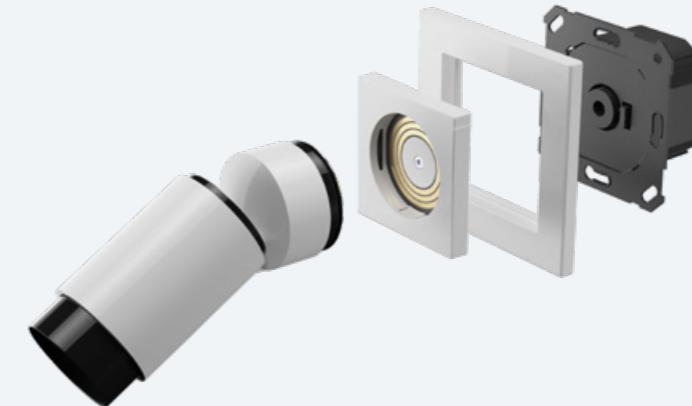
up to 3000 mA. Patients or staff can control the perfect light using the KNX F 40 push-button sensor: lighting, dimmer or shading work completely intuitively in this way. Patients get power at the hospital bed through the SCHUKO® sockets, which are particularly safe thanks to the integrated, increased child protection.





## Plug & Light

### PLUG & LIGHT STRUCTURE



The LED floodlight is held in place on the light socket by a strong magnet.

#### LED SPOTLIGHT



in the LS 990 design in aluminium.

#### LED SPOTLIGHTS



in the LS 990 design in aluminium.

Always perfectly dimmable LED light: Plug & Light always ensures the optimum lighting situation at the hospital bed. JUNG developed the first system that guarantees simple controllable light. The Plug & Light system is designed as a modular system. It consists of the light socket (a flush-mounted insert with

the electronics), a design frame, the cover and a light attachment. The floodlight can be used as a reading light or provide cosy lighting moments. In its design, the floodlight is reminiscent of a classic switch. With glare-free optics, it provides accent lighting or is used for orientation in corridors and rooms.



## Reliable technology for operations

In operating theatres, the interplay of technical competence, hygiene and electrical installation with direct and intuitive operation is of enormous importance. From uninterruptible power supplies and potential equalisation connections to jack sockets: JUNG has exactly the right products in its range for this sensitive area. In this way, doctors and staff can concentrate completely on the patients.

## Optimally provided for

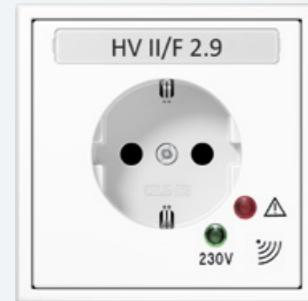
<b>JACK SOCKET</b>	<b>POTENTIAL EQUALISATION SOCKET</b>
 with two network sockets and inscription field in the LS 990 design in stainless steel.	 in the LS 990 design in stainless steel.
<b>SCHUKO® SOCKET</b>	<b>ROCKER SWITCHES</b>
 with integrated, increased child protection and inscription field in the LS 990 design in stainless steel.	 with labelling in the LS 990 design in stainless steel.

Solid and reliable equipment in the hospital starts with the electrical installation. The JUNG jack socket thus ensures the required networking in order to, for example, communicate using Video-over-IP. Potential equalisation sockets provide secure operation of the

attached devices. Large rocker switches in the LS 990 design can be operated with an elbow and allow operation of lights, doors and electrical technology. Furthermore, stainless steel ensures ideal cleaning and disinfection results and high-quality haptics.



# Special sockets for hospital operations



SCHUKO® socket with overvoltage protection, integrated, increased child protection and inscription field in the LS 990 design in white.



SCHUKO® socket with integrated, increased child protection and inscription field in the AS 500 design in white.



SCHUKO® socket with integrated, increased child protection and inscription field in the AS 500 design in green.



SCHUKO® socket with hinged lid, inscription field and pilot light in the LS 990 design in white-orange.

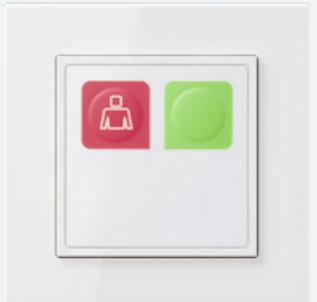
In hospitals there are various operational areas that place specific demands on electronic installations. JUNG meets these demands and offers special sockets. In this way, the overvoltage protection protects attached consumer units from electrical surges. Furthermore, JUNG offers sockets for special circuits with coloured markings. With suitable coloured identification, it is immediately clear whether an uninterrupted power circuit is available at the socket. The

hinged lid on the earthed safety socket is likewise available. The integrated LED also reliably indicates the function with the lid closed. The pilot LED can be exchanged during operation without interrupting the power supply and without dismantling the flush-mounted insert. The sockets are also available with spray protection. Thanks to the labelling fields, clear identification is always possible.



# Help at the press of a button

The P7 emergency system from hospicall for hospitals.

<b>ROOM SIGNAL LIGHTS</b>	<b>CALL BUTTON</b>
	
A flow in white	with a combination of call button, presence button, reset button and doctor call button in the A flow design in white.
<b>ROOM MODULE</b>	<b>ROOM MODULE</b>
	
with call and presence push-buttons in the A 550 design in white.	with call and presence push-buttons and display in the A 550 design in white.

JUNG offers exactly fitting frames and covers in the switch design for the P7 emergency system from hospicall. From clearly arranged wards with few rooms to a fully equipped hospital: P7 stands for a decentralised and individually tailored emergency system for all situations. In the patient rooms, people can call for help with call buttons, and in the duty rooms, room terminals indicate incoming

calls for help. hospicall P7 can be configured individually. Thanks to the high-quality JUNG switch design, it integrates into every interior. Both the AS 500 antibacterial and the buttons of the hospicall P7 emergency system are treated with silver ions. In this way, viruses, bacteria and fungi have no lasting basis for life – the risk of infection is reduced.





The P3 emergency system from hospicall for nursing homes.

ROOM MODULE



with call and reset buttons in the A flow design in black.

ROOM MODULE



with call and reset buttons with auxiliary socket in the A flow design in matt anthracite.

ROOM MODULE



with reset button as a functional module in the LS 990 design in black.

ROOM MODULE



with call button as a functional module in the LS 990 design in matt anthracite.

From clearly arranged wards with few rooms to fully equipped living spaces: P3 stands for a configurable emergency system for all situations and, thanks to haptic buttons, is particularly easy to use for older patients. The covers in the JUNG design are available in various ranges and programmes.

# Emergency systems in JUNG design

Leading manufacturers of emergency systems integrate their technology into the JUNG design range.



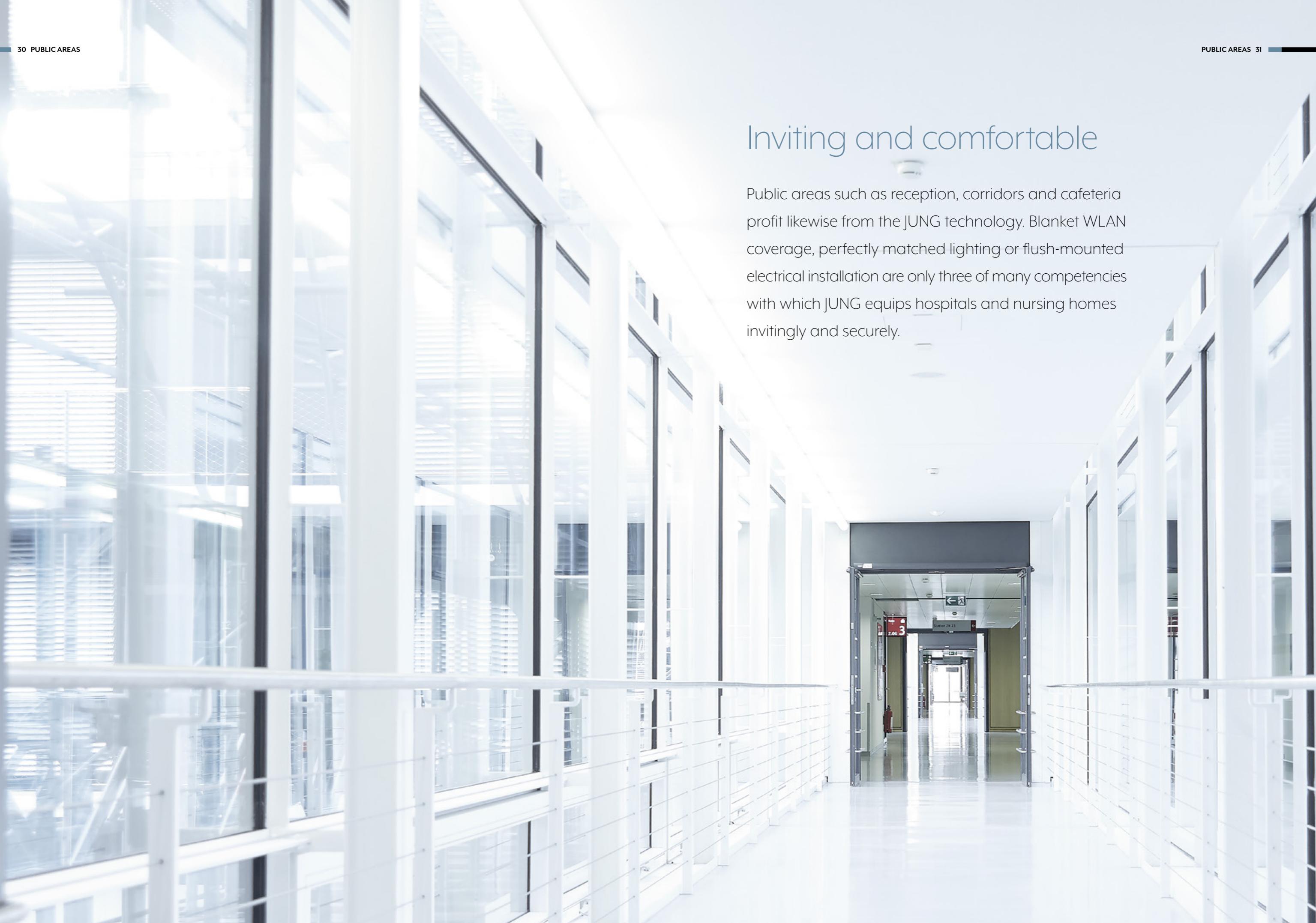
Thanks to the JUNG switch design, a uniform look results that integrates ideally into the overall design of the building. The inserts for the emergency systems from Tyco Fire & Security, Varolux, Novar, Tunstall, PRAGMA, hospicall and ConDigi need to be obtained directly from the respective suppliers – the covers for the emergency systems are included in the JUNG product range. These include pull switches, call buttons, potential equalisation sockets, presence buttons and connection sockets. For all requirements areas in a hospital or nursing home, covers and frames in the JUNG design are available.



hospicall GmbH

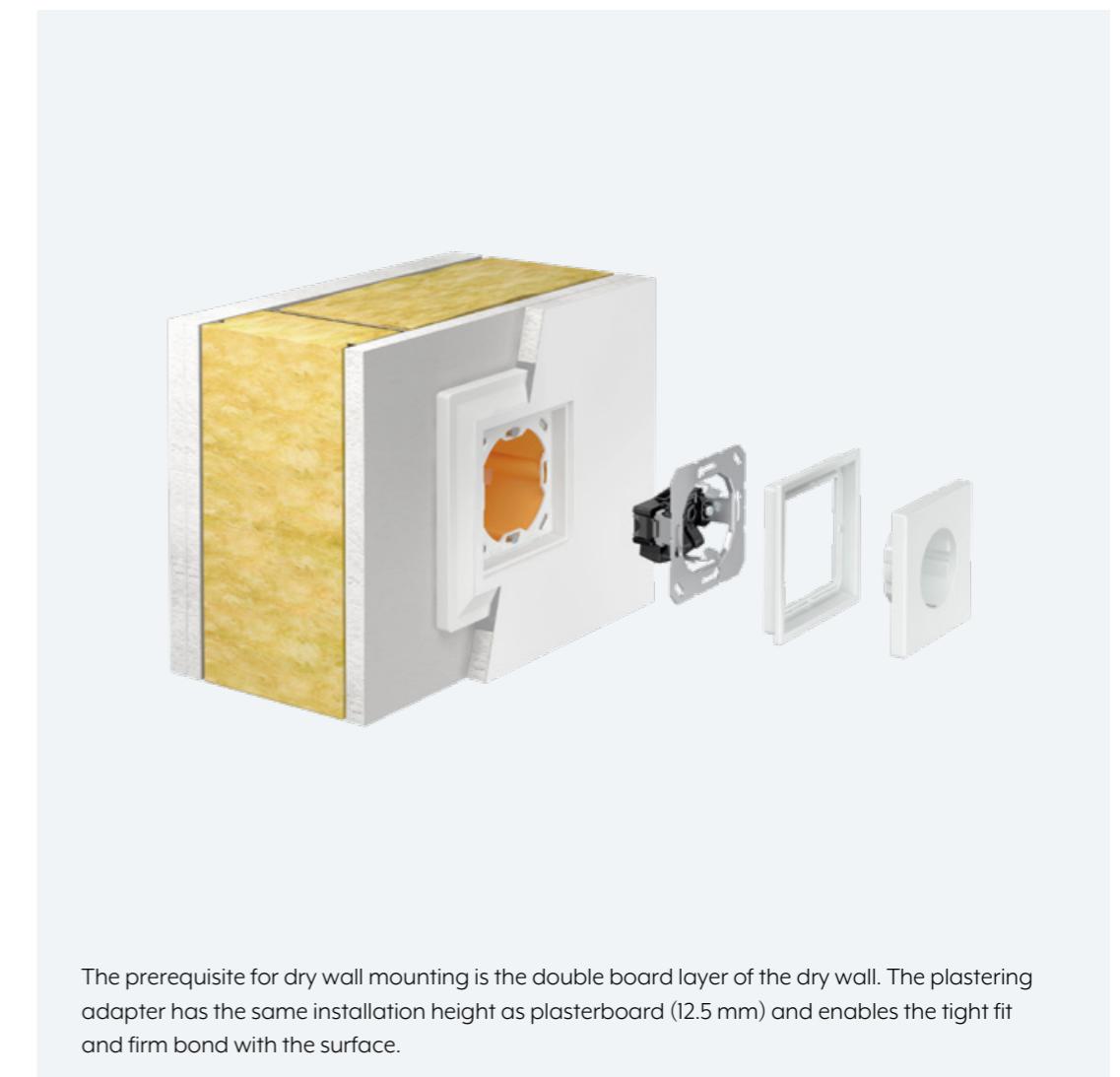
## Inviting and comfortable

Public areas such as reception, corridors and cafeteria profit likewise from the JUNG technology. Blanket WLAN coverage, perfectly matched lighting or flush-mounted electrical installation are only three of many competencies with which JUNG equips hospitals and nursing homes invitingly and securely.





## Perfect integration in corridor areas



The prerequisite for dry wall mounting is the double board layer of the dry wall. The plastering adapter has the same installation height as plasterboard (12.5 mm) and enables the tight fit and firm bond with the surface.

With the LS ZERO design range, JUNG makes flush mounting possible. In this way, the electrical installation does not become an obstacle in corridors. As the flush version of the JUNG LS 990 classic, this design range creates a

smooth transition between surface and frame. With LS ZERO, switches, sockets and controls can be consistently installed flush – in this way, damage from the impact of patient beds can be avoided.

## Simple handling



"Oversize rockers" in stainless steel are ideally suited for use in corridors of hospitals and nursing homes. Their large switch area allows fast and simple operation in passing. The design is solid. In the JUNG LS ZERO design,

the buttons additionally lie flush to the wall, which is particularly convenient in hectic corridors. Operation with the elbow happens directly without obstruction.





## Control comfort centrally

**KNX DALI GATEWAY TW**



controls lights with DALI operation units in KNX installations.

**SMART CONTROL 19**



visualises and controls the KNX processes as a fanless, capacitive touch screen.



visualises KNX processes and represents them on mobile end devices or Smart Control.



is the professional software solution for visualising and controlling the building automation.

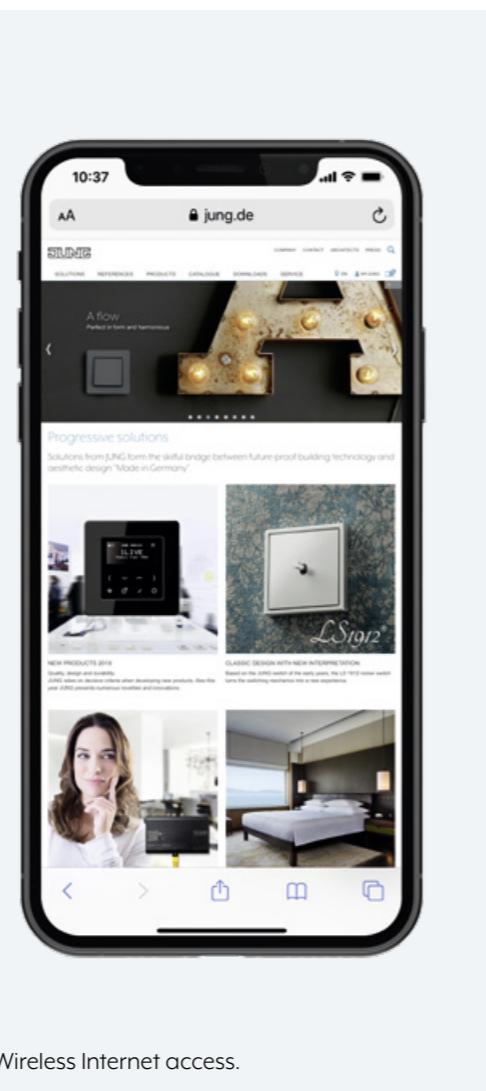
Optimally illuminated cafeteria, ideal temperatures in patient rooms and common rooms for staff: KNX technology improves comfort and safety in a hospital or a ward significantly. KNX is the worldwide standard

for building automation. Over 450 manufacturers worldwide produce for the smart system. The solutions from JUNG are future-proof and easy to operate.

# Full WLAN coverage



with RJ45 socket in the AS 500 design in white.



Wireless Internet access.

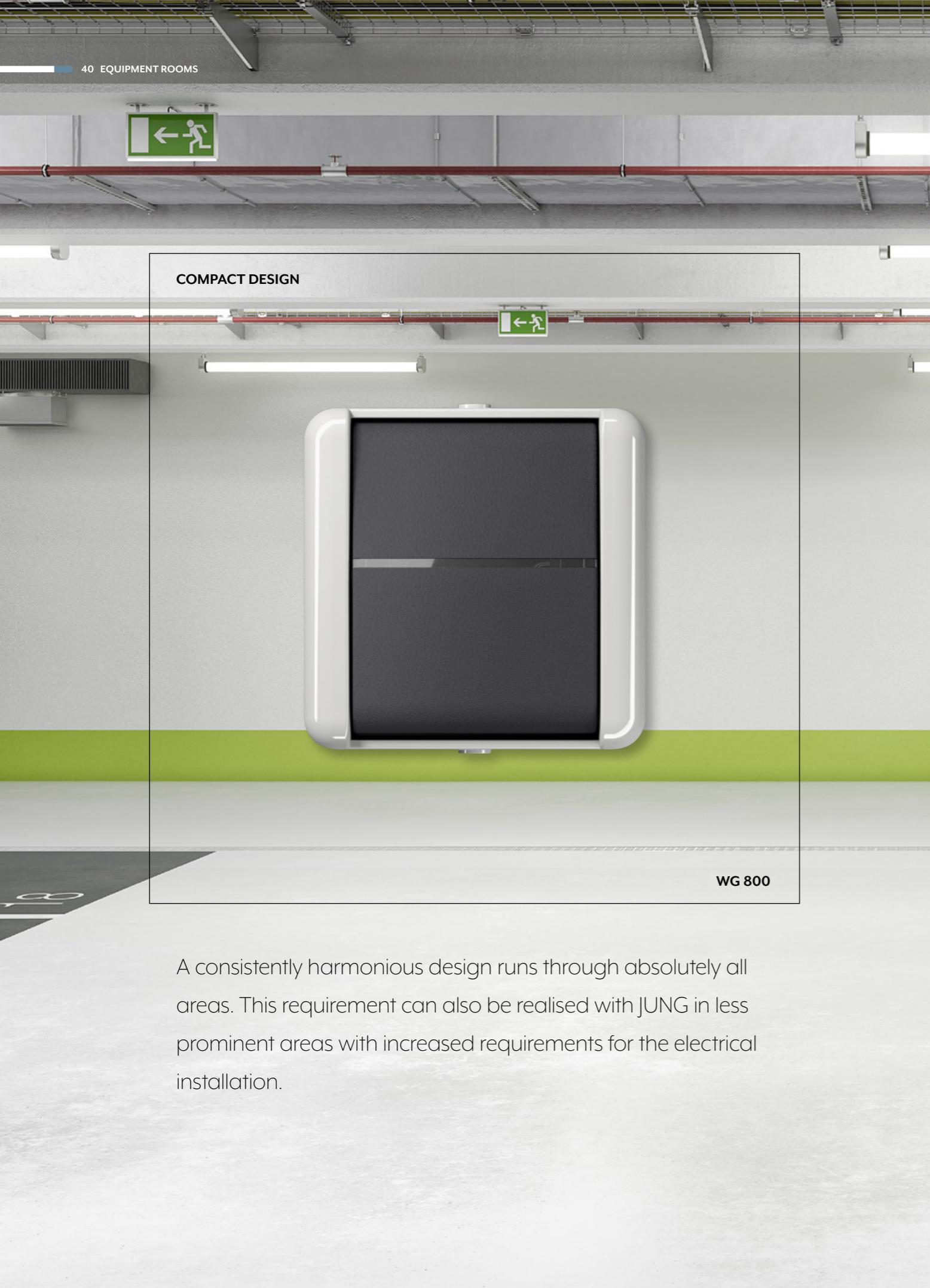


with RJ45 socket in the LS 990 design in white.



A fast and comprehensive WLAN is important for both patients and staff. This allows, for example, doctors to feed reports directly into central hospital information systems during their visits using a tablet. So that a strong signal can be received reliably in every room and in every corridor, the JUNG WLAN access points are the ideal booster. The integrated

WLAN antenna in the inserts distributes the signal evenly. In addition, the range is adjustable. Using the RJ45 port, an Ethernet cable can additionally be connected. The PoE version additionally provides Power over Ethernet on the front port and likewise receives its power via PoE.



## Easy surface installation

**ROCKER SWITCHES**



with inscription field in the WG 800 design in grey-anthracite.

**SCHUKO® SOCKET**



with inscription field and function display in the WG 800 design in grey-green.

**SCHUKO® SOCKET**



with safety lock and inscription field in the WG 800 design in grey anthracite.

**DATA CONNECTION ENCLOSURE**



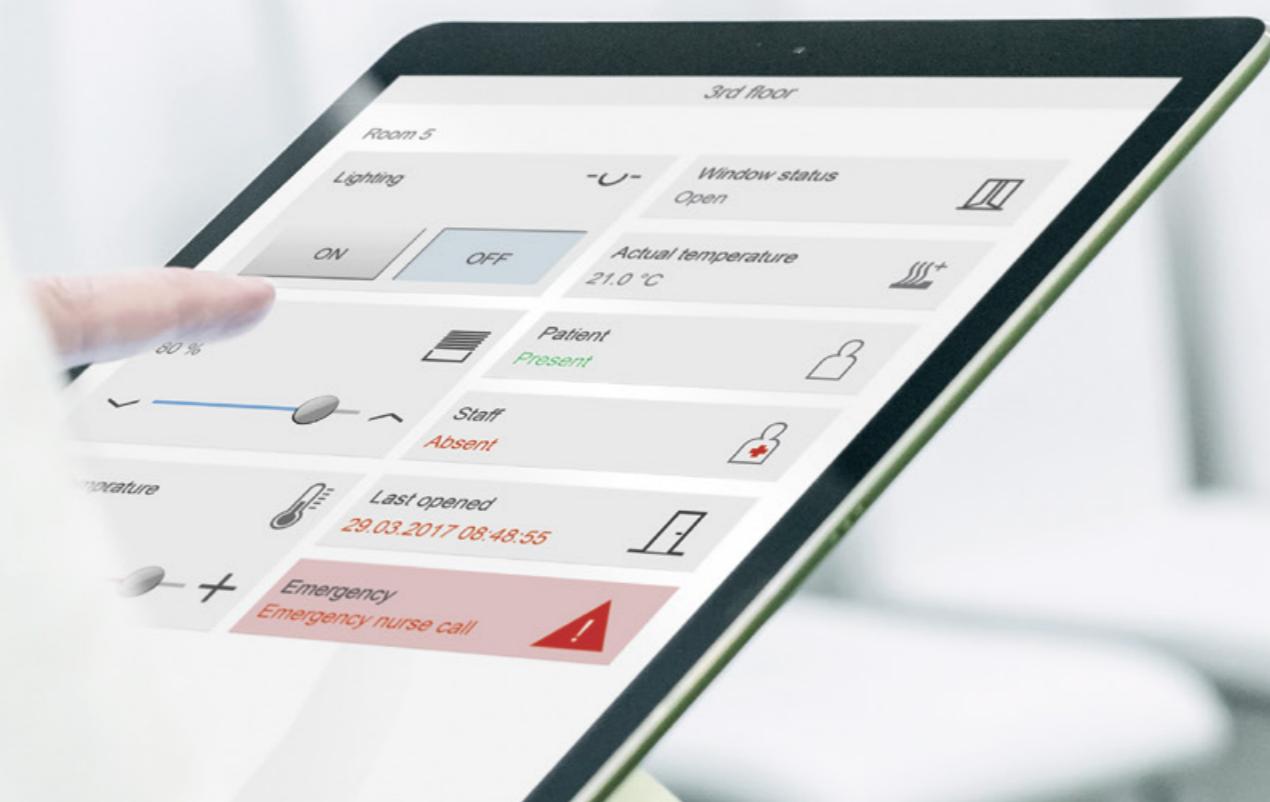
with inscription field in the WG 800 design in grey-anthracite.

A consistently harmonious design runs through absolutely all areas. This requirement can also be realised with JUNG in less prominent areas with increased requirements for the electrical installation.

Unity in form and function: The surface-mounted WG 800 range in breakproof thermoplastic means weathering and UV resistance. The range is protected against spray water and can be illuminated and lettered throughout and it sets new standards for professional electrical installation work with an ample amount of space for the wiring. WG 800 has an IP 44 protection level.

## The intelligent hospital

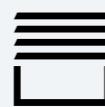
KNX is the globally recognised standard for building system technology. In a smart building, all functions are meaningfully networked and communicate with each other. This allows extra comfort, cost-effectiveness, safety and energy efficiency.





## Smart building technology

### SHADING



When the sun comes up in the morning, shutters provide the optimum lighting conditions. Smart sensors darken the room selectively – light that is too bright and the midday heat stay outside. The screening in the evening protects the private sphere.

### ASTRO FUNCTION



Switch off lighting in the entire room, close the curtains and put the TV device into standby mode: all without having to get out of bed again because the light in the bathroom is still switched on.

### VENTILATION



In smart buildings, sensors provide the ventilation needed, for example for cellars and storerooms. Through the use of appropriate actuators, air conditioning is activated or windows opened as required.

### PERFECT LIGHT



The control of a smart lighting system is carried out with DALI. This control system works smoothly in KNX. Based on the incidence of daylight, DALI automatically switches, for example, the LED lamps using a brightness sensor.

Intelligent building technology makes daily life easier for patients and personnel. With KNX, on the one hand operators increase safety and on the other organise the hospital and nursing home processes more cost-efficiently. The JUNG KNX system works according to demand and effectively supports the care staff and facility management in their daily tasks.

# Future-proof installation

## JUNG VISU PRO SOFTWARE



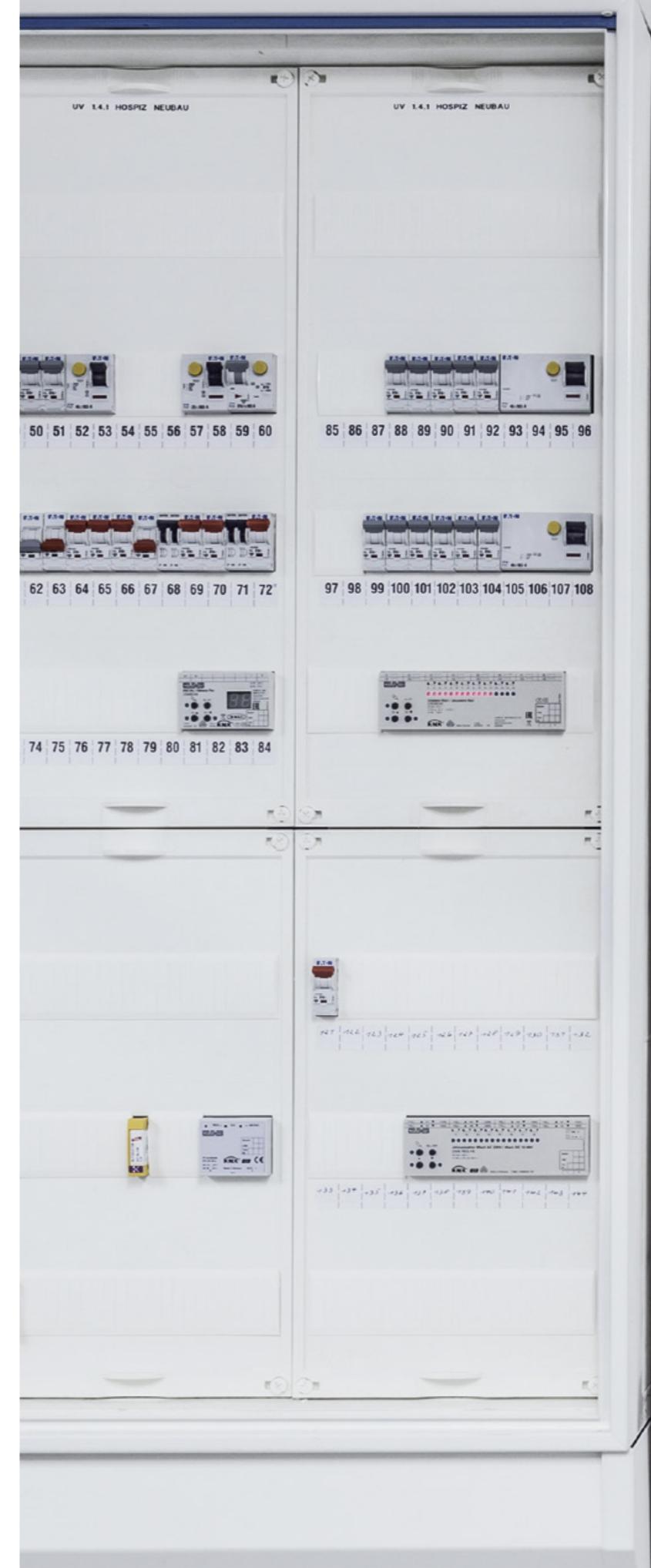
The JUNG Visu Pro software is a versatile system without data point limitation. In this way, it is perfectly suited for complex applications. Particularly the option to include multiple independent KNX systems parallel in one process model via KNXnet/IP protocol creates comprehensive possibilities for property-spanning projects.

## SMART CONTROL 19



The 19-inch version is the largest touch screen in the Smart Control range. With Smart Control, users control the KNX technology in the whole building. Thanks to a clear structure of the extensive content, the basis for ease of operation is created. The display has no mechanical, moving parts and is designed for wall installation.

From the easy to use control element to the complex system, the JUNG KNX components provide comprehensive, future-proof solutions for control, visualisation and organisation of the building system technology. The professional JUNG KNX technology can be adapted to new requirements at any time.





## Comfort in the practice

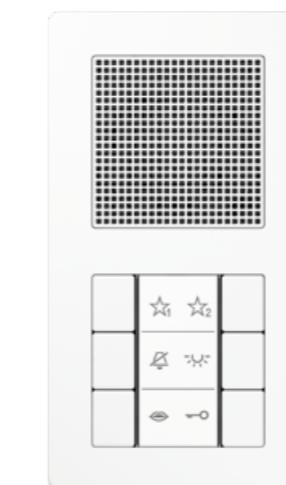
Inviting premises, a good structure and naturally the treatment and technology: in a doctors' practice, there are many factors to consider in order to design the workflow and the stay optimally. The JUNG portfolio has the right products for this.



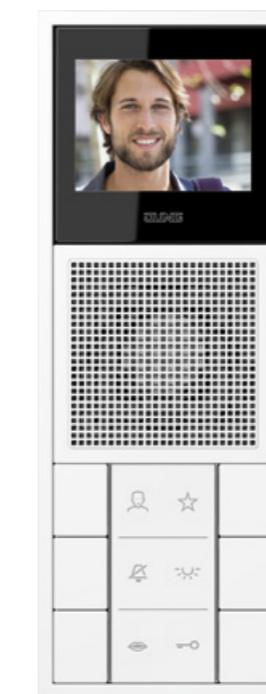
## Optimised processes

From entry to the waiting room: with a sophisticated door communication, the personnel ensure that patients get to where they need to go directly and securely. Offer help with speech and video transmission? The personnel answer possible questions quickly and efficiently. Thanks to the JUNG design, the door communication technology integrates perfectly into the rest of the electrical installation.

SIEDLE Systemtechnik  
In-Home



Audio indoor station in  
A flow



Video indoor station  
2,7" in LS 990



Siedle Vario

## Clear Communication

LED PILOT LIGHT



with black, real glass cover in the LS 990 design in chrome.

LED PILOT LIGHT



with traffic light function in the LS 990 design in stainless steel.

LED PILOT LIGHT



with white, real glass cover in the 2-gang LS 990 design in black.

Particularly for a first admission, it is important that patients find their way quickly and easily. Where is the waiting room? Where are the treatment rooms? LED light signals with clear labelling provide orientation. So that the

process within the practice is communicated as transparently as possible, LED light signals are likewise used. The JUNG products clearly communicate when it is the next patient's turn.



# Safety and comfort

Light, cosy, safe: in a practice, the patients want to feel good.

JUNG has the appropriate product in its range for all requirements.



## KNX ROOM AUTOSTAT

Always the optimum temperature and the appropriate light: the KNX room autostat in the JUNG LS 990 design looks like a conventional switch from the front. The smart technology is hidden behind: switching, dimming, controlling blinds, starting light scenes or measuring brightness or temperature values.



## UNIVERSAL AUTOMATIC SWITCH 2.20 M

The universal automatic switch proves itself outstandingly in patient WCs or common rooms. Here it switches light sources in the LB Management. The settings in the Universal version are conveniently made using the Clever Config app. In the app, users can adjust the delay time of the automatic switch.



## SMOKE ALARM

Safety has the top priority in a doctors' practice. The JUNG radio smoke alarm reliably measures smoke and heat changes. Furthermore, it can be linked to other alarms by radio: if the device on the ceiling of a treatment room sounds, the smoke alarm in the waiting room is also set off.



## STANDARD AUTOMATIC SWITCH 1.10 M

The horizontal detection area of 180° is ideal for small rooms. The sensitivity can be configured individually, the delay time is fixed. Furthermore, the automatic switch can be switched on with the brightness last saved.



## SMART RADIO DAB+

The JUNG Smart Radio DAB+ is an optical highlight and always hits the right note. The radio receives programmes throughout the country via DAB+ and FM. It stores up to eight stations per reception mode. In the Bluetooth version, the practice staff can stream music to the device, give information about procedures or call the next patient.



## CEILING OBSERVER / PRESENCE DETECTOR

The presence detector shows its strengths in corridors. The device has a 360° detection area with a radius of 20 metres – based on an installation height of three metres. All settings are made conveniently using the Clever Config app.



## Clear and protected

For areas of use with particularly high hygiene demands, JUNG has spray-proof labelling areas for selected switch ranges in the portfolio. As a result, labelling areas on SCHUKO® sockets and on design frames for the AS 500 and LS 990 ranges are ideally protected from cleaning agents.

### LABELLING AREAS –

#### SPRAY-PROOF AND SECURE ON THE SUPPORTING RING

with function display and integrated increased child protection and labelling area (spray-proof) in the AS 500 design in white. The protection prevents the contacts within the socket from being touched. Only an equivalent plug inserted can release the protection.



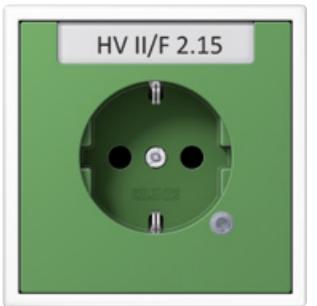
### SCHUKO® SOCKET

with integrated increased child protection and labelling area (spray-proof) in the LS 990 design in white. The spray-proof labelling allows the hygiene demands to be met without affecting the labelling.



### SCHUKO® SOCKET

with function display, integrated increased child protection and integrated labelling area (spray-proof) in the LS 990 design in white-green. The function display consists of an LED that reliably indicates the status. In this way, the personnel know whether the SCHUKO® socket is ready for service or there is no electrical supply.



### SECURE ASSIGNMENT –

#### SIMPLE INSTALLATION

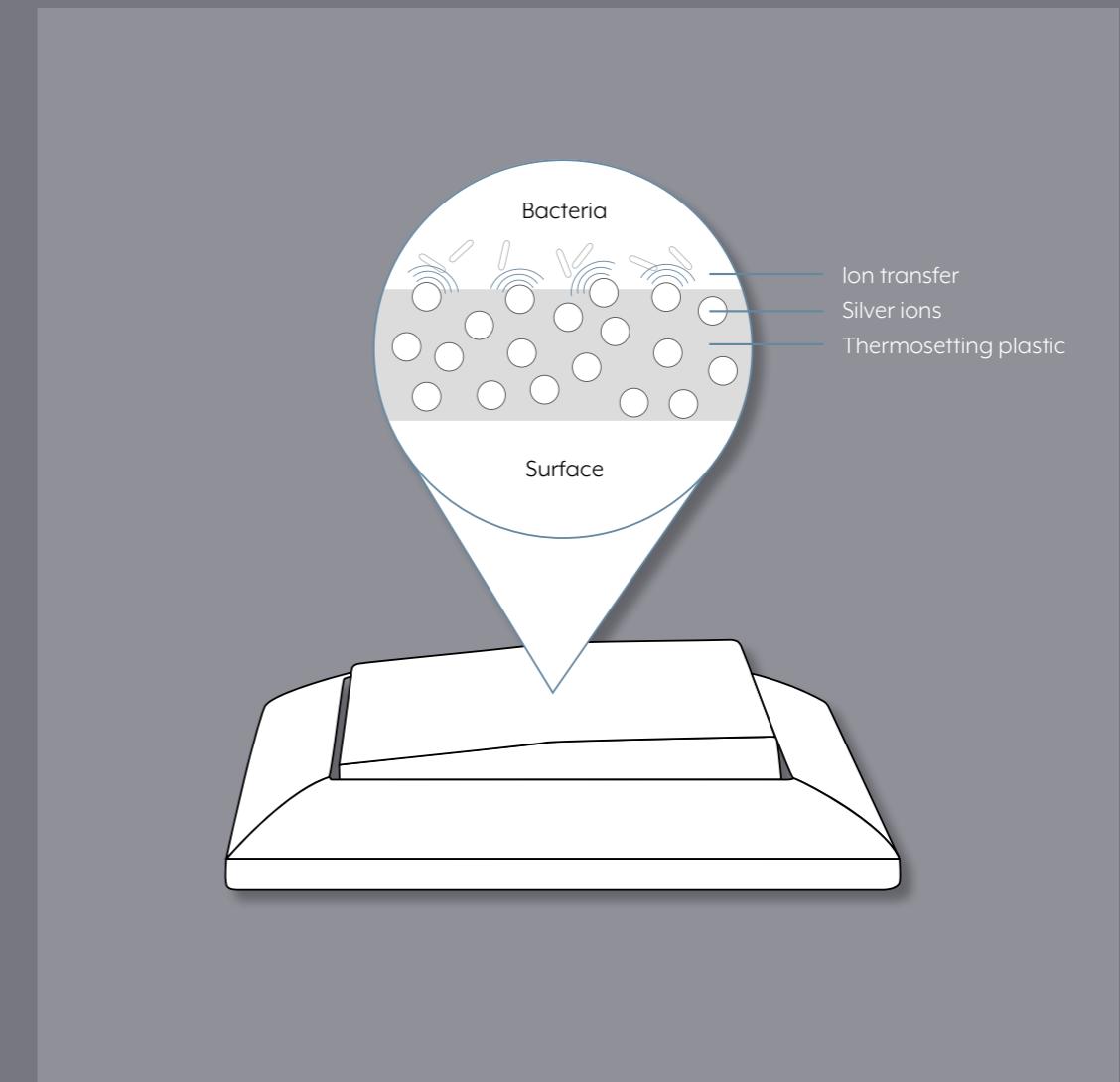
For the AS 500 and LS programmes, JUNG offers inscription modules that are fixed securely to the supporting ring of the flush-mounting part. In this way the labelling fields retain the correct assignment even after removal of the covers and frames (for example during renovations).



## Reduced risk of transmission



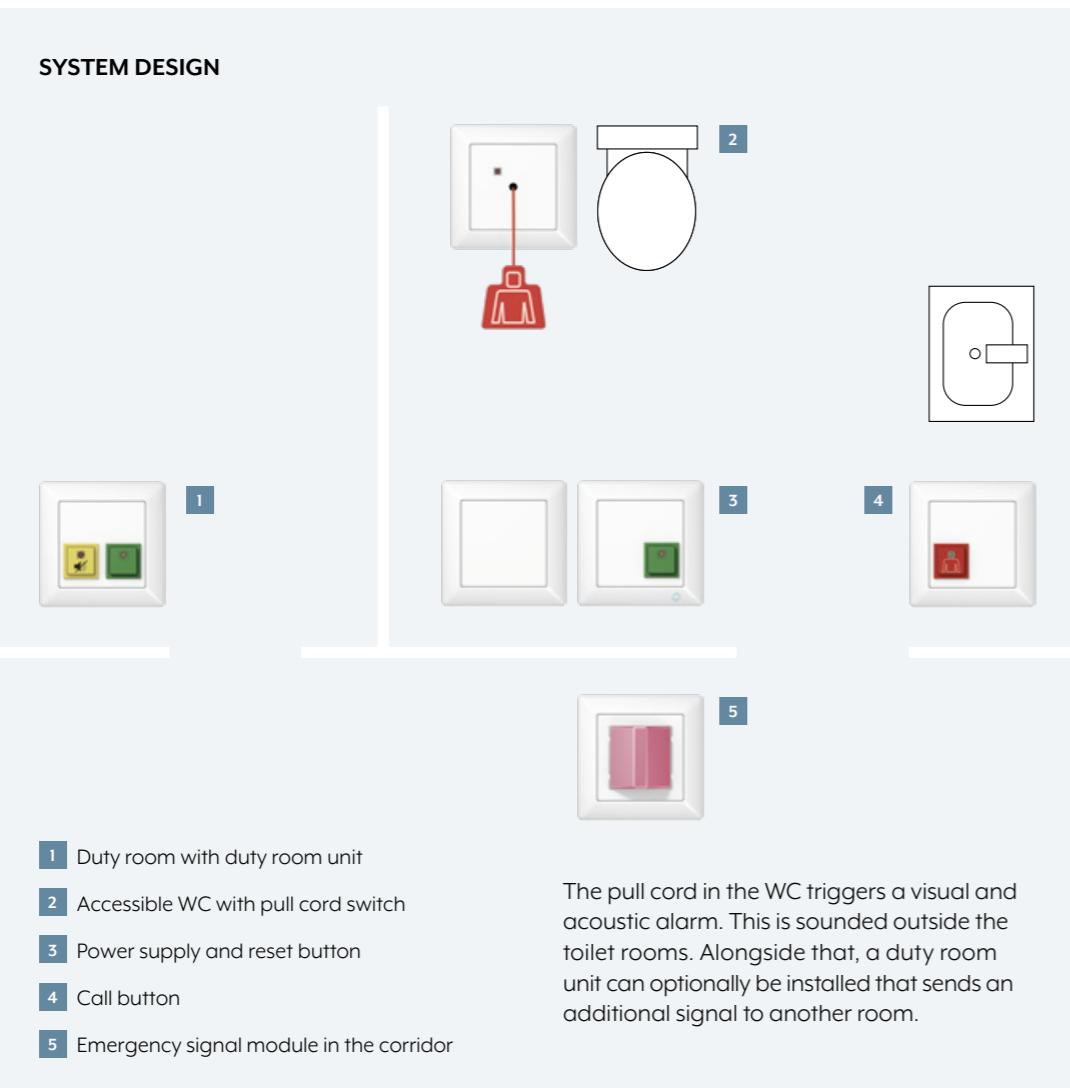
The special programme for hospitals, doctors' practices or nursing homes reduces the risk of infection. To stem the transmission of pathogens through contact, the AS 500 has an antibacterial effect.



The material technology of the AS 500 is an effective barrier against the transmission of dangerous micro-organisms. For this, the Duroplastic material is mixed during the production process with silver ions. They remove the nutrients for the pathogens and thus effectively impede the multiplication of bacteria and fungi. The reproduction

and mutation of germ cells is reduced by the anti-microbacterial characteristics. The AS 500 antibacterial is identical in design to the standard AS 500 range. The visual match makes it possible to subsequently change from the standard model to the antibacterial version.

# Sophisticated emergency call system



The JUNG emergency call system is a sophisticated complete set for calls for help in WCs or bathrooms. It is thus particularly suitable for use in nursing homes or WC installations in public buildings. It fulfills all safety demands according to DIN VDE 0834. The complete system consists of the emergency signal, pull cord push button, reset button and power

supply. A module for an uninterruptible power supply is available in addition. Thanks to its modular and decentralised structure, the emergency call system can be installed both in small installations with only few rooms and in complex facilities with different wards or living units.



## Precise preparation allows modular building

plug + go simplifies the daily work of the installers. Furthermore, the plug-in system gives architects and investors planning certainty, as deadlines and costs can be calculated reliably. JUNG provides the basis in pre-production.

Directly after your order, the specialist craftspeople at JUNG start their work: they wire the amount ordered of the required inserts in the individual allocation of flush-mounted boxes. This preparation includes the complete configuration and fixing of the inserts. This involves the use of high-quality technology: while plugs and wiring come from our partner Wieland, Kaiser supplies the flush-mounting boxes. JUNG builds plug-in installation modules for the customer that fit in the Wieland system. Up to four devices can be combined together and

supplied ready to plug in. Everything is specially tailored to the requirements of the customer in plug + go. Before dispatch, the specialists check every piece by hand and provide it with the appropriate seal. The only thing the specialist team on-site has to do is to select the configuration of the plug + go. The order form is available online for this purpose. The prepared electrical components then come directly to the buyer or to the appropriate location. Unpack, fit in the wall, connect the plugs – finished!





## Serial building

Hospitals or nursing homes: The plug-in system from JUNG is ideally suited for the electrical installation in buildings where the equipment is repeated frequently.

- **INFRASTRUCTURE WIRING:** the supply for hospital rooms is provided using a flexible bus bar with large-diameter wires. This ensures clear structures at the installation level of the corridor area.
- **DECENTRALISED ROOM AUTOMATION:** As the decentralised, modular components can be installed directly and without additional housings, material can be saved in the local sub-distribution.
- **CABLE DUCT SUPPLY:** The space-saving use of gesis® NRG flat cables in the cable duct allows a completely plug-in installation for maximum flexibility.
- **LIGHTING (SWITCHED):** due to the plug-in design of the entire lighting, in the case of a defect every component can be replaced quickly, simply and safely.



### Requirements

Fast, simple and safe installation. Simple maintenance. Fast replacement of defective components. Minimal down time for the rooms.



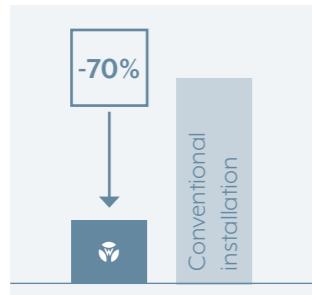
### Solutions

Industrially prepared components. End units can be directly plugged in. Set solutions for simple logistics. Simply plug together on site.

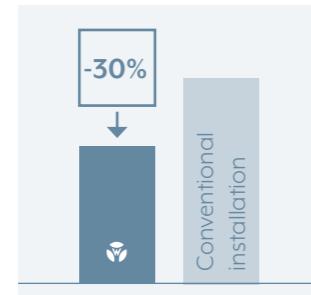


### Advantages

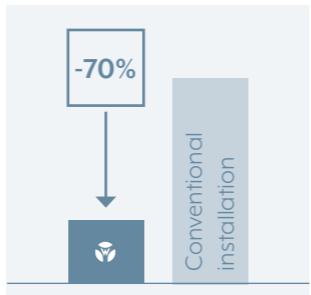
Fast, simple and safe installation. High level of functional reliability and prevention of defects using a coded connector system. Minimal down times.

**Low time requirement**

The wiring time is minimal. Installation time at the building site is noticeably reduced.

**Low total costs**

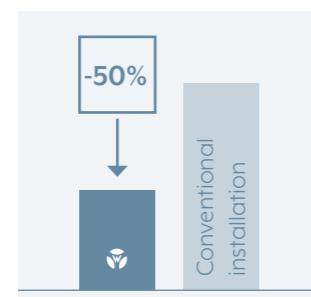
Rapid installation, high quality, low defect frequency: The total costs sink by up to 30 %.

**Shorter cable lengths**

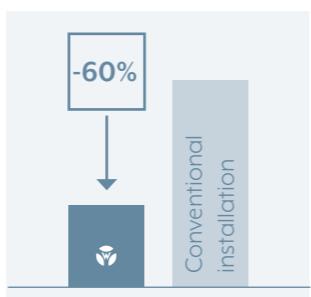
The cables are simply connected. Multiple junction boxes are likewise unnecessary.

**Reduced fire load**

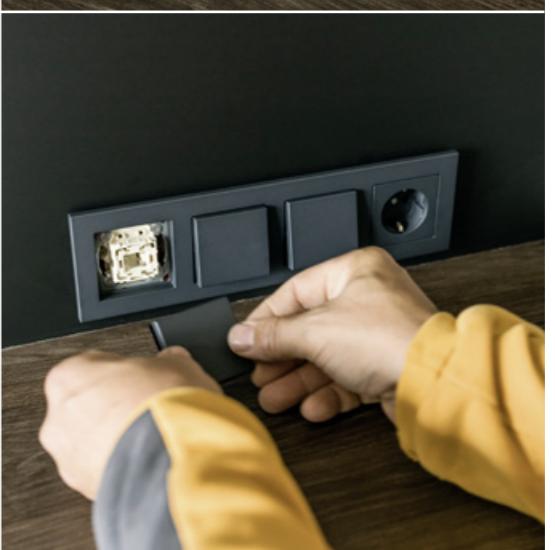
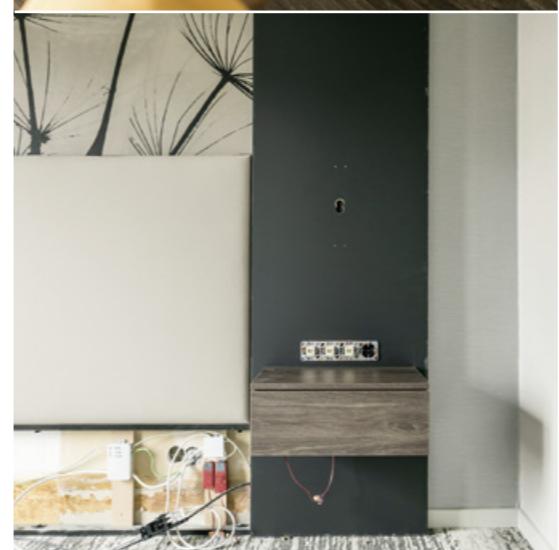
Directly connected distribution blocks reduce the fire load by up to 60 %. A clear plus in safety

**Low volume of copper**

The total amount of copper is around half compared to conventional installations: Less material thanks to intelligent cable management: Equipment rooms need less space.

**Smaller equipment rooms**

Less material thanks to intelligent cable management: Equipment rooms need less space.



The secret of plug + go: plug instead of screw! In this way, the installation time sinks on the building site and the total costs at the end lie up to 30 percent lower than for conventional approaches. While the defect frequency sinks on the building

site, the quality of the work increases. Once planned, the installation is then quickly completed. Serial and modular building in the electrical trades is the solution for projects where rooms are repeated frequently.

# Individual configurations



plug + go is the prepared solution for installation in cavity walls and furniture. From ordering to installation, the process is fast. The realization of a plug + go project requires technical clarification. The consultation takes place after an appointment, ideally in a personal conversation. For direct contact please send an e-mail to [plugandgo@jung.de](mailto:plugandgo@jung.de). The delivery time is six weeks after receipt of order.

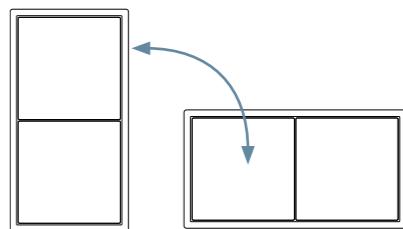
## STEP 1: CHOOSE SIZE

plug + go is available in four different sizes. Choose between a simple flush-mounted box or a multiple installation with up to four elements. If an empty cavity wall box is planned, special devices such as data connections can be added later.



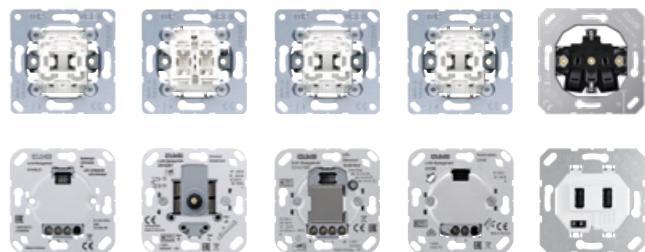
## STEP 2: DETERMINE FORMAT

plug + go is variable in all areas. Install the plug-in system both in horizontal and vertical formats. In this way you implement the electrical installation in an optimal manner, always aligned to the object, and the allocation of the inserts likewise remains flexible.



## STEP 3: CHOOSE INSERTS

Thanks to the JUNG modular system, plug + go can be individually completed with various inserts. Single or 2-gang switches, SCHUKO® sockets, dimmers or USB chargers are quickly installed. You decide which technology is installed at which position. plug + go is flexible.



## STEP 4: CHOOSE COVERS

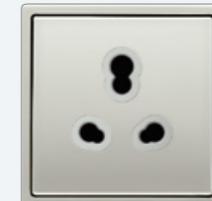
All solutions are naturally available in the variety of JUNG designs. They can thus be ideally matched to the interior design in various materials, shapes and colours. Simply specify the appropriate covers in the required design in the ordering process.





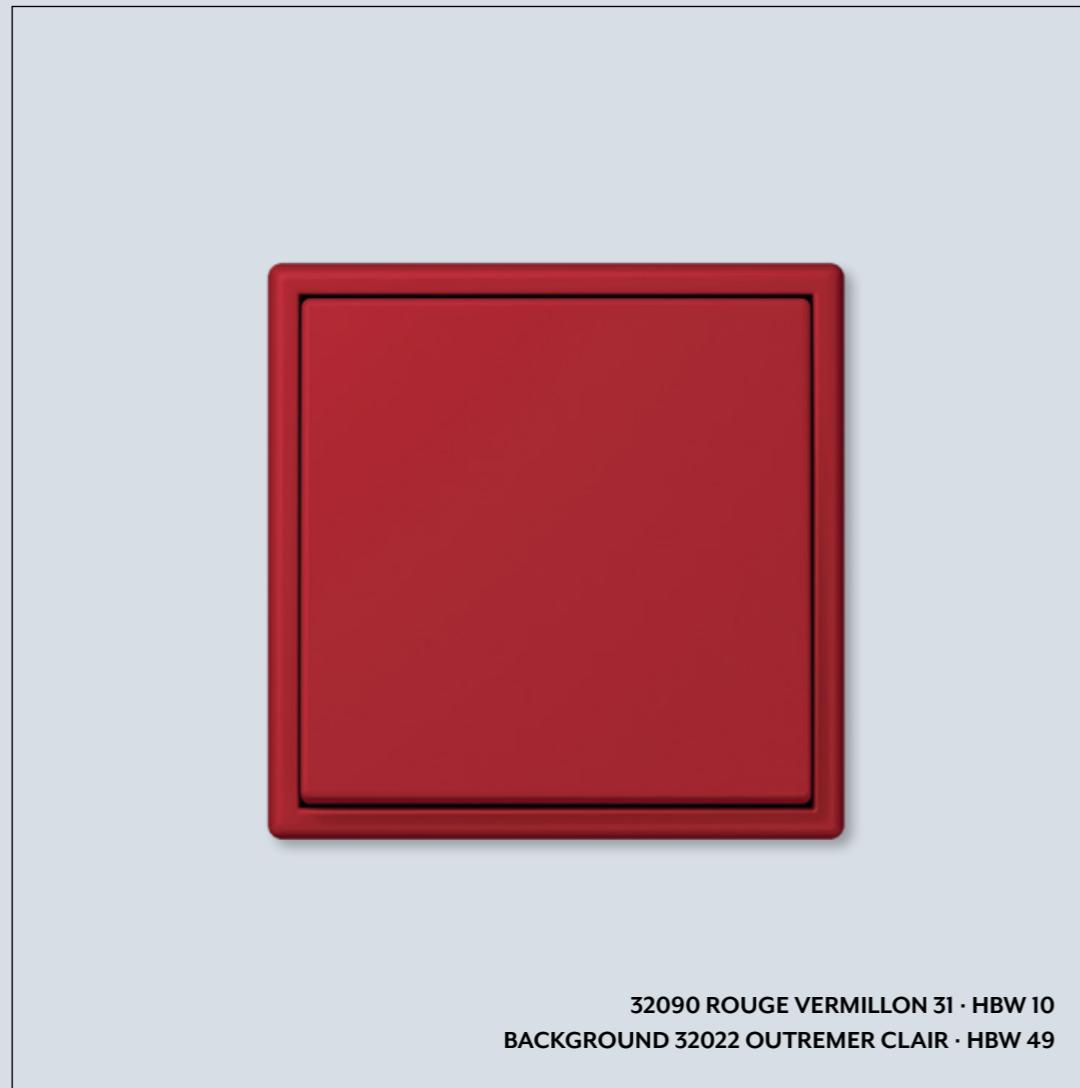
Dual combination in SCHUKO® and G+I sockets

Proven in applications  
worldwide

		
British standard 13 A/Plug type G	British standard 13 A, switched/Plug type G	British Standard 13 A, switched with indicator lamp/Plug type G
		
British standard 5 A/Plug type M	Indian standard/Plug type D, M	Chinese standard/Plug type A, I
		
SCHUKO® standard/Plug type F	NEMA standard/Plug type B	NFC standard/Plug type E

Best worldwide connections: in order to completely meet the international requirements, there are international socket systems in the JUNG range fulfilling country-specific standards. These can naturally also be combined in multiple frames as part of the JUNG modular system – for a uniform design.

## Easily visible



63 colours allow individually matched switches, fitting to the respective surroundings and the surface. The various lightness coefficients of Les Couleurs create a high luminance contrast between the wall and the switch. Because, in compliance with the DIN 32975 standard for the design of visual information in the public area for accessible use, contrast values have to be taken into account.

The classic LS 990 switch in the 63 Les Couleurs® Le Corbusier colours. Each of these colours can be harmoniously combined with any other colour in the system. In combination, in

32001 blanc · HBW 72	
32010 gris foncé 31 · HBW 12	
32011 gris 31 · HBW 29	
32012 gris moyen · HBW 39	
32013 gris clair 31 · HBW 49	
32020 bleu outremer 31 · HBW 16	
32021 outremer moyen · HBW 40	
32022 outremer clair · HBW 49	
32023 outremer pâle · HBW 54	
32024 outremer gris · HBW 75	
32030 bleu céruleen 31 · HBW 14	
32031 céruleen vif · HBW 30	
32032 céruleen moyen · HBW 42	
32033 céruleen clair · HBW 52	
32034 céruleen pâle · HBW 64	
32040 vert anglais · HBW 13	
32041 vert anglais clair · HBW 39	
32042 vert anglais pâle · HBW 57	
32050 vert foncé · HBW 12	
32051 vert 31 · HBW 32	
32052 vert clair · HBW 49	
32053 vert jaune clair · HBW 61	
32060 ocre · HBW 66	
32080 orange · HBW 27	
32081 orange clair · HBW 36	
32082 orange pâle · HBW 64	
32090 rouge vermillon 31 · HBW 10	
32091 rose pâle · HBW 65	
32100 rouge carmin · HBW 10	
32101 rouge rubia · HBW 10	
32102 rose clair · HBW 48	
32110 l'ocre rouge · HBW 12	

this way clear contrasts arise on the wall. All items in the LS range are available. In addition, JUNG offers made-to-order production.

32111 l'ocre rouge moyen · HBW 38	
32112 l'ocre rouge clair · HBW 55	
32120 terre sienne brûlée 31 · HBW 8	
32121 terre sienne brique · HBW 25	
32122 terre sienne claire 31 · HBW 50	
32123 terre sienne pâle · HBW 62	
32130 terre d'ombre brûlée 31 · HBW 7	
32131 ombre brûlée claire · HBW 38	
32140 ombre naturelle 31 · HBW 9	
32141 ombre naturelle moyenne · HBW 27	
32142 ombre naturelle claire · HBW 42	
4320A rouge vermillon 59 · HBW 13	
4320B blanc ivoire · HBW 79	
4320C rose vif · HBW 45	
4320D terre sienne brûlée 59 · HBW 9	
4320E noir d'ivoire · HBW 4	
4320F vert olive vif · HBW 36	
4320G vert 59 · HBW 22	
4320H gris 59 · HBW 23	
4320J terre d'ombre brûlée 59 · HBW 5	
4320K bleu outremer 59 · HBW 11	
4320L ocre jaune clair · HBW 49	
4320M le rubis · HBW 7	
4320N bleu céruleen 59 · HBW 35	
4320O gris clair 59 · HBW 30	
4320P terre sienne claire 59 · HBW 56	
4320R ombre naturelle 59 · HBW 6	
4320S orange vif · HBW 20	
4320T bleu outremer foncé · HBW 5	
4320U gris foncé 59 · HBW 13	
4320W le jaune vif · HBW 67	

The delivery time for mixed colours is six to eight weeks.

The delivery time for made-to-order production is eight to twelve weeks.

Further information on the lightness coefficients can be found at: [jung.de/les-couleurs](http://jung.de/les-couleurs)

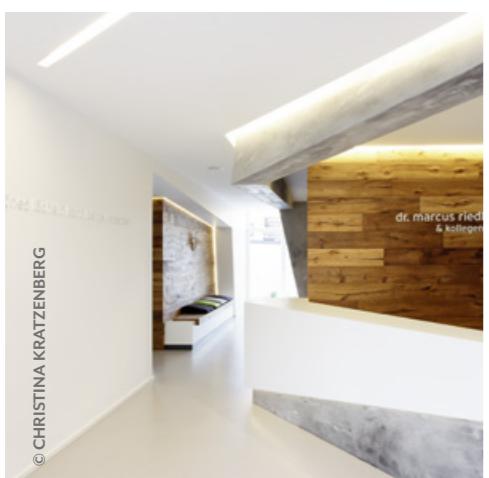
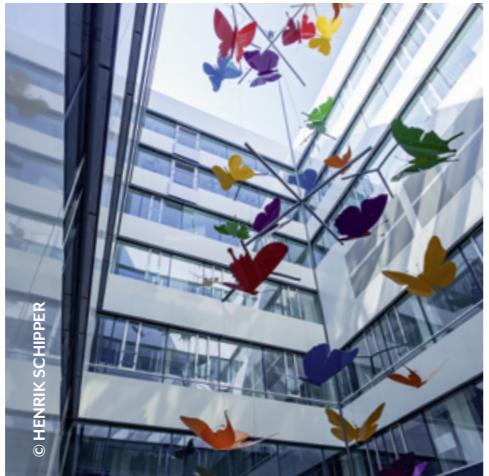
## Individual labelling

<b>LED PILOT LIGHT</b>	<b>LASER ENGRAVING</b>
	
Black, real glass cover in combination with LS 990 chrome frames.	F 40 push-button sensor in stainless steel with laser engraving.
<b>COLOUR PRINTING</b>	<b>LABELLING</b>
	
Rocker in white with colour printing.	F 50 push-button sensor in anthracite with labelling areas.

JUNG products can be individually designed using the online Graphic Tool. Switches, for example, are individually labelled with abrasion-resistant colour printing. High-quality laser engraving is the second option for customisation using the Graphic Tool. The millimetre-precise cutting of the switch surface allows even the finest contours of symbols and logos to be produced. With

the labelling, the Graphic Tool also gives you the option for individual identification of the writing surface of products with text, symbols or motifs. The glass covers of the LED pilot lights can also be individually labelled using laser engraving. For a particularly high-quality impression and clear orientation. The Graphic Tool can be found at [www.jung.de/gt](http://www.jung.de/gt).

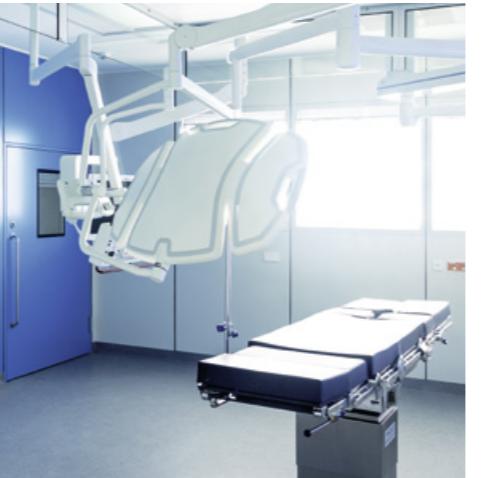




## JUNG in the object

Attractive design, the most modern technology and an exemplary medical provision: The following reference objects rely on the product portfolio from JUNG. Starting from light switches all the way to building automation.

## Olga hospital in Stuttgart



SWITCH



In the LS 990 design in white.

The gynaecological and paediatric hospital in Stuttgart was renovated for around 330 million Euro. A highly modern hospital complex was built. JUNG SCHUKO® sockets provide special electrical circuits for operating theatres and treatment rooms. The integrated LED power indicator shows whether a socket is being

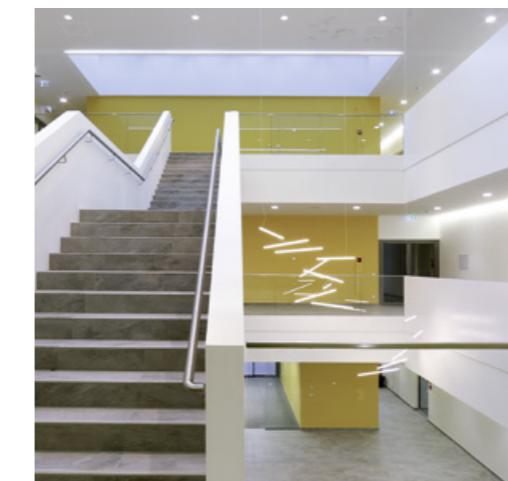
supplied with electricity. Spray-proof labelling areas offer additional orientation. In the central halls and the corridors, the electrical installation in the clear design of the classic JUNG LS 990 switch in white and stainless steel integrates harmoniously into the interior design concept of the hospital.



Object  
**Olga Hospital and gynaecological hospital**  
Architect  
**ARGE HPP SFP HPP  
Hentrich – Petschnigg & Partner GmbH & Co. KG,  
Sorg und Frosch Planungs GmbH**



## The University Hospital of the Saarland, Homburg



**SWITCH**



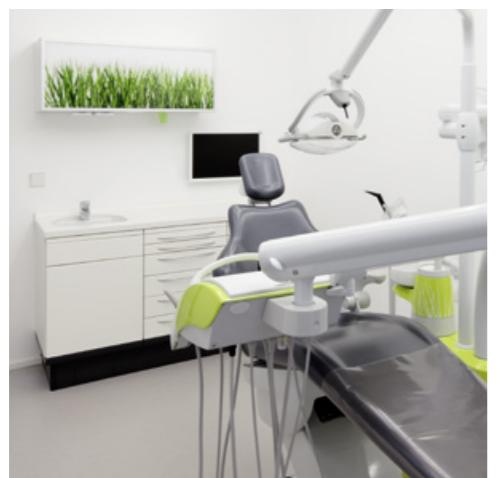
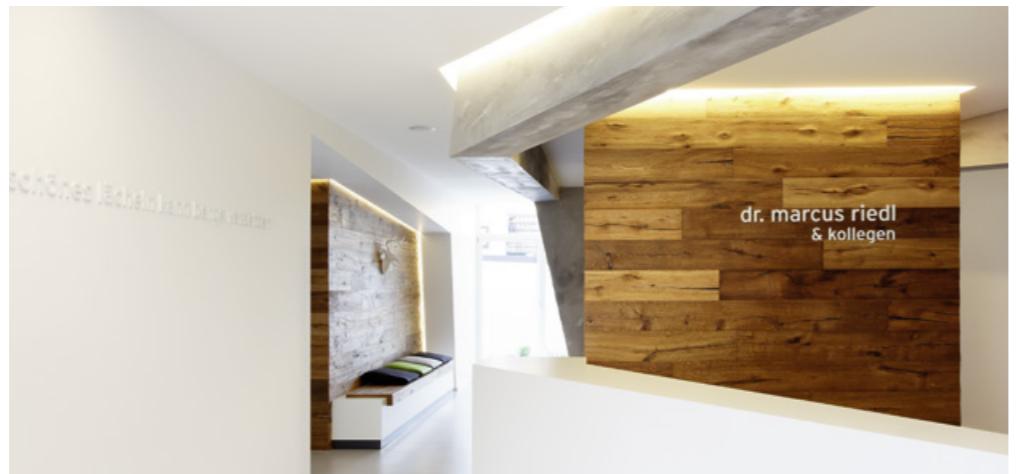
In the LS 990 design in white.



The new hospital building on five storeys accommodates laboratories, training rooms, patient wards and rooms for intensive care. There is also a helicopter landing pad on the roof. The well-conceived lighting plan, supported by panoramic windows and colourfully designed rooms, ensures that its

areas are bright and open. Hospitals have specific requirements for their electrical installations with respect to both functionality and hygiene. The classic LS 990 switches made of Duroplastic do justice to these requirements. The material remains stable and robust against the disinfection agents used in hospitals.

# Dental practice in Stein near Nuremberg



SCHUKO® SOCKET



with integrated, increased child protection in the LS 990 design in aluminium.

You notice a pleasant fir-tree scent as soon as you enter the practice. It flows from a rustic oak trough that is planted with small fir trees. Birch trunks arranged like in a wood serve as the cloak room. The natural character of the practice rooms is strengthened with wall sections lined with oak. The path to the treat-

ment rooms is via a wooden stairway in the reception area. Kept in pure white and warm brown tones, the rooms radiate calm. The electrical installation by JUNG in the classic LS 990 switch design in white, aluminium and anthracite also adapts itself to this ambience.



Object  
**Dental practice in Stein near Nuremberg**  
Architect  
**Graf-Kellner Architekten  
ARGE brauhaus**





Object  
**France, Orbec**

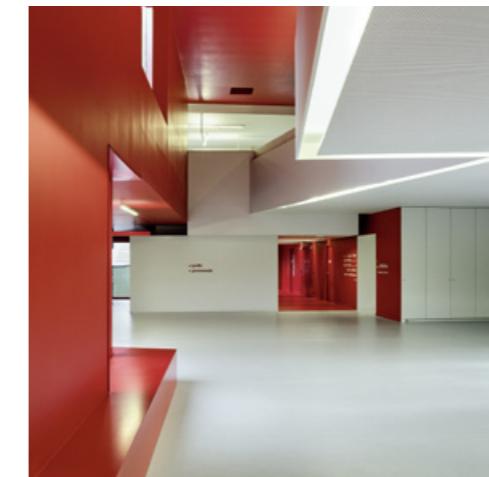
Architect  
**Dominique Coulon & associés**

## Nursing home in Orbec

### KNX F 40 PUSH-BUTTON SENSORS



In the LS 990 design in white.



The nursing and retirement home designed by Dominique Coulon & Associés is located in the heart of Normandy in France near the village of Orbec. With a total of 115 rooms and a peaceful location in the countryside, the building is used as ideal accommodation for people needing care and older people. The green façade of the nursing home is



embedded harmoniously into the idyllic surroundings. Inside the nursing home, the intelligent KNX system from JUNG is in use. Sequence light, control sun protection as required and set the perfect room climate: this is possible very easily with the KNX sensors and room controllers in the LS 990 design.

## The JUNG catalogue app

**SEARCH AND FIND PRODUCTS**



The Catalogue app is available for tablet or smartphone including QR code scanner.

**QR CODE SCANNER**



Scan the QR code on the label and retrieve product information directly.

Access the complete JUNG product range via smartphone – with the Catalogue app for iOS and Android operating systems at any time and anywhere, also in offline mode. The integrated QR code scanner proves to be a great help locally on the construction

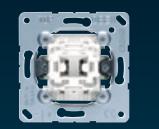
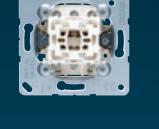
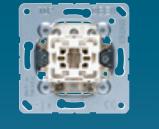
site: simply scan in the QR codes on the JUNG packaging labels and the link to the corresponding article is created. The JUNG Catalogue app is also available without integrated QR code scanner for tablets with iOS or Android operating system.

## Catalogue

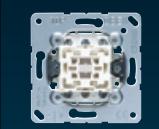
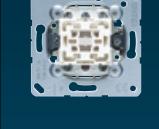
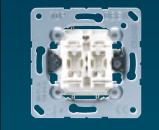
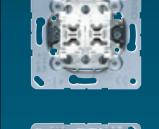
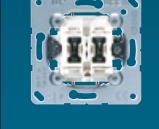
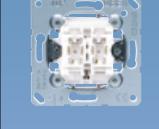


Following is an excerpt about JUNG products and solutions that are specifically relevant for the healthcare sector.

## Inserts

	Ref.-no.
	<b>1-gang switch insert 10 AX / 250 V ~</b> Without claws: ref.-no. with additional "E", e.g.: 506 EU 1-pole, 1-way <b>501 U</b> 2-pole, 1-way <b>502 U</b> 1-pole, 2-way <b>506 U</b> intermediate <b>507 U</b>
	<b>1-gang switch insert 20 AX / 250 V ~</b> Screw terminals for wires up to 4 mm <sup>2</sup> 1-pole, 1-way <b>501-20 U</b> 1-pole, 2-way <b>506-20 U</b> intermediate <b>507-20 U</b>
	<b>1-gang switch insert 16 AX / 400 V ~</b> Screw terminals for wires up to 4 mm <sup>2</sup> Without claws: ref.-no. with additional "E", e.g.: 503 EU 3-pole, 1-way <b>503 U</b>
	<b>1-gang switch insert 10 AX / 250 V ~ with indicator light</b> Neutral conductor required with glow lamp ref.-no. 90 Without claws: ref.-no. with additional "E", e.g.: 506 KOEU 2-pole, 1-way <b>502 KOU</b> 1-pole, 2-way <b>506 KOU</b>
	<b>1-gang switch insert 20 AX / 250 V ~ with indicator light</b> Screw terminals for wires up to 4 mm <sup>2</sup> Neutral conductor required with glow lamp ref.-no. 98-220 1-pole, 1-way <b>501-20 KOU</b> 2-pole, 1-way <b>502-20 KOU</b> 1-pole, 2-way <b>506-20 KOU</b>
	<b>1-gang switch insert 16 AX / 400 V ~ with indicator light</b> Screw terminals for wires up to 4 mm <sup>2</sup> with glow lamp ref.-no. 98 3-pole, 1-way <b>503 KOU</b>
	<b>1-gang push switch insert 10 A / 250 V ~</b> Can be converted into pull cord switch by means of pull cord insert ref.-no. 34 or 34 KO5. Without claws: ref.-no. with additional "E", e.g.: 506 ETU 2-pole, 1-way <b>502 TU</b> 1-pole, 2-way <b>506 TU</b> intermediate <b>507 TU</b>
	<b>1-gang push switch insert 10 A / 250 V ~ with indicator light</b> Neutral conductor required with glow lamp ref.-no. 90 Can be converted into pull cord switch by means of pull cord insert ref.-no. 34 or 34 KO5. Without claws: ref.-no. with additional "E", e.g.: 506 KOETU 2-pole, 1-way <b>502 KOTU</b> 1-pole, 2-way <b>506 KOTU</b>
	<b>1-gang push-button insert 10 A / 250 V ~</b> Can be converted into pull cord push-button by means of pull cord insert ref.-no. 34 or 34 KO5. Without claws: ref.-no. with additional "E", e.g.: 531 EU 1-pole 1-way (NO contact) <b>531 U</b> 1-pole 2-way with terminal for N conductor <b>533 U</b> 1-pole 1-way (NO contact) with separate contacts for indicator light <b>534 U</b>

## Inserts

	Ref.-no.
	<b>1-gang push-button insert 10 A / 250 V ~</b> Can be converted into pull cord push-button by means of pull cord insert ref.-no. 34 or 34 KO5. Without claws: ref.-no. with additional "E", e.g.: 532 EU 2-pole 1-way (NO contact) <b>532 U</b>
	<b>1-gang push-button insert 10 A / 250 V ~</b> Screw terminals for wires up to 2.5 mm <sup>2</sup> Can be converted into pull cord push-button by means of pull cord insert ref.-no. 34 or 34 KO5. 2-pole, 2-way <b>533-2 U</b>
	<b>1-gang multi switch insert 10 A / 250 V ~</b> Screw terminals for wires up to 2.5 mm <sup>2</sup> 1-pole, 2-way NO contacts rocker in neutral position <b>531-41 U</b> No electrical/mechanical interlocking. Only recommended for CD and LS ranges (except metal versions).
	<b>2-gang switch insert 10 AX / 250 V ~</b> Without claws: ref.-no. with additional "E", e.g.: 505 EU 1-pole, 1-way <b>505 U</b> 1-pole, 1-way with 2 glow lamps ref.-no. 94 <b>505 U 5</b>
	<b>2-gang switch insert 10 AX / 250 V ~</b> Screw terminals for wires up to 2.5 mm <sup>2</sup> Without claws: ref.-no. with additional "E", e.g.: 509 EU 1-pole, 2-way <b>509 U</b>
	<b>2-gang switch insert 10 AX / 250 V ~ with indicator light</b> Neutral conductor required 1-pole, 1-way with 2 glow lamps ref.-no. 94 <b>505 KOU 5</b>
	<b>2-gang push switch insert 10 A / 250 V ~</b> Without claws: ref.-no. with additional "E", e.g.: 505 ETU 1-pole, 1-way <b>505 TU</b> 1-pole, 2-way <b>509 TU</b>
	<b>2-gang push-button insert 10 A / 250 V ~</b> Without claws: ref.-no. with additional "E", e.g.: 535 EU 1-pole 1-way (NO contact) <b>535 U</b> 1-pole 1-way (NO contact) with 2 glow lamps ref.-no. 94 <b>535 U 5</b>
	<b>2-gang push-button insert 10 A / 250 V ~</b> Screw terminals for wires up to 2.5 mm <sup>2</sup> Without claws: ref.-no. with additional "E", e.g.: 539 EU 1-pole, 2-way <b>539 U</b>
	<b>2-gang multi switch insert 10 A / 250 V ~</b> Screw terminals for wires up to 2.5 mm <sup>2</sup> 1-pole, 2-way, 2-gang push-button with 4 NO contacts rocker in neutral position <b>532-4 U</b> No electrical/mechanical interlocking. Only recommended for CD and LS ranges (except metal versions).
	<b>1-gang blind switch insert</b> Mechanical interlocking to avoid switching of both rockers at the same time. <b>10 AX 250 V ~</b> 1-pole switch (1 motor) <b>509 VU</b> <b>10 A 250 V ~</b> 1-pole push-button (1 motor) <b>539 VU</b>

## Inserts

Ref.-no.



### 3-gang switch insert 10 AX / 250 V ~

Screw terminals

screw fixing only, without claws  
Only for A and LS ranges.

When mounting/removing the 3-gang rocker,  
the middle part has to be clipped on last or removed first.

1-pole, 1-way      **5301 EU**

1-pole, 2-way      **5306 EU**

Installation into flush box min. 63 mm (depth)



### Timer switch insert 16 AX / 250 V ~

Screw terminals for wires up to 4 mm<sup>2</sup>

accuracy ± 10 %

#### Scale disc anthracite

2-pole, 1-way,  
max. 15 minutes      **11015**

1-pole, 2-way,  
max. 120 minutes      **11120-20**

#### Scale disc white

2-pole, 1-way,  
max. 15 minutes      **11015 WW**

1-pole, 2-way,  
max. 120 minutes      **11120-20 WW**



### Key switch insert with protection against dismounting

Screw terminals for wires up to 2.5 mm<sup>2</sup>  
for locking cylinder with total length of approx. 40 mm,  
e.g. ref.-no.: 28, 28 G1

#### 10 AX 250 V ~

Blind switch  
2-pole (2 motors) \*      **104.28**

#### 10 A 250 V ~

Blind push-button,  
1-pole (1 motor) \*      **134.18**

Blind push-button  
2-pole (2 motors) \*      **134.28**

Push-button, 1-pole  
2-way      **133.18**

Push-button 1-pole

1 NC contact –

1 NO contact      **138.18**

#### 16 AX 250 V ~

Switch  
2-pole, 2-way      **106.28**

\* A pre-travel prevents a quick change of direction.



### Key switch insert without protection against dismounting

Screw terminals for wires up to 2.5 mm<sup>2</sup>  
for locking cylinder with total length of approx. 40 mm,  
e.g. ref.-no.: 28, 28 G1

not suitable for installation in surface caps

Installation depth: min. 55 mm.

No protection against dismounting!

#### 10 AX 250 V ~

Blind switch  
1-pole (1 motor) \*      **104.15**

#### 10 A 250 V ~

Blind push-button, 1-pole  
(1 motor) \*      **134.15**

Push-button, 1-pole  
2-way      **133.15**

#### 16 AX 250 V ~

Switch  
1-pole, 2-way      **106.15**

\* A pre-travel prevents a quick change of direction.

## Inserts and Accessories

Ref.-no.



### Key switch insert with protection against dismounting

Screw terminals for wires up to 2.5 mm<sup>2</sup>  
for locking cylinder with total length of approx. 40 mm,  
e.g. ref.-no.: 28, 28 G1

When using locking cylinder from other manufacturer, please consider, that the cylinder has key access on only one side.  
(Otherwise water can get through the cylinder into the switch housing. IP 44 is thus not guaranteed.)

#### 10 AX 250 V ~

Blind switch

1-pole (1 motor) \*      **IP CD 104.18 WU**

Blind push-button,  
1-pole (1 motor) \*      **IP CD 134.18 WU**

Push-button, 1-pole  
2-way      **IP CD 133.18 WU**

#### 16 AX 250 V ~

Switch

1-pole, 2-way      **IP CD 106.18 WU**

\* A pre-travel prevents a quick change of direction.



### Locking cylinder for key switches

suitable for IP 44

with 3 keys

different locks

**28**

equal locks      **28 G1**



### Key for locking cylinder 28 G1

(Spare part)

1 piece      **28 G1 SL**



### Pull cord insert

for rockers with great lens (.. KO)

**34**

red with 50 mm pull cord

The pull cord insert has to be plugged into a 1-gang cover with lens to extend switches or push-buttons with a cord.  
Suitable inserts: 506 TU, 507 TU, 502 TU, 506 KOTU,  
502 KOTU, 531 U – 534 U, 631 A – 634 A, 331 A



### Pull cord insert

for rockers with lens (.. KO5)

**34 KO5**

The pull cord insert has to be plugged into a 1-gang cover with lens to extend switches or push-buttons with a cord.  
Suitable inserts: 506 TU, 507 TU, 502 TU, 506 KOTU,  
502 KOTU, 531 U – 534 U



### Pull cord

for pull cord inserts ref.-no: 34 and 34 KO5

length: approx. 2000 mm

with spring hook

red      **ZS-34 KO55**



# Lamps

Ref.-no.



## Pilot light insert

Without claws: ref.-no. with additional "E", e.g.: 938-10 EU  
 thread E10, (max. load 5 W) **938-10 U**  
 thread E14, (max. load 5 W) **938-14 U**



## Incandescent lamp

for pilot lights  
 approx. 31 mm long  
 E14, 230 V ~, 3 W  
 white

**E 14-3 W**



## LED cluster lamp

for pilot lights  
 approx. 35 mm long  
 E14, 230 V ~, 1.2 W  
 yellow  
 green  
 red  
 white

**E 14-230 LED GE**  
**E 14-230 LED GN**  
**E 14-230 LED RT**  
**E 14-230 LED W**



## Plug-in glow lamp

for 1-gang switches and push-buttons

white, 230 V ~  
 1.1 mA  
 white, 230 V ~  
 0.5 mA

**90**  
**95**



## Plug-in glow lamp

for 1-gang switches and push-buttons (3-pole)  
 white, 400 V ~

0.5 mA  
 white, 230 V ~  
 1.1 mA

**98**  
**98-220**



## Plug-in glow lamp

for 2-gang switches and push-buttons  
 white, 230 V ~

0.8 mA  
 green, 230 V ~  
 0.8 mA  
 red, 230 V ~  
 0.8 mA

**94**  
**94 GN**  
**94 RT**

# Wall boxes

Ref.-no.



## Wall box

Depth: 46 mm  
 Depth: 63 mm  
 fire resistant up to 650 °C  
 protection level IP 2X  
 device screw distance 60 mm  
 halogen-free  
 for screw and claw fixing  
 break-out openings for wires and tubes Ø 20 mm / 25 mm  
 with 2 installation screws 15 mm



## Wall box for hollow walls, 1-gang

Depth: 47 mm  
 Depth: 61 mm  
**halogen-free, colour: white**  
 Depth: 47 mm  
 Depth: 61 mm



## Wall box

Depth: 40 mm  
 Depth: 50 mm  
 1-gang, rectangular  
 device screw distance 60.3 mm  
 with earth terminal  
 Device screws (M 3 x 30 mm) are included.  
 Wall boxes can be connected for multiple combinations;  
 center-to-center distance 71 mm.



## Plaster compensation frame

black **PCF 6042**



## Screw set

for wall box ref.-no. BS 6042 M-40, BS 6042 M-50  
 M 3 x 30 mm **SCREW-30**  
 M 3 x 50 mm **SCREW-50**  
 M 3 x 70 mm **SCREW-70**

# IAE/UAE, ISDN, TAE

Ref.-no.



## Modular jack socket, cat. 3

with screw connection terminals, suitable for ISDN for 6 (RJ 12) and 8 (RJ 45) pole plugs.

### 8 screw contacts

8-pole

for 1 terminal

**UAE 8 UPO**

2 x 8-pole

for 2 terminals (parallel)

**UAE 2X8 UPO**

### 2 x 8 screw contacts

2 x 8-pole

for 2 terminals (separate)

**UAE 8-8 UPO**



## Modular jack socket, cat. 6 / Class E

for network applications

LSA connection terminal, shielded

variable running of cable without sharp bending from all directions possible

suitable for standard wall boxes

8-pole

for 1 terminal

**UAE 8 UPOK6E**

2 x 8-pole

for 2 terminals (separate)

**UAE 8-8 UPOK6E**



## Modular jack socket, cat. 6 / cat. 6A iso

for network applications

LSA connection terminal, shielded

variable running of cable without sharp bending from all directions possible

suitable for standard wall boxes

8-pole

for 1 terminal

**UAE 8 UPOK6**

2 x 8-pole

for 2 terminals (separate)

**UAE 8-8 UPOK6**



## Centre plates for modular jack sockets:

### for 1 terminal

AS / A ranges: ref.-no. A 569-1 PLUA ..

CD range: ref.-no. CD 569-1 UA .., CD 569-1 NAUA ..

SL range: ref.-no. SL 569-1 UA ..

LS range: ref.-no. LS 969-1 UA .., LS 969-1 NAUA ..,  
.. 2969-1 UA .., .. 2969-1 NAUA ..



### for 2 terminals

AS / A ranges: ref.-no. A 569-2 BFPLUA ..

CD range: ref.-no. CD 569-2 UA .., CD 569-2 NAUA ..,  
CD 590 KL LAN ..

SL range: ref.-no. SL 569-2 UA ..

LS range: ref.-no. LS 969-2 UA .., LS 969-2 NAUA ..,  
.. 2969-2 UA .., .. 2969-2 NAUA ..,  
LS 990 BF KL LAN .., .. 2990 KL LAN ..



## TAE (telephone) socket

### for 1 telephone and 2 additional devices

N-F-N coding

ivory

similar RAL 1013

**TAE 3X6 NFNUPO**

### Covers:

AS / A ranges: ref.-no. A 569 PLT ..

CD range: ref.-no. CD 569 T ..

SL range: ref.-no. SL 569 T ..

LS range: ref.-no. .. 969 T .., .. 2969 T ..

50 x 50: ref.-no. 169 T WW, 169 T SW

# TV-FM sockets

Ref.-no.



## TV-FM socket outlet insert

Screwless terminals

for cable TV and SAT distribution

Housing: torsion-resistant, passivated diecast zinc

**EDU 04 F**

Terminated outlet

**GEDU 10**

Loop through outlet

**GEDU 15**



## SAT-TV-FM socket outlet insert

Screwless terminals

3-gang all-round antenna socket with interconnected frequency bands, thus flexible and future proof.

Suitable for SAT IF and CATV domestic distribution installations.

Seamless CATV and SAT ranges and low distribution attenuation thanks to combined filter-tap structure.

Housing: torsion-resistant, passivated diecast zinc

**EDA 302 F**

Terminated outlet

**GDA 313 F**

## Smart TV socket

with supporting frame, screw fixing only

### Cover with screw fixing and shutter with spring

including universal modular jack socket ref.-no.: UMA-CAT6A and IEC plug module for antenna cables

Installation note: use flush box min. 63 mm deep and right angle plug

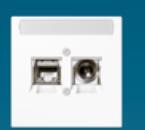


### for AS and A ranges

#### Thermoplastic (breakproof) high-gloss

**MMD A 4521 WW**

white



### for LS range

with inscription field 9 x 58 mm

#### Thermoplastic (breakproof) high-gloss

**MMD LS 4521 WW**

white

## Universal modular jack socket cat. 6A iso

Ref.-no.



### Universal modular jack socket cat. 6A iso, type A

RJ 45, shielded

with dust protection cover

for covers ref.-no.: 169-1 NWE.., 169-2 NWE.., ..569-1 NWE..,

..569-2 NWE.., ..969-1 NWE.., ..969-2 NWE..

suitable for 10 Gbit Ethernet

#### UMA-CAT6A

Can be combined with 2-gang supporting frame ref.-no.: UMA-MA2 and TAE covers of all design ranges.



#### 2-gang supporting frame

for 2 universal modular jack sockets, type A,  
ref.-no. UMA-CAT6A

Can be combined with covers for loudspeaker sockets,  
ref.-no. .. 569 T .., .. 969 T .. of all design ranges.

Installation only in cable duct boxes and floor boxes.

#### UMA-MA2



### Universal modular jack socket cat. 6A iso, type B

RJ 45, shielded

with dust protection cover

for 3-gang supporting frame ref.-no.: UMB-MA3

for cover ref.-no.: ..969-3 NA UA ..

suitable for 10 Gbit Ethernet

#### UMB-CAT6A



#### 3-gang supporting frame

for 3 universal modular jack sockets, type B,

ref.-no. UMB-CAT6A

Can be combined with cover 3-gang ref.-no.: ..969-3 NA UA ..

Installation only in cable duct boxes and floor boxes.

#### UMB-MA3

## WLAN access point

Ref.-no.



### WLAN access point

Power supply AC 230 V ~

#### WLAN-AC-UAE

- Power supply via 230 V line
- Can be operated as a Wireless Access Point, Client, Repeater or Bridge
- Backside screw terminals (5-pole) for LAN cable
- Frontside LAN connection via RJ45 socket
- Integrated WLAN antenna
- WLAN switchable, timer and timer function
- Wireless range adjustable
- Settings via integrated web server
- Installation in flush box according to DIN 49073 (recommendation: deep box)
- Not suitable for installation in surface caps



### WLAN access point PoE

Power over Ethernet

#### WLAN-AC-POE-UAE

- Power supply via PoE (class 3)
- Can be operated as a Wireless Access Point, Client, Repeater or Bridge
- Backside screw terminals (9-pole) for LAN cable
- Frontside LAN connection via RJ45 socket
- PoE provided at frontside connection (Class 2)
- Integrated WLAN antenna
- WLAN switchable, timer and timer function
- Wireless range adjustable
- Settings via integrated web server
- Installation in flush box according to DIN 49073 (recommendation: deep box)
- Not suitable for installation in surface caps

### Covers for WLAN access points:

AS / A ranges: ref.-no.: A 569-1 ..PLUA ..

CD range: ref.-no.: CD 569-1 UA .., CD 569-1 NAUA ..

SL range: ref.-no.: SL 569-1 UA ..

LS range: ref.-no.: ..969-1 UA .., ..969-1 NAUA ..

50 x 50: ref.-no.: 169-1 UAE WW

### Accessories for WLAN access points:

5-port switch: ref.-no. SW 5 REG

Magnet for reset: ref.-no. PL MAGNET 01

# Smart Radio DAB+

Ref.-no.

## Smart Radio DAB+

for installation in single or multiple frames and surface caps

### Intended use

- DAB reception in the frequency range 174 MHz to 240 MHz (VHF band III and channel 13)
- FM reception in the frequency range 87.5 MHz to 108 MHz (VHF band II)
- Installation in flush box according to DIN 49073 (recommendation: deep box)

### Product characteristics

- Digital radio with display and sensor buttons
- Real glass front panel
- Stereo reception
- Connection terminals for two loudspeakers
- Stereo/mono switch-over
- Simple operation
- Integrated antenna for DAB+ and FM
- High reception quality
- Automatic station scan
- Storage of 8 favourites DAB+ and 8 favourites FM (will be retained after voltage failure)
- Switch-on with last station
- Switch-on with last volume
- Switch-on with last operation mode (DAB+ or FM)
- Display of station information, time and current settings
- Current time via RDS and DAB+
- Brightness level of display can be adjusted
- Night mode
- Alarm function
- Sleep mode
- Switching on/off via extension unit
- Line-out output (AUX) to connect external amplifiers
- Optional external cable antenna ref.-no.: RAD-ANT

## Smart Radio DAB+

including power supply

### for AS and A ranges

white

**DAB A WW**



### for LS range

white

**DAB LS WW**



### External cable antenna

for connection to the Smart Radio DAB+  
ref.-no. DAB .. and DAB .. BT ..

**RAD-ANT**



### Power supply

for the Smart Radio DAB+ ref.-no. DAB .. and DAB .. BT ..  
(Spare part)

**NT-AUDIO**

# Smart Radio DAB+

Ref.-no.

## Display

for the Smart Radio DAB+ ref.-no. DAB ..  
(Spare part)



### for AS and A ranges

white

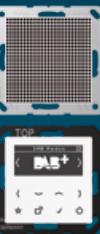
**DAB A-DISP WW**



### for LS range

white

**DAB LS-DISP WW**



## Smart Radio DAB+, mono set

including power supply  
with one loudspeaker



### for LS range

with white display

loudspeaker white

**DAB LS1 WW**



with black display

loudspeaker aluminium

loudspeaker stainless steel

**DAB AL1**

**DAB ES1**

## Smart Radio DAB+, stereo set

including power supply  
with two loudspeakers

### for AS and A ranges

with white display

loudspeaker white

**DAB A2 WW**

### for LS range

with white display

loudspeaker white

**DAB LS2 WW**

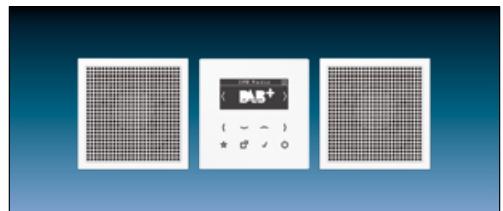
with black display

loudspeaker aluminium

loudspeaker stainless steel

**DAB AL2**

**DAB ES2**



# Smart Radio DAB+ Bluetooth

Ref.-no.

## Smart Radio DAB+ Bluetooth

for installation in single or multiple frames and surface caps

### Intended use

- DAB reception in the frequency range 174 MHz to 240 MHz (VHF band III and channel 13)
- FM reception in the frequency range 87.5 MHz to 108 MHz (VHF band II)
- Playback and control of music on mobile devices via Bluetooth
- Installation in flush box according to DIN 49073 (recommendation: deep box)

### Product characteristics

- Digital radio with display and sensor buttons
- Real glass front panel
- Stereo reception
- Connection terminals for two loudspeakers
- Stereo/mono switch-over
- Simple operation
- Integrated antenna for DAB+ and FM
- High reception quality
- Automatic station scan
- Storage of 8 favourites DAB+ and 8 favourites FM (will be retained after voltage failure)
- Storage of 8 Bluetooth audio sources
- Bluetooth device name can be changed
- Switch-on with last station
- Switch-on with last volume
- Switch-on with last operation mode (DAB+, FM or Bluetooth)
- Display of station information, time and current settings
- Current time via RDS and DAB+
- Brightness level of display can be adjusted
- Night mode
- Alarm function
- Sleep mode
- Switching on/off via extension unit
- Line-out output (AUX) to connect external amplifiers
- Optional external cable antenna ref.-no.: RAD-ANT

## Smart Radio DAB+ Bluetooth

including power supply

### for AS and A ranges

white

**DAB A BT WW**



### for LS range

white

**DAB LS BT WW**



### External cable antenna

for connection to the Smart Radio DAB+ ref.-no. DAB .. and DAB .. BT ..

**RAD-ANT**

### Power supply

for the Smart Radio DAB+ ref.-no. DAB .. and DAB .. BT .. (Spare part)

**NT-AUDIO**

# Smart Radio DAB+ Bluetooth

Ref.-no.

## Display

for the Smart Radio DAB+ Bluetooth ref.-no. DAB .. BT .. (Spare part)



### for AS and A ranges

white

**DAB A BT-DISP WW**



### for LS range

white

**DAB LS BT-DISP WW**



## Smart Radio DAB+ Bluetooth, mono set

including power supply  
with one loudspeaker



### for AS and A ranges

#### with white display

loudspeaker white

**DAB A1 BT WW**



### for LS range

#### with white display

loudspeaker white

**DAB LS1 BT WW**



#### with black display

loudspeaker aluminium

**DAB AL1 BT**



loudspeaker stainless steel

**DAB ES1 BT**

## Smart Radio DAB+ Bluetooth, stereo set

including power supply  
with two loudspeakers

### for AS and A ranges

#### with white display

loudspeaker white

**DAB A2 BT WW**

### for LS range

#### with white display

loudspeaker white

**DAB LS2 BT WW**

#### with black display

loudspeaker aluminium

**DAB AL2 BT**

loudspeaker stainless steel

**DAB ES2 BT**



## Multimedia terminals

Ref.-no.



**Cinch Audio (RCA)**  
with supporting frame, screw fixing only

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white MA A 1021 WW



for LS range

Thermoplastic (breakproof) high-gloss  
white MA LS 1021 WW



**VGA**

with supporting frame, screw fixing only

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white MA A 1102 WW



for LS range

Thermoplastic (breakproof) high-gloss  
white MA LS 1102 WW



**HDMI**

with supporting frame, screw fixing only

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white MA A 1112 WW



for LS range

Thermoplastic (breakproof) high-gloss  
white MA LS 1112 WW



**USB 2.0**

with supporting frame, screw fixing only

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white MA A 1122 WW



for LS range

Thermoplastic (breakproof) high-gloss  
white MA LS 1122 WW

## Multimedia terminals

Ref.-no.



**Cinch Audio (RCA) / Stereo Jack (TRS 3.5 mm) / HDMI**  
with supporting frame, screw fixing only

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white MA A 1082 WW



for LS range

Thermoplastic (breakproof) high-gloss  
white MA LS 1082 WW



**2 x USB 2.0**

with supporting frame, screw fixing only

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white MA A 1153 WW



for LS range

Thermoplastic (breakproof) high-gloss  
white MA LS 1153 WW



**HDMI / USB 2.0**

with supporting frame, screw fixing only

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white MA A 1163 WW



for LS range

Thermoplastic (breakproof) high-gloss  
white MA LS 1163 WW



**HDMI / VGA**

with supporting frame, screw fixing only

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white MA A 1173 WW



for LS range

Thermoplastic (breakproof) high-gloss  
white MA LS 1173 WW

# USB charger

Ref.-no.



## USB charger

with 2 USB ports type A  
screw fixing only, without claws

white **USB 3-2 WW**  
black **USB 3-2 SW**

### Technical data:

Input voltage: AC 100 ... 240 V ~, 50/60 Hz

Output voltage: DC 5 V ( $\pm 5\%$ )

Output current

at AC 120 ... 240 V ~: max. 3000 mA  
at AC 90 ... 108 V ~: max. 2500 mA



## USB charger

with 1 USB port type A and 1 USB port type C  
screw fixing only, without claws

white **USB 15 CA WW**  
black **USB 15 CA SW**

### Technical data:

Input voltage: AC 100 ... 240 V ~, 50/60 Hz

Output voltage: DC 5 V ( $\pm 5\%$ )

Output current

at AC 120 ... 240 V ~: max. 3000 mA  
at AC 90 ... 108 V ~: max. 2500 mA



## Centre plate

for USB charger ref.-no.: USB 3-2 WW, USB 3-2 SW,  
USB 15 CA WW, USB 15 CA SW



## for LS range

**Thermoplastic (breakproof) high-gloss**  
white **LS 1969 USB WW**

**metal versions**  
aluminium **AL 1969 USB**  
stainless steel **ES 1969 USB**



## Hinged lid

### with symbol "charger"

for USB charger ref.-no.: USB 3-2 WW, USB 3-2 SW,  
USB 15 CA WW, USB 15 CA SW  
including centre plate

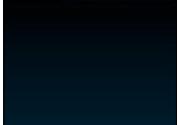
## for LS range with spring

**Thermoplastic (breakproof) high-gloss**  
white **LS 990 BFKL USB WW**

**metal versions**  
aluminium **AL 2990 KL USB**  
stainless steel **ES 2990 KL USB**

# Smoke alarm device and Observer

Ref.-no.



## Smoke alarm device

### Product characteristics

- Replaceable insect screen
- Lithium battery with protective passivation
- 12 years battery life
- Bi-sensor processor technology (smoke + heat)
- Real alarm with maximum precision
- Qualified for kitchens
- 88 dB alarm signal at 3 m distance
- Dimensions (Ø x H): 10 x 3.8 cm
- Detection range: up to 60 m<sup>2</sup>  
(depending on installation location)
- Optimum storing temperature: +10 ... +35 °C,  
<70 % relative humidity
- Large user-friendly test/stop button (78 cm<sup>2</sup>)
- Magnetic mount for adhesive fixing or screw fixing
- Complies with the increased requirements  
vfdb Directive 14-01
- CE according to EN 14604:2005/AC:2008
- TÜV Nord Cert (Kriwan no. 1772-CPR-150500)



## Smoke alarm device

white **RWM 200 WW**  
black **RWM 200 SW**



## Insect screen

Set of 48 insect screens and 96 seals  
(Spare part)  
for smoke alarm devices ref.-no.: .. RWM 200 ..  
**RWM 200-G**



## Magnet holder set

(Spare part)  
for smoke alarm devices ref.-no.: .. RWM ..  
**RWM-MTS**



## Observer 220° with digital signal evaluation

PIR sensor  
detection range: approx. 220°, approx. 16 x 20 m,  
with separate undercrawling protection

nominal range approx. 16 m at a mounting height of 2.40 m  
3 detection levels

Protection level IP 55

white **W 220 WW**  
AC 230 V ~, 50/60 Hz

# Call systems

Ref.-no.



## Emergency system

The JUNG emergency system is a well-conceived, complete set for emergency calls in WCs or en-suite bathrooms in old people's homes and nursing homes or WC facilities in public buildings. It ensures that a person in need of help can sound the alarm in an emergency and meets all the safety-related requirements in accordance with DIN VDE 0834.

The emergency system is a modular distributed system. The following four components are available as a complete emergency system set:

- Pull cord push-button  
An emergency call can be triggered in the bathroom/WC
- via an easily accessible pull cord. The pull cord push-button can also be installed in the middle of the room on the ceiling so that it is easily accessible for people in need of help. A red lamp on the switch signals that the emergency call has been triggered successfully.
- Emergency signal  
The emergency signal can e.g. be installed outside next to the WC door or landing door. A triggered emergency call is signalled visually by a red LED and acoustically by a buzzer, 90 dB(A). Both signals can, if required, be changed from continuous light/continuous tone to flashing light/pulsing tone.
- Reset button  
The reset button is installed next to the door in the same room as the pull cord push-button. The assisting personnel can reset the triggered call.
- Power supply for the emergency call system with DC 24 V

The **service unit** and the **call button** are separately available. The service unit can be installed in addition to the components of the emergency set e.g. in a staff room or lobby. A green button indicates presence while a yellow button suppresses the acoustic emergency signal for 20 seconds. The call button has an additional control for triggering an emergency call.

The emergency system is available for the AS / A, CD and LS design ranges to complete a unique design in a building. The design frames are part of the system set. For a system extension all components are available separately.

## Emergency system set consists of pull cord push-button, emergency signal, reset button and power supply

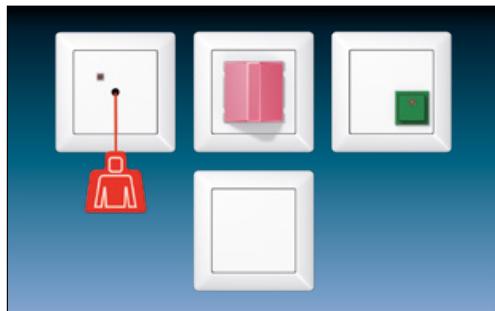
screw fixing only, without claws  
with 1-gang frames

### for AS range

white NRS AS 0834 WW

### for LS range

white NRS LS 0834 WW



# Call systems

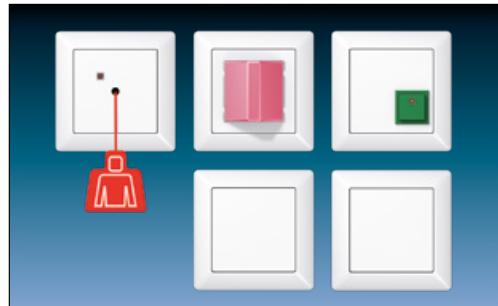
Ref.-no.

## Emergency system set with UPS

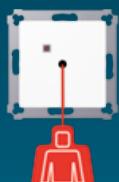
consists of pull cord push-button, emergency signal, reset button, power supply and UPS module  
screw fixing only, without claws  
with 1-gang frames  
**for AS range**  
white  
**for LS range**  
white

NRS AS 0834-2 WW

NRS LS 0834-2 WW



## Single components (spare parts):



### Pull cord push-button

screw fixing only, without claws  
without frame  
**for AS and A ranges**  
Thermoplastic (breakproof) high-gloss  
white NRS AS 0834 ZT WW

### for LS range

Thermoplastic (breakproof) high-gloss  
white NRS LS 0834 ZT WW  
pull cord ref.-no.: ZS-34 KO5S included



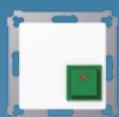
### Pull cord

length: approx. 2000 mm  
with spring hook  
red ZS-34 KO5S



### Emergency signal

screw fixing only, without claws  
without frame  
**for AS and A ranges**  
Thermoplastic (breakproof) high-gloss  
white NRS AS 0834 RM WW  
**for LS range**  
Thermoplastic (breakproof) high-gloss  
white NRS LS 0834 RM WW



### Reset button

screw fixing only, without claws  
without frame  
**for AS and A ranges**  
Thermoplastic (breakproof) high-gloss  
white NRS AS 0834 AT WW

### for LS range

Thermoplastic (breakproof) high-gloss  
white NRS LS 0834 AT WW



### Power supply

screw fixing only, without claws  
without frame  
**for AS and A ranges**  
Thermoplastic (breakproof) high-gloss  
white NRS AS 0834 NT WW  
**for LS range**  
Thermoplastic (breakproof) high-gloss  
white NRS LS 0834 NT WW

# Call systems

Ref.-no.



## Optional:

### UPS module

screw fixing only, without claws  
without frame  
for bridging power failures

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white NRS AS 0834 USV WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white NRS LS 0834 USV WW



## Battery (rechargeable) for UPS module (Spare part)

NRS AKKU 130



## Service unit

screw fixing only, without claws  
without frame

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white NRS AS 0834 DZE WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white NRS LS 0834 DZE WW



## Service terminal

### Thermoplastic (breakproof) high-gloss

white NRS DZT 20 WW

- central remote signalling from up to 20 alarms
- optical and acoustical signalling
- two-line display for indication of the alarms
- programmable alarm messages with up to 16 characters for allocating the alarms
- 20 electrically isolated inputs with one ground
- evaluation of standby- and operating current
- Suppression of the acoustical alarms for 20 seconds
- green presence push-button
- yellow alarm suppression push-button
- programmable with the PC
- USB-cable and Software (multi-language) included
- power supply 24 V DC
- inputs 24 V DC
- for screw-fixing in a wall box without claws
- Dimensions: 145 x 100 x 24 mm (H x W x D)



## Surface-mounted housing

for service terminal ref.-no.: NRS DZT 20 WW

### Thermoplastic (breakproof) high-gloss

white NRS DZT AP WW

Dimensions: 100 x 145 x 25 mm (W x H x D)



## Call button

screw fixing only, without claws  
without frame

An additional control for triggering an emergency call.

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white NRS AS 0834 RT WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white NRS LS 0834 RT WW

# Call systems

Ref.-no.



## Centre plate for Ackermann, type 73022 A 2

call button with lamp

call button: red

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white A 022 A-1 WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white LS 022 A-1 WW



## Centre plate for Ackermann, type 73022 A 2

call button with lamp

call button: blue

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white A 022 A-2 WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white LS 022 A-2 WW



## Centre plate for Ackermann, type 73642 D

reset button with lamp

reset button: yellow

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white A 642 D WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white LS 642 D WW



## Centre plate for Ackermann, type 73642 C

reset button with lamp

reset button: green

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white A 642 C WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white LS 642 C WW



## Centre plate for Ackermann, type 73642 E

reset buttons with lamp

reset buttons: yellow and green

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white A 642 E WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white LS 642 E WW



## Centre plate for Ackermann, type 73642 B 2

call / reset button with lamp

call button: red

reset button: green

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white A 642 B-1 WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white LS 642 B-1 WW



## Centre plate for Ackermann, type 73642 B

- nurse room -

reset / acknowledgement button with lamp

reset button: green

acknowledgement button: white

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white A 642 B-2 WW

### for LS range

**Thermoplastic (breakproof) high-gloss**  
white LS 642 B-2 WW

## Call systems

Ref.-no.



### Centre plate for Ackermann, type 73073 F

call module with call button

call button: red

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 071 C WW

for LS range

Thermoplastic (breakproof) high-gloss  
white LS 071 C WW



### Centre plate for Ackermann, types 73071 and 73075 A

call module with call button and plug contact

call button: red

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 071 B WW

for LS range

Thermoplastic (breakproof) high-gloss  
white LS 071 B WW



### Centre plate for Ackermann, types 73075 D and 73075 B

call module with call button and plug contacts

call button: red

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 071 A WW

for LS range

Thermoplastic (breakproof) high-gloss  
white LS 071 A WW



### Centre plate for Ackermann, types 74189 A and 74189 L

dropping plug-and-socket connector

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 189 A WW

for LS range

Thermoplastic (breakproof) high-gloss  
white LS 189 A WW



### Centre plate for Zettler VarioLine, series 125.xxx

Call button for patient call

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 525.201 WW



### Centre plate for Zettler VarioLine, series 125.xxx

Call button for patient/nurse emergency call  
and presence button

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 525.202 WW



### Centre plate for Zettler VarioLine, series 125.xxx

Universal plug-in device

e.g. for call button

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 525.050 WW



### Centre plate for Zettler VarioLine, series 125.xxx

Call button for patient call  
and universal plug-in device

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 525.251 WW



### Centre plate for Zettler VarioLine, series 125.xxx

Call button for patient call, call reset button  
and universal plug-in device

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 525.252 WW



### Centre plate for Zettler VarioLine, series 125.xxx

Call button for WC call  
pull cord panel and pneumatic switch

for AS and A ranges

Thermoplastic (breakproof) high-gloss  
white A 525.060 WW

## Call systems

Ref.-no.



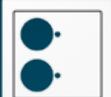
**Centre plate for Zettler VarioLine, series 127.xxx**  
Call button for patient call  
**for AS and A ranges**  
**Thermoplastic (breakproof) high-gloss**  
white A 527.201 WW



**for LS range**  
**Thermoplastic (breakproof) high-gloss**  
white LS 927.201 WW



**Centre plate for Zettler VarioLine, series 127.xxx**  
Call button for patient/nurse emergency call  
and presence button  
**for AS and A ranges**  
**Thermoplastic (breakproof) high-gloss**  
white A 527.202 WW



**for LS range**  
**Thermoplastic (breakproof) high-gloss**  
white LS 927.202 WW



**Centre plate for Zettler VarioLine, series 127.xxx**  
Universal plug-in device  
e.g. for call button  
**for AS and A ranges**  
**Thermoplastic (breakproof) high-gloss**  
white A 527.050 WW



**for LS range**  
**Thermoplastic (breakproof) high-gloss**  
white LS 927.050 WW

## Call systems

Ref.-no.



**Centre plate for Zettler VarioLine, series 127.xxx**  
Call button for patient call  
and universal plug-in device  
**for AS and A ranges**  
**Thermoplastic (breakproof) high-gloss**  
white A 527.251 WW



**for LS range**  
**Thermoplastic (breakproof) high-gloss**  
white LS 927.251 WW



**Centre plate for Zettler VarioLine, series 127.xxx**  
Call button for patient call, call reset button  
and universal plug-in device  
**for AS and A ranges**  
**Thermoplastic (breakproof) high-gloss**  
white A 527.252 WW



**for LS range**  
**Thermoplastic (breakproof) high-gloss**  
white LS 927.252 WW



**Centre plate for Zettler VarioLine, series 127.xxx**  
Call button for WC call  
pull cord panel and pneumatic switch  
**for AS and A ranges**  
**Thermoplastic (breakproof) high-gloss**  
white A 527.060 WW



**for LS range**  
**Thermoplastic (breakproof) high-gloss**  
white LS 927.060 WW

## Oversize rocker

Ref.-no.

**Installation note:** No plaster compensation possible.  
Insert must be mounted flush with the wall. Supporting frame must be on top of wallpaper.

### Oversize rocker (70 x 212.4 mm)

for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U, 501-20 U, 506-20 U, 507-20 U  
for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU  
for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
stainless steel ES 2993  
white (stainless steel)  
lacquered) ES 2993 WW  
Protection level IP 44 only possible with 3-gang frame!

### Oversize rocker (70 x 212.4 mm) with lens

for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU  
for push switch insert with indicator light ref.-no.: 502 KOTU, 506 KOTU  
for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
stainless steel ES 2993 KO5  
white (stainless steel)  
lacquered) ES 2993 KO5 WW  
Protection level IP 44 only possible with 3-gang frame!

### Frame

#### for horizontal and vertical installation

3-gang 81 x 223 x 11 mm  
4-gang 81 x 294 x 11 mm  
5-gang 81 x 365 x 11 mm

#### stainless steel

3-gang ES 2983  
4-gang ES 2984  
5-gang ES 2985

#### white (stainless steel lacquered)

3-gang ES 2983 WW  
4-gang ES 2984 WW  
5-gang ES 2985 WW

## Oversize rocker

Ref.-no.

**Surface cap**  
**3-gang, 223 x 81 x 47 mm**  
stainless steel (lacquered) **ES 2583 A-L**  
**Duroplastic (scratch-proof) glossy white** **LS 583 A WW**



#### Strain relief for surface caps

for cables 3 x 1.5 mm<sup>2</sup> up to 5 x 2.5 mm<sup>2</sup> (Ø 7 up to 13 mm) **58 A ZUG**



#### Inlets for cables, pipes and trunkings in surface caps

for cable and mini trunking white **11 WW**



#### for trunking 15 x 15 mm

white **12 WW**



#### for pipes with outside Ø 16 mm

white **13 WW**



#### Sealing gasket

to ensure protection level IP 44,  
for all flush-mounted switch/push-button inserts  
of the 500 range,  
SCHUKO® sockets with hinged lid,  
rotary switches and timer switch inserts,  
for all devices/covers with blue "IP 44 marking"  
in some cases with additional gaskets acc. to  
product description **551 WU**



# LED technology

Ref.-no.



## LED pilot light

for glass cover ref.-no.: .. CU KO6 TX ..

### LED KO6 TX 24

- Customised labelling, symbols or text in combination with glass cover
- Backlight in white, red, green or orange
- Color change via separate switch, e.g. ref.-no.: 505 U or 505 KO5 VEU M 24 (not included)

## Glass cover

for LED pilot light ref.-no.: LED KO6 TX 24

The glass cover can be customised individually by using the Graphic Tool.

Order only via Graphic Tool: [www.jung.de/gt](http://www.jung.de/gt)

253

## for AS and A ranges

white  
black

■ A CU KO6 TX WW  
■ A CU KO6 TX SW

253

## for LS range

white  
black

■ LS CU KO6 TX WW  
■ LS CU KO6 TX SW

301-331

## Glass cover 2-gang

for 2 LED pilot lights ref.-no.: LED KO6 TX 24  
The glass cover can be customised individually by using the Graphic Tool.

Order only via Graphic Tool: [www.jung.de/gt](http://www.jung.de/gt)

white  
black

■ LS CU KO6 TX-2 WW  
■ LS CU KO6 TX-2 SW

# LED technology

Ref.-no.



## Power supply insert

Terminals: L, N, L'

Power consumption: 2 x 5.4 VA / 1 W

Not dimmable.

AC 230/240 V ~

50 Hz

SV 539 LED



## Power supply insert

Terminals: F<sub>1</sub>, L, F<sub>2</sub>

Power consumption: 2 x 1.5 VA / 1 W

Not dimmable.

AC 9 ... 36 V ~

50 Hz; DC 12 ... 48 V

SV 539-948 LED



## LED info sign

with neutral inscription field.

Dimensions: Info sign 71 x 71 mm

(complete device 71 x 142 mm).

Operation only with power supply

ref.-no. SV 539 LED or SV 539-948 LED.

For complete installation a frame of the respective design range (LS/AL/ES) is required.

## with white LEDs

white (aluminium lacquered) LS 539 N71WWLED W

## metal versions

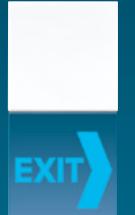
aluminium

stainless steel

(aluminium lacquered)

AL 2539 N71LED W

ES 2539 N71LED W



## LED info sign

with neutral inscription field.

Dimensions: Info sign 71 x 71 mm

(complete device 71 x 142 mm).

Operation only with power supply

ref.-no. SV 539 LED or SV 539-948 LED.

For complete installation a frame of the respective design range (LS/AL/ES) is required.

## with RGB LEDs

white (aluminium lacquered) LS 539 N71WW RGB

## metal versions

aluminium

stainless steel

(aluminium lacquered)

AL 2539 N71 RGB

ES 2539 N71 RGB

For individual inscriptions on LED info signs

please visit our website

[www.jung.de/en > Service > LED Info signs – Inscription](http://www.jung.de/en > Service > LED Info signs – Inscription)

# LED technology

Ref.-no.



## LED red/green pilot light

Operation only with power supply  
ref.-no. SV 539 LED or SV 539-948 LED.  
Device with two light pads.  
Connection of L and N for green LEDs, L' and N for red LEDs.  
The inscription is possible with printings on transparent foil.  
white (aluminium lacquered) **LS 539-2 WW LED RG**  
**metal versions**  
aluminium **AL 2539-2 LED RG**  
stainless steel (aluminium lacquered) **ES 2539-2 LED RG**



## LED pilot light with white and blue LEDs

Operation only with power supply  
ref.-no. SV 539 LED or SV 539-948 LED.  
The inscription is possible with printings on transparent foil.  
white (aluminium lacquered) **LS 539 WW LEDWB**  
**metal versions**  
aluminium **AL 2539 LEDWB**  
stainless steel (aluminium lacquered) **ES 2539 LEDWB**



## LED pilot light with RGB LEDs

Operation only with power supply  
ref.-no. SV 539 LED or SV 539-948 LED.  
The inscription is possible with printings on transparent foil.  
white (aluminium lacquered) **LS 539 WW RGB**  
**metal versions**  
aluminium **AL 2539 RGB**  
stainless steel (aluminium lacquered) **ES 2539 RGB**



## LED reading light with white LEDs

Operation only with power supply  
ref.-no. SV 539 LED or SV 539-948 LED.  
Connect L, L' and N or F<sub>1</sub>, F<sub>2</sub> and ⊥ of the power supply.  
white (aluminium lacquered) **LS 539 WW LED LW-12**  
**metal versions**  
aluminium **AL 2539 LED LW-12**  
stainless steel (aluminium lacquered) **ES 2539 LED LW-12**

# Floor pilot light

Ref.-no.



## SCHUKO® socket 16 A / 250 V ~ with LED floor pilot light with integrated brightness sensor with child protection (shutter)

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption stand-by / ON: 0.3 / 0.5 W  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**  
white **A 1520-O WW LNW**



## LED floor pilot light with integrated brightness sensor

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption stand-by / ON: 0.3 / 0.5 W  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**  
white **A 1539-O WW LNW**



## LED floor pilot light

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption (ON): 0.5 W  
The floor pilot light can be switched via an external switch.  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**  
white **A 1539-OO WW LNW**



## SCHUKO® socket 16 A / 250 V ~ with LED floor pilot light with integrated brightness sensor with child protection (shutter)

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption stand-by / ON: 0.3 / 0.5 W  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**  
white **LS 1520-O WW LNW**

**metal versions (lacquered)**  
aluminium **AL 1520-O LNW**  
stainless steel **ES 1520-O LNW**



## LED floor pilot light with integrated brightness sensor

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption stand-by / ON: 0.3 / 0.5 W  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**  
white **LS 1539-O WW LNW**

**metal versions (lacquered)**  
aluminium **AL 1539-O LNW**  
stainless steel **ES 1539-O LNW**



## LED floor pilot light

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption (ON): 0.5 W  
The floor pilot light can be switched via an external switch.  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**  
white **LS 1539-OO WW LNW**

**metal versions (lacquered)**  
aluminium **AL 1539-OO LNW**  
stainless steel **ES 1539-OO LNW**

# Plug & Light

Ref.-no.



## Power supply Plug & Light

### PL 08 U

- Ballast for switching and dimming light attachments from the Plug & Light system
  - Connection to switch, switch inserts with relay contact, electronic switch inserts (trailing edge phase control principle, ref.-no. 1704 ESE), 2-wire LED dimmer (trailing edge phase control principle) and 3-wire LED dimmer (trailing edge phase control principle)
  - Compatible dimmers: ref.-no. 1224 LED UDE, 1710 DE, 1711 DE, 1730 DD, 1731 DD, 1724 DM, UD 1755 REG, ULZ 1755 REG, FM UD 420250 REG, FM UD 5500 REG, FM UD 20250 UP, 3901 REGHE, 3902 REGHE, 3904 REGHE
  - Installation in flush box according to DIN 49073
- Rated voltage: AC 230 V ~, 50/60 Hz  
Output voltage: DC 12 V SELV  
Connected load: max. 8 W

## Centre plate

for power supply Plug & Light, ref.-no.: PL 08 U

- Magnetic fixing of light attachments
- Mechanical securing of light attachments for ceiling mounting and as dismantling protection
- Electrical coupling via gold-plated sliding contacts

## for A range

### Thermoplastic (breakproof) high-gloss

white PL A DMS WW

### Thermoplastic (breakproof) lacquered

aluminium PL A DMS AL



## for LS range

### Thermoplastic (breakproof) high-gloss

white PL LS DMS WW

### metal versions

aluminium (lacquered) PL AL DMS-L  
stainless steel (lacquered) PL ES DMS-L



## Release magnet

for dismantling Plug & Light luminaires can also be used to reset WLAN access points ref.-no. WLAN-AC-..

### PL MAGNET 01



# Plug & Light

Ref.-no.



## LED wall luminaire Plug & Light

for power supply Plug & Light, ref.-no.: PL 08 U

### Thermoplastic (breakproof) high-gloss

white PL F1 D05 WW

### metal versions (lacquered)

aluminium PL F1 D05 AL-L  
stainless steel PL F1 D05 ES-L

- Dimming with suitable LED dimmer at constant colour temperature of 2700 K
- Flicker-free light over the entire dimming range
- Light attachment can be changed during ongoing operation
- Stepless rotation through 360°

Power consumption: 4.1 W

Energy efficiency class: A++ to A

This luminaire contains built-in LED lamps.

The lamps can not be replaced in the luminaire.



## LED wall luminaire (warm dim) Plug & Light

for power supply Plug & Light, ref.-no.: PL 08 U

### Thermoplastic (breakproof) high-gloss

white PL F1 WD05 WW

### metal versions (lacquered)

aluminium PL F1 WD05 AL-L  
stainless steel PL F1 WD05 ES-L

- Changing the colour temperature between 2700 K and 4000 K with simultaneous brightness increase from minimum to maximum, with suitable LED dimmer
- Flicker-free light over the entire dimming range
- Light attachment can be changed during ongoing operation
- Stepless rotation through 360°

Power consumption: 4.1 W

Energy efficiency class: A++ to A

This luminaire contains built-in LED lamps.

The lamps can not be replaced in the luminaire.



## LED spotlight Plug & Light

for power supply Plug & Light, ref.-no.: PL 08 U

white PL S1 D05 WW

white – black PL S1 D05 WW SW

aluminium – black PL S1 D05 AL SW

- Dimming with suitable LED dimmer at constant colour temperature of 2700 K
- Flicker-free light over the entire dimming range
- Light attachment can be changed during ongoing operation
- Adjustable anti-glare ring via 3 latch positions (5, 10 and 15 mm)
- Swivelling by 90°
- Stepless rotation through 360°

Power consumption: 5.6 W

Energy efficiency class: A++ to A

This luminaire contains built-in LED lamps.

The lamps can not be replaced in the luminaire.



## LED spotlight (warm dim) Plug & Light

for power supply Plug & Light, ref.-no.: PL 08 U

white PL S1 WD05 WW

white – black PL S1 WD05 WW SW

aluminium – black PL S1 WD05 AL SW

- Changing the colour temperature between 2700 K and 4000 K with simultaneous brightness increase from minimum to maximum, with suitable LED dimmer
- Flicker-free light over the entire dimming range
- Light attachment can be changed during ongoing operation
- Adjustable anti-glare ring via 3 latch positions (5, 10 and 15 mm)
- Swivelling by 90°
- Stepless rotation through 360°

Power consumption: 5.6 W

Energy efficiency class: A++ to A

This luminaire contains built-in LED lamps.

The lamps can not be replaced in the luminaire.

# LB Management

Ref.-no.



## Standard blinds insert

without satellite input  
for covers

ref.-no.: .. 1700 .., .. 1701 .., .. 1750 D .., .. 1751 BT ..  
**1730 JE**

- Controlling electrically driven blinds, rolling shutters and awnings
  - Automatic control via timer
  - Pole changing of outputs for simplified commissioning from version V01 upwards
  - Saving of a ventilation position possible using the cover
- Rated voltage: AC 230 V ~, 50/60 Hz  
Motor load: 700 W



## Universal blinds insert

with satellite input  
for covers

ref.-no.: .. 1700 .., .. 1701 .., .. 1750 D .., .. 1751 BT ..  
**1731 JE**

- Controlling electrically driven blinds, rolling shutters and awnings
  - Automatic control via timer
  - The integration into group controls or master controls is possible by means of extension inputs
  - Wind alarm interlock via the extension input
  - Pole changing of outputs for simplified commissioning from version V01 upwards
  - Saving of a ventilation position possible using the cover
- Rated voltage: AC 230 V ~, 50/60 Hz  
Motor load: 700 W



## Standard touch dimmer insert LED

without satellite input  
for covers

ref.-no.: .. 1700 .., .. 1701 .., .. 1750 D .., .. 1751 BT ..,  
.. 17180 .., .. 17280 .., .. 17181 .., .. 17281 .., DWPM 17360 ..  
**1710 DE**

Rated voltage: AC 230 V ~, 50/60 Hz  
Incandescent lamps: 20 ... 210 W  
HV halogen lamps: 20 ... 210 W  
Electronic transformers: 20 ... 210 W  
Electronic transformers with LV LED: 20 ... 60 W  
Inductive transformers: 20 ... 210 VA  
Inductive transformers with LV LED: 20 ... 60 VA  
Dimmable HV LED lamps: 3 ... 60 W  
Dimmable compact fluorescent lamps: 3 ... 60 W  
Operating mode LED trailing edge phase control:  
Rated power for HV LED lamps, typ. 3 ... 120 W,  
electronic transformers with LV LED typ. 20 ... 120 W.  
Ohmic-capacitive: 20 ... 210 W  
Capacitive-inductive: not permitted  
Ohmic and HV LED: 3 ... 60 W  
Ohmic and CFL: 3 ... 60 W

# LB Management

Ref.-no.

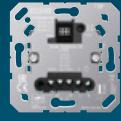


## Universal touch dimmer insert LED

with satellite input  
for covers

ref.-no.: .. 1700 .., .. 1701 .., .. 1750 D .., .. 1751 BT ..,  
.. 17180 .., .. 17280 .., .. 17181 .., .. 17281 .., DWPM 17360 ..  
**1711 DE**

Rated voltage: AC 230 V ~, 50/60 Hz  
Incandescent lamps: 20 ... 420 W  
HV halogen lamps: 20 ... 420 W  
Electronic transformers: 20 ... 420 W  
Electronic transformers with LV LED: 20 ... 100 W  
Inductive transformers: 20 ... 420 VA  
Inductive transformers with LV LED: 20 ... 100 VA  
Dimmable HV LED lamps: 3 ... 100 W  
Dimmable compact fluorescent lamps: 3 ... 100 W  
Operating mode LED trailing edge phase control:  
Rated power for HV LED lamps, typ. 3 ... 200 W,  
electronic transformers with LV LED typ. 20 ... 200 W.  
Ohmic-capacitive: 20 ... 420 W  
Capacitive-inductive: not permitted  
Ohmic-inductive: 20 ... 420 VA  
Ohmic and HV LED: 3 ... 100 W  
Ohmic and CFL: 3 ... 100 W



## Universal 2-gang touch dimmer insert LED

with satellite input  
for covers ref.-no.: .. 1702 ..  
**1712 DE**

Rated voltage: AC 230 V ~, 50/60 Hz  
Connected load per output  
Incandescent lamps: 20 ... 210 W  
HV halogen lamps: 20 ... 210 W  
Electronic transformers: 20 ... 210 W  
Electronic transformers with LV LED: 20 ... 50 W  
Inductive transformers: 20 ... 210 VA  
Inductive transformers with LV LED: 20 ... 50 VA  
Dimmable HV LED lamps: 3 ... 50 W  
Dimmable compact fluorescent lamps: 3 ... 50 W  
Operating mode LED trailing edge phase control:  
Rated power for HV LED lamps, typ. 3 ... 100 W,  
electronic transformers with LV LED typ. 20 ... 100 W.  
Ohmic-capacitive: 20 ... 210 W  
Capacitive-inductive: not permitted  
Ohmic-inductive: 20 ... 210 VA  
Ohmic and HV LED: 3 ... 50 W  
Ohmic and CFL: 3 ... 50 W



## Power DALI push-button controller TW

with satellite input  
for covers

ref.-no.: .. 1700 .., .. 1701 .., .. 1702 .., .. 1750 D ..,  
.. 1751 BT .., .. 17180 .., .. 17280 .., .. 17181 .., .. 17281 ..,  
DWPM 17360 ..  
**1713 DSTE**

- 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
- DALI supply for a maximum of 18 subscribers
- Parallel switching of up to 4 DALI control units with the option of supplying up to 72 DALI subscribers

# LB Management

Ref.-no.



## Relay switch insert 1-channel

with satellite input

for covers

ref.-no.: .. 1700 ... 1701 ... 1750 D ... 1751 BT ...  
.. 17180 ... 17280 ... 17181 ... 17281 ..., DWPM 17360 ..

### 1701 SE

Rated voltage: AC 230 V ~, 50/60 Hz

Connected load

Incandescent lamps: 2300 W

HV halogen lamps: 2300 W

Electronic transformers: 1500 W

Inductive transformers: 1000 VA

HV LED lamps: 500 W

Compact fluorescent lamps: 500 W

Fluorescent lamps non-compensated: 1200 VA

Motor switching current: 6 A

Capacitive load: 920 VA (115 µF)



## Relay switch insert 2-channel

with satellite input

for covers ref.-no.: .. 1700 ... 1701 ... 1702 ... 1750 D ...  
.. 1751 BT ... 17180 ... 17280 ... 17181 ... 17281 ..., DWPM 17360 ..

### 1702 SE

Rated voltage: AC 230 V ~, 50/60 Hz

Connected load per output

Incandescent lamps: 1500 W

HV halogen lamps: 1500 W

Electronic transformers: 1000 W

Inductive transformers: 625 VA

HV LED lamps: 500 W

Compact fluorescent lamps: 500 W

Fluorescent lamps non-compensated: 750 VA

Capacitive load: 580 VA (70 µF)

Motor switching current: 3 A



## Electronic switch insert 1-channel

with satellite input

for covers ref.-no.: .. 1700 ... 1701 ... 1750 D ...  
.. 1751 BT ... 17180 ... 17280 ... 17181 ... 17281 ..., DWPM 17360 ..

### 1704 ESE

Rated voltage: AC 230 V ~, 50/60 Hz

Connected load

Incandescent lamps: 20 ... 400 W

HV halogen lamps: 20 ... 400 W

Electronic transformers: 20 ... 400 W

Electronic transformers with LV LED: 20 ... 100 W

Inductive transformers: 20 ... 400 VA

Inductive transformers with LV LED: 20 ... 100 VA

HV LED lamps: 3 ... 100 W

Compact fluorescent lamps: 3 ... 100 W

When operating with neutral conductor or without neutral conductor in operating mode LED trailing edge phase control:

Connection power for HV LED lamps typ. 3 ... 200 W,  
electronic transformers with LV LED typ. 20 ... 200 W.

Ohmic-capacitive: 20 ... 400 W

Capacitive-inductive: not permitted

Ohmic-inductive: 20 ... 400 VA

Ohmic and HV LED: 3 ... 100 W

Ohmic and CFL: 3 ... 100 W

When using LED lamps that are not dimmable the neutral conductor must be connected.

# LB Management

Ref.-no.



## Satellite insert 2-wire

for covers ref.-no.: .. 1700 ...

### 1720 NE

- Extension unit operation of suitable inserts of the LB Management



## Satellite insert 3-wire

for covers ref.-no.: .. 1700 ... 1701 ... 1702 ... 1750 D ...  
.. 1751 BT ... 17180 ... 17280 ... 17181 ... 17281 ..., DWPM 17360 ..

### 1723 NE

- Extension unit operation of suitable inserts of the LB Management
- Neutral conductor required



## Pulse insert

for covers ref.-no.: .. 1700 ... 1700 P ... 17180 ...  
.. 17280 ... 17181 ... 17281 ..., DWPM 17360 ..

### 1708 IE

- Manual or automatic control of the power unit ref-no. 1208 REG

Ref.-no.

## Standard centre plate

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1720 NE, 1723 NE, 1708 IE

- Manual operation of Venetian blinds, shutters, awnings or lighting



### for AS range

#### Duroplastic (scratch-proof) glossy

white

AS 1700 WW

### for A range

#### Duroplastic (scratch-proof) glossy

white

A 1700 WW

#### Thermoplastic (breakproof) high-gloss

white

A 1700 BFP WW



### for LS range

#### Duroplastic (scratch-proof) glossy

white

LS 1700 WW

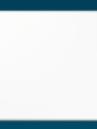
#### metal versions

aluminium

AL 1700

stainless steel

ES 1700



## Standard centre plate "arrows"

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1720 NE, 1723 NE, 1708 IE

- Manual operation of Venetian blinds, shutters, awnings or lighting



### for AS range

#### Duroplastic (scratch-proof) glossy

white

AS 1700 P WW



### for A range

#### Duroplastic (scratch-proof) glossy

white

A 1700 P WW

#### Thermoplastic (breakproof) high-gloss

white

A 1700 BFP WW



### for LS range

#### Duroplastic (scratch-proof) glossy

white

LS 1700 P WW

#### metal versions

aluminium

AL 1700 P

stainless steel

ES 1700 P

Ref.-no.

## Universal centre plate

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

- Manual and time-controlled operation of Venetian blinds, shutters, awnings or lighting
- 2 switching times can be saved, which are repeated in a 24-hour cycle
- Disabling function



### for AS range

#### Duroplastic (scratch-proof) glossy

white

AS 1701 WW



### for A range

#### Duroplastic (scratch-proof) glossy

white

A 1701 WW

#### Thermoplastic (breakproof) high-gloss

white

A 1701 BFP WW



### for LS range

#### Duroplastic (scratch-proof) glossy

white

LS 1701 WW

#### metal versions

aluminium

AL 1701

stainless steel

ES 1701



### for AS range

#### Duroplastic (scratch-proof) glossy

white

AS 1701 P WW



### for A range

#### Duroplastic (scratch-proof) glossy

white

A 1701 P WW



### for LS range

#### Duroplastic (scratch-proof) glossy

white

LS 1701 P WW

#### metal versions

aluminium

AL 1701 P

stainless steel

ES 1701 P

# LB Management

Ref.-no.

## Standard centre plate 2-gang

for LB Management inserts "light"  
ref.-no.: 1702 SE, 1712 DE, 1713 DSTE, 1723 NE  
• Manual operation of lighting  
• Full control of switch and dimmer inserts,  
with satellite insert 3-wire



### for AS range

Duroplastic (scratch-proof) glossy  
white **AS 1702 WW**



### for A range

Duroplastic (scratch-proof) glossy  
white **A 1702 WW**

### Duroplastic lacquered

aluminium **A 1702 AL**  
Thermoplastic (breakproof) high-gloss  
white **A 1702 BF WW**



### for LS range

Duroplastic (scratch-proof) glossy  
white **LS 1702 WW**

### metal versions

aluminium **AL 1702**  
stainless steel **ES 1702**

## Standard timer with display

for LB Management inserts "blinds"  
ref.-no.: 1730 JE and 1731 JE  
for LB Management inserts "light"  
ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE  
• Manual and time-controlled operation of Venetian blinds,  
shutters, awnings or lighting  
• Switching at sunrise and/or before sunset (astro function)  
adjustable for 18 countries  
• Disabling function  
• Display switches off after 2 minutes, permanent indication  
of the current time possible  
• Programming of one up time and one down time each  
for the parts of the week Mo-Fr and Sa+Su  
• Programming of two memory areas with one switch-on  
and one switch-off time each for the parts of the week  
Mo-Fr and Sa+Su  
• Ventilation position of the blind/shutter can be saved



### for AS and A ranges

white **A 1750 D WW**



### for LS range

white **LS 1750 D WW**

# LB Management

Ref.-no.

## Universal timer Bluetooth

for LB Management inserts "blinds"  
ref.-no.: 1730 JE and 1731 JE  
for LB Management inserts "light"  
ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE  
• Manual and time-controlled operation of Venetian blinds,  
shutters, awnings or lighting  
• Operation and programming with smartphone in combination  
with Clever Config App via Bluetooth

- Programming of up to 40 individual switching times
- Switching at sunrise and/or before sunset (astro function)
- Random function
- Sun protection and twilight function possible via optional  
brightness / temperature sensor ref.-no.: 1792 HT BT



### for AS range

Duroplastic (scratch-proof) glossy  
white **AS 1751 BT WW**



### for A range

Duroplastic (scratch-proof) glossy  
white **A 1751 BT WW**

Thermoplastic (breakproof) high-gloss  
white **A 1751 BFBT WW**



### for LS range

Duroplastic (scratch-proof) glossy  
white **LS 1751 BT WW**

metal versions  
aluminium **AL 1751 BT**  
stainless steel **ES 1751 BT**

# LB Management

Ref.-no.

## Universal timer Bluetooth "arrows"

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

- Manual and time-controlled operation of Venetian blinds, shutters, awnings or lighting
- Operation and programming with smartphone in combination with Clever Config App via Bluetooth
- Programming of up to 40 individual switching times
- Switching at sunrise and/or before sunset (astro function)
- Random function
- Sun protection and twilight function possible via optional brightness / temperature sensor ref.-no.: 1792 HT BT



### for AS range

#### Duroplastic (scratch-proof) glossy

white AS 1751 PBT WW



### for A range

#### Duroplastic (scratch-proof) glossy

white A 1751 PBT WW

#### Thermoplastic (breakproof) high-gloss

white A 1751 BFPBT WW



### for LS range

#### Duroplastic (scratch-proof) glossy

white LS 1751 PBT WW

#### metal versions

aluminium AL 1751 PBT

stainless steel ES 1751 PBT

# LB Management

Ref.-no.

## Standard automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE



### for AS and A ranges

#### Thermoplastic (breakproof) high-gloss

white A 17180 WW



### for LS range

#### Thermoplastic (breakproof) high-gloss

white LS 17180 WW

#### metal versions (lacquered)

aluminium AL 17180

stainless steel ES 17180



## Standard automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

IP 44 suitable only for indoor installation



### for AS and A ranges

#### Thermoplastic (breakproof) high-gloss

white IP A 17180 WU WW



### for LS range

#### Thermoplastic (breakproof) high-gloss

white IP LS 17180 WU WW

#### metal versions (lacquered)

aluminium IP AL 17180 WU

stainless steel IP ES 17180 WU



## Standard automatic switch 2.2 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

Protection level IP 44 is ensured with sealing kit

ref.-no. AS .. 50 DS and "IP 44 frame" of the respective design range.

IP 44 suitable only for indoor installation



### for AS and A ranges

#### Thermoplastic (breakproof) high-gloss

white IP A 17280 WW



### for LS range

#### Thermoplastic (breakproof) high-gloss

white IP LS 17280 WW

#### metal versions (lacquered)

aluminium IP AL 17280

stainless steel IP ES 17280



### Sealing kit

for automatic switches 2.2 m of the AS / A ranges

IP AS A 50 DS

### Sealing kit

for automatic switches 2.2 m of the CD and LS ranges

IP AS CD 50 DS

Ref.-no.

## Universal automatic switch 1.1 m

for LB Management inserts "light"  
ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE,  
1713 DSTE, 1723 NE, 1708 IE

- Continuous on, Continuous off
- Night light function
- Presence simulation
- Alarm function
- Programming of up to 16 individual switching times
- Settings via smartphone and Clever Config App

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white A 17181 WW



### for LS range

**Thermoplastic (breakproof) high-gloss**  
white LS 17181 WW

#### metal versions (lacquered)

aluminium	AL 17181
stainless steel	ES 17181

## Universal automatic switch 1.1 m

for LB Management inserts "light"  
ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE,  
1713 DSTE, 1723 NE, 1708 IE

#### IP 44 suitable only for indoor installation

- Continuous on, Continuous off
- Night light function
- Presence simulation
- Alarm function
- Programming of up to 16 individual switching times
- Settings via smartphone and Clever Config App

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white IP A 17181 WU WW



### for LS range

**Thermoplastic (breakproof) high-gloss**  
white IP LS 17181 WU WW

#### metal versions (lacquered)

aluminium	IP AL 17181 WU
stainless steel	IP ES 17181 WU

Ref.-no.

## Universal automatic switch 2.2 m

for LB Management inserts "light"  
ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE,  
1713 DSTE, 1723 NE, 1708 IE

Protection level IP 44 is ensured with sealing kit  
ref.-no. AS .. 50 DS and "IP 44 frame" of the respective  
design range.

#### IP 44 suitable for indoor and outdoor installation

- Continuous on, Continuous off
- Presence simulation
- Alarm function
- Night light function
- Programming of up to 16 individual switching times
- Settings via smartphone and Clever Config App

### for AS and A ranges

**Thermoplastic (breakproof) high-gloss**  
white IP A 17281 WW



### for LS range

**Thermoplastic (breakproof) high-gloss**  
white IP LS 17281 WW

#### metal versions (lacquered)

aluminium	IP AL 17281
stainless steel	IP ES 17281



### Sealing kit

for automatic switches 2.2 m of the AS / A ranges

IP AS A 50 DS

### Sealing kit

for automatic switches 2.2 m of the CD and LS ranges

IP AS CD 50 DS

# LB Management

Ref.-no.



## Motion and presence detector

for LB Management inserts "light"  
ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE,  
1713 DSTE, 1723 NE, 1708 IE

white

**DWPM 17360 WW**

- Extension of the detection area in combination with 3-wire satellite insert
  - Setting the device as presence detector or motion detector
  - Hotel function
  - Night light function
  - Dynamic run-on time
  - Presence simulation
  - Alarm function
- In combination with a dimmer insert
- Constant light control
  - Programming of up to 16 individual switching times
  - Settings via smartphone and Clever Config App

## Surface-mounted housing

to fix power units for ceiling installation (surface-mounted)  
of motion and presence detectors  
ref.-no. DWPM 17360 WW and DWPM 17360 AL  
white

**PM-KAPPE**



## Motion and presence detector with integrated relay switch

including IR remote control ref.-no.: DWPM FB IR K  
white

**DWPM K 360 WW**



## IR remote control

for motion and presence detector ref.-no.: DWPM K 360 ..  
(Spare part)

**DWPM FB IR K**



## IR remote control (electrician)

for motion and presence detector ref.-no.: DWPM K 360 ..

**DWPM FB IR I**



## Protection cage

for motion and presence detector ref.-no. DWPM 17360 ..  
(Remove push-on cover when installed in surface-mounted  
housing. Detection range may be reduced.)

for motion and presence detector ref.-no.: DWPM K 360 ..  
white

**SK 180-90 WW**

# LB Management

Ref.-no.



## Standard rotary dimmer LED

incremental control without end position  
without satellite input

**1730 DD**

Rated voltage: AC 230 V ~, 50/60 Hz  
Incandescent lamps: 20 ... 210 W  
HV halogen lamps: 20 ... 210 W  
Electronic transformers: 20 ... 210 W  
Electronic transformers with LV LED: 20 ... 60 W  
Inductive transformers: 20 ... 210 VA  
Inductive transformers with LV LED: 20 ... 60 VA  
Dimmable HV LED lamps: 3 ... 60 W  
Dimmable compact fluorescent lamps: 3 ... 60 W  
Ohmic-capacitive: 20 ... 210 W  
Capacitive-inductive: not permitted  
Ohmic-inductive: 20 ... 210 VA  
Ohmic and HV LED: 3 ... 60 W  
Ohmic and CFL: 3 ... 60 W



## Rotary dimmer universal LED

incremental control without end position  
with satellite input

**1731 DD**

Rated voltage: AC 230 V ~, 50/60 Hz  
Incandescent lamps: 20 ... 420 W  
HV halogen lamps: 20 ... 420 W  
Electronic transformers: 20 ... 420 W  
Electronic transformers with LV LED: 20 ... 100 W  
Inductive transformers: 20 ... 420 VA  
Inductive transformers with LV LED: 20 ... 100 VA  
Dimmable HV LED lamps: 3 ... 100 W  
Dimmable compact fluorescent lamps: 3 ... 100 W  
Operating mode LED trailing edge phase control:  
Rated power for HV LED lamps, typ. 3 ... 200 W,  
electronic transformers with LV LED typ. 20 ... 200 W.  
Ohmic-capacitive: 20 ... 420 W  
Capacitive-inductive: not permitted  
Ohmic-inductive: 20 ... 420 VA  
Ohmic and HV LED: 3 ... 100 W  
Ohmic and CFL: 3 ... 100 W



## Rotary satellite insert 3-wire

**1733 DNE**

Rated voltage: AC 230 V ~, 50/60 Hz  
• Extension operation for dimmers  
ref.-no.: 1731 DD, 1711 DE, 1724 DM, UD 1755 REG



## Rotary dimmer insert 100 – 1000 W with 2-way push switch

**211 GDE**

**100 ... 1000 W**

AC 230/240 V ~, 50 Hz  
Type of loads (trailing edge phase control):  
230/240 V incandescent lamps  
230/240 V halogen lamps  
mixed loads of the specified types



## Speed regulator insert (rotary on/off) with slat adjusting

**245.20**

Anschlussleistung:  
Unterputzmontage 0,1 ... 2,7 A  
Aufputzmontage 0,1 ... 2,5 A



## Electronic potentiometer, 1 – 10 V

for dimming of fluorescent lamps controlled by  
electronic ballasts or electronic transformers  
with control voltage 1 – 10 V

**240-10**



## Electronic potentiometer, 1 – 10 V

for dimming of fluorescent lamps controlled by  
electronic ballasts or electronic transformers  
with control voltage 1 – 10 V  
with push-button function

**240-31**

# LB Management

Ref.-no.



## DALI potentiometer insert

### 240 DPE

- Brightness setting for luminaires with DALI interface
- Up to 64 DALI subscribers can be controlled



## Power DALI potentiometer insert

### 240 PDPE

If connected to the mains supply (active operation) the potentiometer supplies the required control current for max. 26 DALI devices.



## Power DALI potentiometer insert "tunable white"

### 240 PDPE TW

- Setting of colour temperature for luminaires with DALI Device Type 8 for tunable white acc. to IEC 62386-209

If connected to the mains supply (active operation) the potentiometer supplies the required control current for max. 26 DALI devices.



## Dimmer mini universal LED

with satellite input

### 1724 DM

- Operation takes place with a 2- or 3-wire satellite insert, rotary satellite insert or push-button with make contact (NO)

Rated voltage: AC 230 V ~, 50/60 Hz

Incandescent lamps: 20 ... 210 W

HV halogen lamps: 20 ... 210 W

Electronic transformers: 20 ... 210 W

Electronic transformers with LV LED: 20 ... 50 W

Inductive transformers: 20 ... 210 VA

Inductive transformers with LV LED: 20 ... 50 VA

Dimmable HV LED lamps: 3 ... 100 W

Dimmable compact fluorescent lamps: 3 ... 100 W

Operating mode LED trailing edge phase control:

Rated power for HV LED lamps, typ. 3 ... 100 W, electronic transformers with LV LED typ. 20 ... 100 W.

Ohmic-capacitive: 20 ... 210 W

Capacitive-inductive: not permitted

Ohmic-inductive: 20 ... 210 VA

Ohmic and HV LED: 3 ... 50 W

Ohmic and CFL: 3 ... 50 W

Dimensions (Ø x H): 48 x 19.5 mm

## Compensation module LED

### KM LED 230 U

- Use in combination with JUNG Tronic dimmers or universal dimmers in trailing edge phase control mode which are operated with dimmable HV LED lamps (ref.-no.: 1224 LED UDE, 1252 UDE, 1710 DE,

1711 DE, 1711 DE, 1712 DE, 1724 DM, 1724 DEB, 1730 DD,

1731 DD, 211 GDE, 225 TDE, 254 UDIE1, 3901 REGHE,

3902 REGHE, 3904 REGHE, 824 TDW, FM UD 20250 UP,

FM UD 420250 REG, FM UD 5500 REG, UD 1255 REG,

UD 1755 REG, ULZ 1755 REG, UDS 4 REGHE)

- improve the dimming behaviour of dimmers which are not optimised for HV-LED lamps

- to avoid that HV LED lamps which are connected to a dimmer glow when switched off

- to avoid that HV LED lamps which are connected to a switch with illumination (up to 3 mA) glow when they are switched off

Rated voltage: AC 230 V ~, 50/60 Hz

Power loss: max. 2 W

Dimensions: 43 x 11.5 x 28.5 mm (W x H x D)

# LB Management

Ref.-no.



## Universal dimmer LED

Rail mounting device, 2 rail units

1-channel

- Operation takes place using the buttons, 2- or 3-wire satellite insert, rotary satellite insert or push-button with make contact (NO)

Rated voltage: AC 230 V ~, 50/60 Hz

Incandescent lamps: 20 ... 420 W

HV halogen lamps: 20 ... 420 W

Electronic transformers: 20 ... 420 W

Electronic transformers with LV LED: 20 ... 100 W

Inductive transformers: 20 ... 420 VA

Inductive transformers with LV LED: 20 ... 100 VA

Dimmable HV LED lamps: 3 ... 100 W

Dimmable compact fluorescent lamps: 3 ... 100 W

Operating mode LED trailing edge phase control:

Rated power for HV LED lamps, typ. 3 ... 200 W, electronic transformers with LV LED typ. 20 ... 200 W.

Ohmic-capacitive: 20 ... 420 W

Capacitive-inductive: not permitted

Ohmic-inductive: 20 ... 420 VA

Ohmic and HV LED: 3 ... 100 W

Ohmic and CFL: 3 ... 100 W

## Amplifier LED

Rail mounting device, 2 rail units

### ULZ 1755 REG

- Power extension of the listed dimmers

(ref.-no.: UD 1755 REG, 1730 DD, 1731 DD, 1710 DE, 1711 DE, 224 LED UDD, 1224 LED UDE, FM UD 20250 UP, FM UD 5500 REG, FM UD 420250 REG, 3901 REGHE, 3902 REGHE, 3904 REGHE)

Rated voltage: AC 230 V ~, 50/60 Hz

Incandescent lamps: 20 ... 420 W

HV halogen lamps: 20 ... 420 W

Electronic transformers: 20 ... 420 W

Electronic transformers with LV LED: 20 ... 100 W

Inductive transformers: 20 ... 420 VA

Inductive transformers with LV LED: 20 ... 100 VA

Dimmable HV LED lamps: 3 ... 100 W

Dimmable compact fluorescent lamps: 3 ... 100 W

Operating mode LED trailing edge phase control:

Rated power for HV LED lamps, typ. 3 ... 200 W, electronic transformers with LV LED typ. 20 ... 200 W.

Ohmic-capacitive: 20 ... 420 W

Capacitive-inductive: not permitted

Ohmic-inductive: 20 ... 420 VA

Ohmic and HV LED: 3 ... 100 W

Ohmic and CFL: 3 ... 100 W



# AS range

Ref.-no.



## 1-gang rocker

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

### Thermoplastic (breakproof) high-gloss

white AS 591 BF WW  
red AS 591 BF RT

### Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 WW



## 1-gang rocker with lens

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

### Thermoplastic (breakproof) high-gloss

white AS 591 KO5BF WW  
Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 KO5 WW



## 1-gang rocker with symbol "light"

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

### Duroplastic (scratch-proof) glossy

white AS 591 L WW  
Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 L WW



## 1-gang rocker with symbol "light", with lens

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

### Duroplastic (scratch-proof) glossy

white AS 591 KO5L WW  
Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 KO5L WW



## 1-gang rocker with symbol "bell"

for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
Duroplastic (scratch-proof) glossy

white AS 591 K WW  
Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 K WW



## 1-gang rocker with symbol "bell", with lens

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
Duroplastic (scratch-proof) glossy

white AS 591 KO5K WW  
Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 KO5K WW



## 1-gang rocker with symbol "door"

for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U

### Duroplastic (scratch-proof) glossy

white AS 591 T WW  
Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 T WW



## 1-gang rocker with symbol "door", with lens

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U

### Duroplastic (scratch-proof) glossy

white AS 591 KO5T WW  
Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 KO5T WW

# AS range

Ref.-no.



## Barrier-free living

1-gang rocker with tactile symbol "light", with lens  
for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU  
for push switch insert with indicator light ref.-no.: 502 KOTU, 506 KOTU

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
Duroplastic (scratch-proof) glossy

white AS 591 L1KO5 WW

Duroplastic (scratch-proof) glossy – antibacterial  
white ABAS 591 L1KO5 WW



## 1-gang rocker with tactile symbol "bell", with lens

Duroplastic (scratch-proof) glossy  
white AS 591 K1KO5 WW  
Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 K1KO5 WW



## 1-gang rocker with tactile symbol "door", with lens

Duroplastic (scratch-proof) glossy  
white AS 591 T1KO5 WW  
Duroplastic (scratch-proof) glossy – antibacterial

white ABAS 591 T1KO5 WW

**For improved visibility use frame in contrasting black colour.**



## Frame

Duroplastic (scratch-proof) glossy  
black

1-gang AS 581 SW



## 1-gang rocker, transparent

for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U, 501-20 U, 506-20 U, 507-20 U  
for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU

for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
for individual text or decorative inlets (e.g. wall paper)

### Thermoplastic (breakproof) high-gloss

inscription field 50 x 50 mm A 590 NA GL



## Holder plate

for frame fixing and 1-gang rocker bearing  
(Spare part)

black

AS 90 HP



## 1-gang rocker with glass plate

with rocker and lens  
for all 1-gang switch/push-button inserts  
(except push switch insert)  
(to be used only with frame AS 581.. – AS 585..)

### Thermoplastic (breakproof) high-gloss

red

similar RAL 3000 AS 561 GL RT

blue

similar RAL 5015 AS 561 GL BL

yellow

similar RAL 1004 AS 561 GL GE



## Frame, 1-gang

80.5 x 80.5 mm

### Thermoplastic (breakproof) high-gloss

red

similar RAL 3000 AS 581 GL RT

blue

similar RAL 5015 AS 581 GL BL

yellow

similar RAL 1004 AS 581 GL GE

## AS range

Ref.-no.



**Pull cord switch 10 AX / 250 V ~**  
for wall and ceiling installation  
Screw terminals for wires up to 2.5 mm<sup>2</sup>  
with 50 mm pull cord  
**Thermoplastic (breakproof) high-gloss**  
white



**2-gang rocker**  
for switch insert ref.-no.: 505 U, 509 U  
for push switch insert ref.-no.: 505 TU, 509 TU  
for push-button insert ref.-no.: 535 U, 539 U  
**Thermoplastic (breakproof) high-gloss**  
white



**2-gang rocker with lens**  
for switch insert ref.-no.: 505 U 5  
for switch insert with indicator light ref.-no.: 505 KOU 5  
for push-button insert ref.-no.: 535 U 5  
**Thermoplastic (breakproof) high-gloss**  
white



**2-gang rocker with arrow symbols**  
for blind switch insert ref.-no.: 509 VU  
for blind push-button insert ref.-no.: 539 VU  
**Thermoplastic (breakproof) high-gloss**  
white



**Holder plate**  
for frame fixing and 2-gang rocker bearing  
(Spare part)  
black



**Centre plate**  
for key switch inserts  
ref.-no.: 104.28, 134.18, 134.28, 133.18, 138.18, 106.28  
for key switch inserts IP 44 ref.-no.: CD 104.18 WU,  
CD 134.18 WU, CD 133.18 WU, CD 106.18 WU  
**Thermoplastic (breakproof) high-gloss**  
white



**Centre plate**  
for rotary switch insert ref.-no.: 1101-4, 1101-20  
for timer switch insert ref.-no.: 11015, 11120-20  
for rotary blind switch insert ref.-no.: 1234.10, 1234.20  
**Duroplastic (scratch-proof) glossy**  
white

## AS range

Ref.-no.



**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.

**Thermoplastic (breakproof) high-gloss**  
white   
blue   
green   
orange   
red   
**Duroplastic (scratch-proof) glossy – antibacterial**  
white   
**Thermoplastic (breakproof) high-gloss – antibacterial**  
green   
orange



**SCHUKO® socket 16 A / 250 V ~**  
with child protection (shutter)  
With screw terminals: ref.-no. ..1521..  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**  
white   
blue   
green   
orange   
red   
**Duroplastic (scratch-proof) glossy – antibacterial**  
white   
**Thermoplastic (breakproof) high-gloss – antibacterial**  
green   
orange



**SCHUKO® socket 16 A / 250 V ~**  
Screw terminals for wires up to 2.5 mm<sup>2</sup>  
Supporting frame, claws and claw screws are integrated  
into the earth protection.  
**Thermoplastic (breakproof) high-gloss**  
white   
blue   
green   
orange   
red



**SCHUKO® socket 16 A / 250 V ~**  
with labelling "Nur für EDV"  
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.

**Duroplastic (scratch-proof) glossy**  
white



**SCHUKO® socket 16 A / 250 V ~**  
with inscription field 6 x 46 mm  
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.

**Thermoplastic (breakproof) high-gloss**  
white   
green   
orange   
red

**Transparent cover with paper inlay**  
for inscription field 6 x 46 mm  
(Spare part)  
paper inlay white

## AS range

Ref.-no.



**SCHUKO® socket 16 A / 250 V ~  
with child protection (shutter)  
with inscription field 6 x 46 mm**

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.

**Thermoplastic (breakproof) high-gloss**

white	■ A 1520 BFKINA WW
green	A 1520 BFKINA GN
orange	A 1520 BFKINA O
red	A 1520 BFKINA RT



**SCHUKO® socket 45°, 16 A / 250 V ~  
with child protection (shutter)**

especially suitable for vertical combination of several outlets  
Without claws: ref.-no. with additional "N", e.g.: ..520-45 N..

**Duroplastic (scratch-proof) glossy**

white ■ A 520-45 KI WW



**SCHUKO® socket 16 A / 250 V ~  
with pilot light (green LED) ref.-no.: 193-LED GN  
with child protection (shutter)**

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

**Thermoplastic (breakproof) high-gloss**

white	■ A 1520 BFKO WW
green	A 1520 BFKO GN
orange	A 1520 BFKO O
red	A 1520 BFKO RT

**Duroplastic (scratch-proof) glossy – antibacterial**

white ABA 1520 KO WW

**Thermoplastic (breakproof) high-gloss – antibacterial**

green	ABA 1520 BFKO GN
orange	ABA 1520 BFKO O
red	ABA 1520 BFKO RT



**SCHUKO® socket 16 A / 250 V ~  
with pilot light (green LED) ref.-no.: 193-LED GN  
with child protection (shutter)  
with inscription field 6 x 46 mm**

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

**Thermoplastic (breakproof) high-gloss**

white	■ A 1520 BFNAKO WW
green	A 1520 BFNAKO GN
orange	A 1520 BFNAKO O
red	A 1520 BFNAKO RT

**Thermoplastic (breakproof) high-gloss – antibacterial**

white	ABA 1520 BFNAKO WW
green	ABA 1520 BFNAKO GN
orange	ABA 1520 BFNAKO O
red	ABA 1520 BFNAKO RT



**Transparent cover with paper inlay**

for inscription field 6 x 46 mm

(Spare part)

paper inlay white ■ A 20 NA



**SCHUKO® socket 16 A / 250 V ~  
with surge voltage protection  
with child protection (shutter)**

Screw terminals for wires up to 2.5 mm<sup>2</sup>

Without claws: ref.-no. with additional "N", e.g.: ..521 N..

**Duroplastic (scratch-proof) glossy**

white ■ A 521 KIUF WW

## AS range

Ref.-no.



**SCHUKO® socket with RCD (residual current device)**

16 A / 250 V ~ according to DIN EN 61008-1 (VDE 0664-10) and DIN EN 61008-2-1 (VDE 0664-11)

Rated residual current: 30 mA

**with child protection (shutter)**

not suitable for installation in surface caps

**Thermoplastic (breakproof) high-gloss**

white ■ A 5520.30 WW



RCD (residual current device) 16 A / 250 V ~ according to DIN EN 61008-1 (VDE 0664-10) and DIN EN 61008-2-1 (VDE 0664-11)

Rated residual current: 30 mA

not suitable for installation in surface caps

**Thermoplastic (breakproof) high-gloss**

white ■ A 5530 FIB WW



**SCHUKO® socket 16 A / 250 V ~**

**with LED floor pilot light**

**with integrated brightness sensor**

**with child protection (shutter)**

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption stand-by / ON: 0.3 / 0.5 W  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**

white ■ A 1520-O WW LNW



**LED floor pilot light**

**with integrated brightness sensor**

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)

Power consumption stand-by / ON: 0.3 / 0.5 W

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

**Thermoplastic (breakproof) high-gloss**

white ■ A 1539-O WW LNW



**LED floor pilot light**

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)

Power consumption (ON): 0.5 W

The floor pilot light can be switched via an external switch.  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**

white ■ A 1539-OO WW LNW



**SCHUKO® socket 16 A / 250 V ~**

**with break- and shockproof cover plate 100 x 100 mm**

**and additional metal ring for dowel fixing**

**with child protection (shutter)**

Without claws: ref.-no. with additional "N", e.g.: ..1520 N..

**Thermoplastic (breakproof) high-gloss**

white ■ ■ 120 KIBF WW



**SCHUKO® socket 16 A / 250 V ~**

**with hinged lid (with spring)**

With screw terminals: ref.-no. ..1521..

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

**Thermoplastic (breakproof) high-gloss**

white ■ ■ AS 1520 BFKL WW

blue ■ ■ AS 1520 BFKL BL

green ■ ■ AS 1520 BFKL GN

orange ■ ■ AS 1520 BFKL O

red ■ ■ AS 1520 BFKL RT

**Duroplastic (scratch-proof) glossy – antibacterial**

white ■ ■ ABAS 1520 KL WW

**Thermoplastic (breakproof) high-gloss – antibacterial**

green ■ ■ ABAS 1520 BFKL GN

orange ■ ■ ABAS 1520 BFKL O

## AS range

Ref.-no.



### SCHUKO® socket 16 A / 250 V ~ with hinged lid (with spring)

Screw terminals for wires up to 2.5 mm<sup>2</sup>  
Supporting frame, claws and claw screws are integrated into the earth protection.

#### Duroplastic (scratch-proof) glossy

white      IPB AS 1521 KL WW

#### Thermoplastic (breakproof) high-gloss

white	IPB AS 1521 BFKL WW
green	IPB AS 1521 BFKL GN
orange	IPB AS 1521 BFKL O
red	IPB AS 1521 BFKL RT



### SCHUKO® socket 16 A / 250 V ~ with hinged lid (with spring)

#### with child protection (shutter)

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.

#### Thermoplastic (breakproof) high-gloss

white	IPB AS 1520 BFKIKL WW
green	IPB AS 1520 BFKIKL GN
orange	IPB AS 1520 BFKIKL O
red	IPB AS 1520 BFKIKL RT

#### Duroplastic (scratch-proof) glossy – antibacterial

white      IPB ABAS 1520 KIKL WW

#### Thermoplastic (breakproof) high-gloss – antibacterial

green	IPB ABAS 1520 KIKL GN
orange	IPB ABAS 1520 KIKL O



### SCHUKO® socket 16 A / 250 V ~ with hinged lid (with spring)

#### with pilot light (green LED) ref.-no.: 193-LED GN

#### with child protection (shutter)

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

#### Thermoplastic (breakproof) high-gloss

white	IPB AS 1520 BFKLKO WW
green	IPB AS 1520 BFKLKO GN
orange	IPB AS 1520 BFKLKO O
red	IPB AS 1520 BFKLKO RT

#### Duroplastic (scratch-proof) glossy – antibacterial

white      IPB ABAS 1520 KLKO WW

#### Thermoplastic (breakproof) high-gloss – antibacterial

green	IPB ABAS 1520 KLKO GN
orange	IPB ABAS 1520 KLKO O



### SCHUKO® socket 16 A / 250 V ~ with hinged lid (with spring)

#### with safety lock (24 different locks)

#### with child protection (shutter)

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.

#### Thermoplastic (breakproof) high-gloss

white	IPB AS 1520 BFKLSL WW
green	IPB AS 1520 BFKLSL GN
orange	IPB AS 1520 BFKLSL O
red	IPB AS 1520 BFKLSL RT

#### Key

1 piece      802 SL  
when ordering please indicate lock number



## AS range

Ref.-no.



### Socket insert, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~  
Supporting frame, claws and claw screws are integrated into the earth protection.

#### with claws

with screwless terminals	1520 F EINS
with screw terminals	1521 F EINS



### Socket insert, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~  
Supporting frame is integrated into the earth protection.

#### without claws

with screwless terminals	1520 NF EINS
with screw terminals	1521 NF EINS



### Centre plate

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

#### with child protection (shutter)

Thermoplastic (breakproof) high-gloss  
white      IPB A 1521 FBFKI WW P1



### Socket, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~  
with child protection (shutter)  
Screwless terminals for wires up to 2.5 mm<sup>2</sup>  
Supporting frame, claws and claw screws are integrated into the earth protection.

#### Duroplastic (scratch-proof) glossy

white      IPB A 1520 FKI WW



### Socket, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~  
with child protection (shutter)  
Screw terminals for wires up to 2.5 mm<sup>2</sup> acc. to NFC 61-314  
Supporting frame, claws and claw screws are integrated into the earth protection.

#### Duroplastic (scratch-proof) glossy

white      IPB A 1521 FKI WW



### Socket for Switzerland

#### 1-gang socket type 13

10 A 250 V ~, L + N + PE

Screwless terminals for wires up to 2.5 mm<sup>2</sup> acc. to SEV 1011-1998/IEC 884-1  
to be installed into 68 mm flush box  
not suitable for installation in surface caps  
with supporting frame, screw fixing only

#### Thermoplastic (breakproof) high-gloss

white      IPB A 1520-13 BF SEV WW



### Chinese socket combination 10 A / 250 V ~

consisting of:  
2-pole without earth for flat and rounded pins and  
2-pole with earth only for flat pins  
with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
screw fixing only, without claws  
Supporting frame is integrated into the earth protection.

#### Thermoplastic (breakproof) high-gloss

white      IPB A 3521-5 CN BF WW



### Socket, 2-pole without earth 16 A / 250 V ~

Screw terminals for wires up to 2.5 mm<sup>2</sup>

#### Duroplastic (scratch-proof) glossy

white      IPB A 511 N WW



### Socket, 2-pole without earth 16 A / 250 V ~

with child protection (shutter)  
Screw terminals for wires up to 2.5 mm<sup>2</sup>

#### Duroplastic (scratch-proof) glossy

white      IPB A 511 NKI WW

## AS range

Ref.-no.



### Socket insert British Standard 1363

**13 A 250 V ~**

2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without switch

**3521 EINS**



### Centre plate

for socket insert ref.-no. 3521 EINS

**Duroplastic (scratch-proof) glossy**

white

**A 3521 WW PL**



### Switched socket insert British Standard 1363

**13 A 250 V ~**

2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without indicator light

**3171 EINS**

**3171 KO EINS**



### Centre plate

for socket insert ref.-no. 3171 EINS

**Thermoplastic (breakproof) high-gloss**

white

**A 3171 BF WW PL**



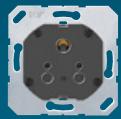
### Centre plate

for socket insert ref.-no. 3171 KO EINS

**Duroplastic (scratch-proof) glossy**

white

**A 3171 KO WW PL**



### Socket insert British Standard 546

**5 A 250 V ~**

2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without switch

**3171-5 EINS**



### Centre plate

for socket insert ref.-no. 3171-5 EINS

**Duroplastic (scratch-proof) glossy**

white

**A 3171-5 WW PL**



### Socket insert for India

**16 A 250 V ~**

2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without switch

**521 IN-EINS**



### Centre plate

for socket insert for India, ref.-no. 521 IN-EINS

**Duroplastic (scratch-proof) glossy**

white

**A 521 IN WW PL**

### SCHUKO® socket for cable ducts 16 A / 250 V ~ wired

Cover with integrated frame

for installation into cable duct boxes

Supporting frame is integrated into the earth protection.  
dimensions: 80.5 x 151.5 mm

### 2-gang

**Duroplastic (scratch-proof) glossy**

white

**AS 1522 WW**

**Thermoplastic (breakproof) high-gloss**

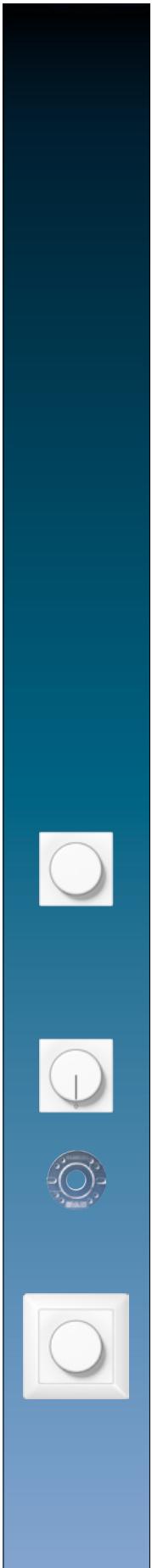
white

**AS 1522 BF WW**



## AS range

Ref.-no.



### SCHUKO® socket for cable ducts 16 A / 250 V ~ wired

with 1 inscription field 12 x 55.5 mm

Screwless terminals for wires up to 2.5 mm<sup>2</sup>

Cover with integrated frame

for installation into cable duct boxes

Supporting frame is integrated into the earth protection.  
dimensions: 80.5 x 151.5 mm

### 2-gang

**Duroplastic (scratch-proof) glossy**

white

**AS 1522 NA WW**



### SCHUKO® socket for cable ducts 16 A / 250 V ~

Cover with integrated frame

for installation into cable duct boxes

dimensions: 80.5 x 151.5 mm

### 3-gang

**Duroplastic (scratch-proof) glossy**

white

**AS 523 WW**

**Thermoplastic (breakproof) high-gloss**

white

**AS 523 BF WW**



### Centre plate with knob

for rotary dimmer inserts

ref.-no.: 1730 DD, 1731 DD, 211 GDE

for satellite dimmer insert ref.-no.: 1733 DNE

for electronic potentiometer 1-10 V ref.-no.: 240-10, 240-31

for DALI potentiometer insert

ref.-no.: 240 DPE, 240 PDPE, 240 PDPE TW

**Duroplastic (scratch-proof) glossy**

white

**IP 20 A 1540 WW**



### Centre plate with knob

for speed regulator insert ref.-no. 245.20

**Duroplastic (scratch-proof) glossy**

white

**IP 20 A 1540.20 WW**



### Sealing gasket

for covers for rotary dimmer/speed regulator inserts

**IP 20 140 D**

To obtain protection level IP 44 the sealing gasket

ref.-no.: 140 D has to be placed into the centre plate for rotary dimmer / speed regulator and IP 44 frame has to be used.



### Rotary dimmer LED with rotary on/off

with cover and integrated frame

without satellite input

**Duroplastic (scratch-proof) glossy**

white

**IP 20 AS 5544.03 V WW**

Rated voltage: AC 230 V ~, 50 Hz

Incandescent lamps: 20 ... 200 W

HV halogen lamps: 20 ... 200 W

HV LED lamps, dimmable with

leading edge phase control: 3 ... 40 W

## AS range

Ref.-no.



### Standard centre plate

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1720 NE, 1723 NE, 1708 IE

### Duroplastic (scratch-proof) glossy

white

AS 1700 WW



### Standard centre plate "arrows"

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1720 NE, 1723 NE, 1708 IE

### Duroplastic (scratch-proof) glossy

white

AS 1700 P WW



### Universal centre plate

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

AS 1701 WW



### Universal centre plate "arrows"

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

AS 1701 P WW



### Standard centre plate 2-gang

for LB Management inserts "light"

ref.-no.: 1702 SE, 1712 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

AS 1702 WW



### Standard timer with display

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

white A 1750 D WW



### Universal timer Bluetooth

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

AS 1751 BT WW



### Universal timer Bluetooth "arrows"

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

AS 1751 PBT WW

## AS range

Ref.-no.



### Standard automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### Thermoplastic (breakproof) high-gloss

white A 17180 WW



### Standard automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### IP 44 suitable only for indoor installation

### Thermoplastic (breakproof) high-gloss

white IP A 17180 WU WW



### Standard automatic switch 2.2 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### IP 44 suitable only for indoor installation

### Thermoplastic (breakproof) high-gloss

white A 17280 WW



### Universal automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### IP 44 suitable only for indoor installation

### Thermoplastic (breakproof) high-gloss

white A 17181 WW



### Universal automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### IP 44 suitable only for indoor installation

### Thermoplastic (breakproof) high-gloss

white IP A 17181 WU WW



### Universal automatic switch 2.2 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### IP 44 suitable for indoor and outdoor installation

### Thermoplastic (breakproof) high-gloss

white A 17281 WW



### Sealing kit

for automatic switches 2.2 m of the AS / A ranges

IP AS A 50 DS



### Room thermostat (1-way contact)

1-pole NC contact 10 (4) A, AC 230 V ~, 50/60 Hz

### Thermoplastic (breakproof) high-gloss

white TR A 231 WW



### Room thermostat (2-way contact)

1-pole, 2-way, heating 10 (4) A, AC 230 V ~, 50/60 Hz

1-pole, 2-way, cooling 5 (2) A, AC 230 V ~, 50/60 Hz

For switching between heating/cooling the EBERLE terminal strip EV.H/K is necessary.

### Thermoplastic (breakproof) high-gloss

white TR A 236 WW

## AS range

Ref.-no.



### USB charger

with 2 USB ports type A  
screw fixing only, without claws  
white  
black

**USB 3-2 WW**  
**USB 3-2 SW**



### USB charger

with 1 USB port type A and 1 USB port type C  
screw fixing only, without claws  
white  
black

**USB 15 CA WW**  
**USB 15 CA SW**

### Covers:

AS / A ranges: ref.-no. A 569 PLT ..  
CD range: ref.-no. CD 569 T ..  
SL range: ref.-no. SL 569 T ..  
LS range: ref.-no. ... 969 T ... 2969 T ..  
50 x 50: ref.-no. 169 T WW, 169 T SW



### Centre plate

for TV-FM sockets ref.-no.: EDU 04 F, GEDU 10, GEDU 15  
**Thermoplastic (breakproof) high-gloss**  
white

**A 561 BFPLTV WW**



### Centre plate

for SAT-TV-FM socket outlet inserts  
ref.-no.: EDA 302 F, GDA 313 F  
for standard SAT-TV-FM sockets  
**Thermoplastic (breakproof) high-gloss**  
white

**A 561 BFPLSAT WW**



### Smart TV socket

with supporting frame, screw fixing only  
**Cover with screw fixing and shutter with spring**  
including universal modular jack socket ref.-no.: UMA-CAT6A  
and IEC plug module for antenna cables  
**Thermoplastic (breakproof) high-gloss**  
white

**MMD A 4521 WW**

Specification IEC plug module:

External connection: coaxial plug IEC 60169-2

Internal connection: F socket IEC 60169-24

Impedance: 75 ohms

Frequency range: 5 ... 2400 MHz

Attenuation: 0 dB

Installation note: use flush box min. 63 mm deep  
and right angle plug



### Cable outlet

with supporting frame, screw fixing only  
for cables 3 x 1.5 mm<sup>2</sup> up to 5 x 2.5 mm<sup>2</sup> (Ø 7 up to 13 mm)  
**Duroplastic (scratch-proof) glossy**  
white

**AS 590 A WW**



### Centre plate

for modular jack sockets

#### 1 x 8-pol.

for WLAN access point

ref.-no.: WLAN-AC-UAE, WLAN-AC-POE-UAE

### Thermoplastic (breakproof) high-gloss

white

**A 569-1 BFPLUA WW**



### Centre plate

for modular jack sockets

#### 2 x 8-pol.

for media converter 2-gang ref.-no.: MK-POF-2UAE

### Thermoplastic (breakproof) high-gloss

white

**A 569-2 BFPLUA WW**

## AS range

Ref.-no.



### Centre plate

for stereo loudspeaker socket  
for 2-gang supporting frame in connection with  
universal modular jack socket cat. 6A iso, type A  
**Thermoplastic (breakproof) high-gloss**  
white

**A 569 BFPLT WW**



### Centre plate

for USB charger ref.-no.: USB 3-2 WW, USB 3-2 SW,  
USB 15 CA WW, USB 15 CA SW  
**Thermoplastic (breakproof) high-gloss**  
white

**A 1569 USB WW**



### Centre plate with inscription field 9 x 51 mm

for mounting adapter 30° ref.-no.: 3069..

**Thermoplastic (breakproof) high-gloss**  
white

**A 569-30 BF PL WW**



### Centre plate

with supporting frame, screw fixing only  
for universal modular jack socket ref.-no.: UMA-CAT6A  
**Cover with screw fixing and shutter with spring**  
for 1 socket

**Thermoplastic (breakproof) high-gloss**  
white

**A 569-1 NWE WW**



### for 2 sockets

**Thermoplastic (breakproof) high-gloss**  
white

**A 569-2 NWE WW**



### Potential equalisation socket

with supporting frame, screw fixing only  
with 2 one-pole built-in male sockets according to DIN 42801  
for wires up to 6 mm<sup>2</sup>

**Duroplastic (scratch-proof) glossy**

white

**A 565-2 WW**

**Duroplastic (scratch-proof) glossy – antibacterial**  
white

**ABA 565-2 WW**



### Right angle plug

for potential equalisation socket  
screw terminal for wires with 4 or 6 mm<sup>2</sup>

**65 WIS**



### Blank centre plate (snap-on fixing)

with supporting frame, screw fixing only  
**Thermoplastic (breakproof) high-gloss**

white

**A 594-0 WW**



### Centre plate

for pilot lights ref.-no.: 938-10 U and 938-14 U  
**Thermoplastic (breakproof) high-gloss**

white

**A 537 BFPL WW**



### Sealing gasket

for covers for pilot light ref.-no.: ..537.., ..937..

**IP 37 D**

To obtain protection level IP 44 the sealing gasket  
ref.-no.: 37 D has to be placed into the pilot light centre plate  
and IP 44 frame has to be used.



### Screw cap

for covers for pilot light ref.-no.: ..537.., ..937..

**flat, for lamps up to max. length of 35 mm**

transparent

**37.02**

red

**37.05**

**high, for lamps up to max. length of 54 mm**

transparent

**37**

red

**37 R**

## AS range

Ref.-no.



**Intermediate frame**  
to install devices with 50 x 50 mm cover (DIN 49075)  
**Thermoplastic (breakproof) high-gloss**  
white  
**A 590 Z WW**



**Intermediate frame**  
for the installation of "Ackermann" RJ 45 sockets WAEG..  
**Thermoplastic (breakproof) high-gloss**  
white  
**A 590 ZA WW**



**Sealing gasket**  
to ensure protection level IP 44,  
for all flush-mounted switch/push-button inserts  
of the 500 range,  
SCHUKO® sockets with hinged lid,  
rotary switches and timer switch inserts,  
for all devices/covers with blue "IP 44 marking"  
in some cases with additional gaskets acc. to  
product description

**551 WU**

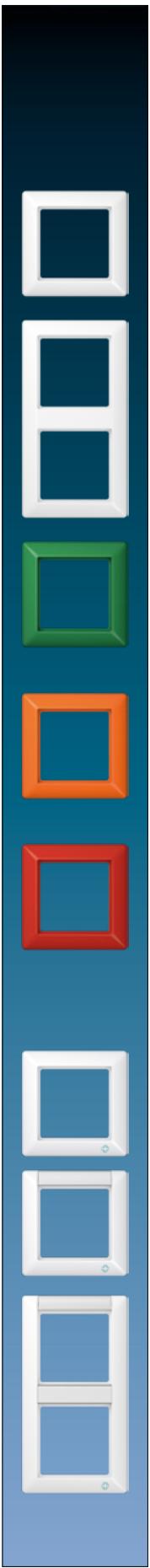


**Sealing kit**  
for automatic switches 2.2 m of the AS / A ranges

**AS A 50 DS**

## AS range

Ref.-no.



**Frame**  
**for horizontal and vertical installation**  
1-gang 80.5 x 80.5 x 10 mm  
2-gang 80.5 x 151.5 x 10 mm  
3-gang 80.5 x 222.5 x 10 mm  
4-gang 80.5 x 293.5 x 10 mm  
5-gang 80.5 x 364.5 x 10 mm

**Thermoplastic (breakproof) high-gloss**  
**white**

1-gang	<b>AS 581 BF WW</b>
2-gang	<b>AS 582 BF WW</b>
3-gang	<b>AS 583 BF WW</b>
4-gang	<b>AS 584 BF WW</b>
5-gang	<b>AS 585 BF WW</b>



**green**

1-gang	<b>AS 581 BF GN</b>
2-gang	<b>AS 582 BF GN</b>
3-gang	<b>AS 583 BF GN</b>
4-gang	<b>AS 584 BF GN</b>
5-gang	<b>AS 585 BF GN</b>



**orange**

1-gang	<b>AS 581 BF O</b>
2-gang	<b>AS 582 BF O</b>
3-gang	<b>AS 583 BF O</b>
4-gang	<b>AS 584 BF O</b>
5-gang	<b>AS 585 BF O</b>



**red**

1-gang	<b>AS 581 BF RT</b>
2-gang	<b>AS 582 BF RT</b>
3-gang	<b>AS 583 BF RT</b>
4-gang	<b>AS 584 BF RT</b>
5-gang	<b>AS 585 BF RT</b>



**Duroplastic (scratch-proof) glossy – antibacterial**  
**white**

1-gang	<b>ABAS 581 N WW</b>
2-gang	<b>ABAS 582 N WW</b>
3-gang	<b>ABAS 583 N WW</b>



**with inscription field 12 x 55.5 mm**

1-gang	<b>ABAS 581 NNA WW</b>
--------	------------------------



**with inscription field 12 x 55.5 mm and 13 x 55.5 mm**  
**for vertical installation**

2-gang	<b>ABAS 582 NNA WW</b>
--------	------------------------

## AS range

Ref.-no.

### Frame

1-gang 80.5 x 80.5 x 10 mm  
2-gang 80.5 x 151.5 x 10 mm  
3-gang 80.5 x 222.5 x 10 mm  
4-gang 80.5 x 293.5 x 10 mm  
5-gang 80.5 x 364.5 x 10 mm



### Frame

with window (moisture-proof) 55.6 x 9.2 mm  
including inscription module ref.-no.: AS 81 INA BT  
also suitable for inscription module ref.-no.: AS 81-1 INA BT  
When the frame is removed, the inscription module remains latched onto the supporting frame.

### Thermoplastic (breakproof) high-gloss

white, 1-gang **AS 581 BF INA WW**



### Frame

#### for vertical installation

with window (moisture-proof) 55.6 x 9.2 mm and 54.2 x 10.9 mm  
including inscription module  
ref.-no.: AS 81 INA BT and AS 82 INA BT  
also suitable for inscription module  
ref.-no.: AS 81-1 INA BT and AS 82-1 INA BT  
When the frame is removed, the inscription module remains latched onto the supporting frame.

#### white

2-gang **AS 582 BF INA WW**  
3-gang **AS 583 BF INA WW**  
4-gang **AS 584 BF INA WW**  
5-gang **AS 585 BF INA WW**

### Frame

#### for horizontal installation

with window (moisture-proof) 55.6 x 9.2 mm  
including inscription module ref.-no.: AS 81 INA BT  
also suitable for inscription module ref.-no.: AS 81-1 INA BT  
When the frame is removed, the inscription module remains latched onto the supporting frame.

#### white

2-gang **AS 5820 BF INA WW**  
3-gang **AS 5830 BF INA WW**  
4-gang **AS 5840 BF INA WW**  
5-gang **AS 5850 BF INA WW**

**Inscription module 53.5 x 10 mm**  
**latch-on mounting, only for JUNG supporting frame**  
(Spare part)  
Only in combination with frame ref.-no.: AS 581-1 BF INA..., AS 5820 BF INA..., AS 5830 BF INA..., AS 5840 BF INA..., and for the top segment of frame  
ref.-no.: AS 5850 BF INA..., AS 582 BF INA..., AS 583 BF INA..., AS 584 BF INA..., AS 585 BF INA...  
(application: moisture-proof inscription field)

**AS 81 INA BT**

**Inscription module 53.5 x 10 mm**  
**glue mounting, only for non-JUNG supporting frame**  
Only in combination with frame ref.-no.: AS 581-1 BF INA..., AS 5820 BF INA..., AS 5830 BF INA..., AS 5840 BF INA..., and for the top segment of frame  
ref.-no.: AS 5850 BF INA..., AS 582 BF INA..., AS 583 BF INA..., AS 584 BF INA..., AS 585 BF INA...  
(application: moisture-proof inscription field)

**AS 81-1 INA BT**

## AS range

Ref.-no.

### Inscription module 53.5 x 10 mm

**latch-on mounting, only for JUNG supporting frame**  
**only suitable for multigang frames (vertical installation)**  
(Spare part)



Only in combination with frame ref.-no.: AS 582 BF INA..., AS 583 BF INA..., AS 584 BF INA..., AS 585 BF INA... for the 2<sup>nd</sup> up to the 5<sup>th</sup> segment.  
(application: moisture-proof inscription field)

**AS 82 INA BT**



**glue mounting, only for non-JUNG supporting frame**  
**only suitable for multigang frames (vertical installation)**  
Only in combination with frame ref.-no.: AS 582 BF INA..., AS 583 BF INA..., AS 584 BF INA..., AS 585 BF INA... for the 2<sup>nd</sup> up to the 5<sup>th</sup> segment.

(application: moisture-proof inscription field)

**AS 82-1 INA BT**

### Surface cap

with integrated frame and non-flammable ground plate  
for inserts with covers of the AS range (except key switches  
ref.-no. ..15, 3-level-switch and socket for Switzerland type 13)



1-gang, 85 x 85 x 47 mm

**Duroplastic (scratch-proof) glossy**  
white **AS 581 A WW**



2-gang, 156 x 85 x 47 mm

**Duroplastic (scratch-proof) glossy**  
white **AS 582 A WW**



3-gang, 227 x 85 x 47 mm

**Duroplastic (scratch-proof) glossy**  
white **AS 583 A WW**



### Strain relief

#### for surface caps

for cables 3 x 1.5 mm<sup>2</sup> up to 5 x 2.5 mm<sup>2</sup> (Ø 7 up to 13 mm)

**58 A ZUG**



### Inlets for cables, pipes and trunkings in surface caps

#### for cable and mini trunking

white **11 WW**



#### for trunking 15 x 15 mm

white **12 WW**



#### for pipes with outside Ø 16 mm

white **13 WW**



# A range

Ref.-no.



## 1-gang rocker

for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U, 501-20 U, 506-20 U, 507-20 U  
for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU  
for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
**Thermoplastic (breakproof) high-gloss**  
white



## 1-gang rocker with lens

for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU  
for push switch insert with indicator light ref.-no.: 502 KOTU, 506 KOTU  
for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
**Thermoplastic (breakproof) high-gloss**  
white



## 1-gang rocker with symbol "light"

for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U, 501-20 U, 506-20 U, 507-20 U  
for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU  
for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
**Thermoplastic (breakproof) high-gloss**  
white



## 1-gang rocker with symbol "light", with lens

for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU  
for push switch insert with indicator light ref.-no.: 502 KOTU, 506 KOTU  
for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
**Thermoplastic (breakproof) high-gloss**  
white



## 1-gang rocker with symbol "bell"

for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
**Thermoplastic (breakproof) high-gloss**  
white



## 1-gang rocker with symbol "bell", with lens

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
**Thermoplastic (breakproof) high-gloss**  
white



## 1-gang rocker with symbol "door"

for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
**Thermoplastic (breakproof) high-gloss**  
white



## 1-gang rocker with symbol "door", with lens

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
**Thermoplastic (breakproof) high-gloss**  
white



## Barrier-free living

**1-gang rocker with tactile symbol "light", with lens**  
for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU  
for push switch insert with indicator light ref.-no.: 502 KOTU, 506 KOTU  
for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
**Duroplastic (scratch-proof) glossy**  
white



## 1-gang rocker with tactile symbol "bell", with lens

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
**Duroplastic (scratch-proof) glossy**  
white



## 1-gang rocker with tactile symbol "door", with lens

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U  
**Duroplastic (scratch-proof) glossy**  
white

**For improved visibility use frame  
in contrasting black colour.**

# A range

Ref.-no.



## Frame A 550

black  
**Thermoplastic (breakproof) high-gloss**  
1-gang



## Frame A flow

black  
**Thermoplastic (breakproof) high-gloss**  
1-gang



## 1-gang rocker, transparent

for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U, 501-20 U, 506-20 U, 507-20 U  
for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU  
for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
for individual text or decorative inlets (e.g. wall paper)  
**Thermoplastic (breakproof) high-gloss**  
inscription field 50 x 50 mm



## Holder plate

for frame fixing and 1-gang rocker bearing (Spare part)  
black



## Pull cord switch 10 AX / 250 V ~

for wall and ceiling installation  
Screw terminals for wires up to 2.5 mm<sup>2</sup>  
with 50 mm pull cord  
**Thermoplastic (breakproof) high-gloss**  
white



## 2-gang rocker

for switch insert ref.-no.: 505 U, 509 U  
for push switch insert ref.-no.: 505 TU, 509 TU  
for push-button insert ref.-no.: 535 U, 539 U  
**Thermoplastic (breakproof) high-gloss**  
white



## 2-gang rocker with lens

for switch insert ref.-no.: 505 U 5  
for switch insert with indicator light ref.-no.: 505 KOU 5  
for push-button insert ref.-no.: 535 U 5  
**Thermoplastic (breakproof) high-gloss**  
white



## 2-gang rocker with arrow symbols

for blind switch insert ref.-no.: 509 VU  
for blind push-button insert ref.-no.: 539 VU  
**Thermoplastic (breakproof) high-gloss**  
white



## Holder plate

for frame fixing and 2-gang rocker bearing (Spare part)  
black

## A range

Ref.-no.



### 3-gang rocker

for 3-gang switch insert ref.-no.: 5301 EU, 5306 EU  
**Thermoplastic (breakproof) high-gloss**  
 white      ■ A 593 BF WW



### Holder plate

for frame fixing and 3-gang rocker bearing  
 (Spare part)  
 black      ■ A 93 HP



### Centre plate

for key switch inserts  
 ref.-no.: 104.28, 134.18, 134.28, 133.18, 138.18, 106.28  
 for key switch inserts IP 44 ref.-no.: CD 104.18 WU,  
 CD 134.18 WU, CD 133.18 WU, CD 106.18 WU  
**Thermoplastic (breakproof) high-gloss**

white      ■ ■ A 528 PL WW

One escutcheon plate with symbols and one without  
 symbols included in delivery.



### Centre plate

for key switch inserts ref.-no.: 104.15, 134.15, 133.15, 106.15  
**Thermoplastic (breakproof) high-gloss**

white      ■ ■ A 525 PL WW



### Centre plate with knob

for rotary switch insert ref.-no.: 1101-4, 1101-20  
 for timer switch insert ref.-no.: 11015, 11120-20  
 for rotary blind switch insert ref.-no.: 1234.10, 1234.20  
**Thermoplastic (breakproof) high-gloss**

white      ■ ■ A 1541 BF WW



### SCHUKO® socket 16 A / 250 V ~

With screw terminals: ref.-no. ..1521..  
 Supporting frame, claws and claw screws are integrated  
 into the earth protection.

#### Thermoplastic (breakproof) high-gloss

white	■ ■ A 1520 BF WW
blue	■ ■ A 1520 BF BL
green	■ ■ A 1520 BF GN
orange	■ ■ A 1520 BF O
red	■ ■ A 1520 BF RT



### SCHUKO® socket 16 A / 250 V ~

Screw terminals for wires up to 2.5 mm<sup>2</sup>  
 Supporting frame, claws and claw screws are integrated  
 into the earth protection.

#### Thermoplastic (breakproof) high-gloss

white	■ ■ A 1521 BF WW
blue	■ ■ A 1521 BF BL
green	■ ■ A 1521 BF GN
orange	■ ■ A 1521 BF O
red	■ ■ A 1521 BF RT



### SCHUKO® socket 16 A / 250 V ~

#### with child protection (shutter)

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.

#### Thermoplastic (breakproof) high-gloss

white	■ ■ A 1520 BFKI WW
blue	■ ■ A 1520 BFKI BL
green	■ ■ A 1520 BFKI GN
orange	■ ■ A 1520 BFKI O
red	■ ■ A 1520 BFKI RT

## A range

Ref.-no.



### SCHUKO® socket 16 A / 250 V ~ with inscription field 6 x 46 mm

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.

#### Thermoplastic (breakproof) high-gloss

white	■ ■ A 1520 BFNA WW
green	■ ■ A 1520 BFNA GN
orange	■ ■ A 1520 BFNA O
red	■ ■ A 1520 BFNA RT



### SCHUKO® socket 16 A / 250 V ~ with child protection (shutter) with inscription field 6 x 46 mm

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.

#### Thermoplastic (breakproof) high-gloss

white	■ ■ A 1520 BFKINA WW
green	■ ■ A 1520 BFKINA GN
orange	■ ■ A 1520 BFKINA O
red	■ ■ A 1520 BFKINA RT



### Transparent cover with paper inlay

for inscription field 6 x 46 mm  
 (Spare part)  
 paper inlay white      ■ ■ A 20 NA



### SCHUKO® socket 45°, 16 A / 250 V ~ with child protection (shutter)

especially suitable for vertical combination of several outlets  
 Without claws: ref.-no. with additional "N", e.g.: ..520-45 N..

#### Duroplastic (scratch-proof) glossy

white      ■ ■ A 520-45 KI WW



### SCHUKO® socket 16 A / 250 V ~ with pilot light (green LED) ref.-no.: 193-LED GN with child protection (shutter)

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

#### Thermoplastic (breakproof) high-gloss

white	■ ■ A 1520 BFKO WW
green	■ ■ A 1520 BFKO GN
orange	■ ■ A 1520 BFKO O
red	■ ■ A 1520 BFKO RT



### SCHUKO® socket 16 A / 250 V ~ with pilot light (green LED) ref.-no.: 193-LED GN with child protection (shutter) with inscription field 6 x 46 mm

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

#### Thermoplastic (breakproof) high-gloss

white	■ ■ A 1520 BFNKO WW
green	■ ■ A 1520 BFNKO GN
orange	■ ■ A 1520 BFNKO O
red	■ ■ A 1520 BFNKO RT



### Transparent cover with paper inlay

for inscription field 6 x 46 mm  
 (Spare part)  
 paper inlay white      ■ ■ A 20 NA



### SCHUKO® socket 16 A / 250 V ~ with surge voltage protection with child protection (shutter)

Screw terminals for wires up to 2.5 mm<sup>2</sup>  
 Without claws: ref.-no. with additional "N", e.g.: ..521 N..

#### Duroplastic (scratch-proof) glossy

white      ■ ■ A 521 KIUF WW

## A range

Ref.-no.



**SCHUKO® socket with RCD (residual current device)**  
16 A / 250 V ~  
according to DIN EN 61008-1 (VDE 0664-10) and  
DIN EN 61008-2-1 (VDE 0664-11)  
Rated residual current: 30 mA  
**with child protection (shutter)**  
not suitable for installation in surface caps  
**Thermoplastic (breakproof) high-gloss**  
white A 5520.30 WW



**RCD (residual current device) 16 A / 250 V ~**  
according to DIN EN 61008-1 (VDE 0664-10) and  
DIN EN 61008-2-1 (VDE 0664-11)  
Rated residual current: 30 mA  
not suitable for installation in surface caps  
**Thermoplastic (breakproof) high-gloss**  
white A 5530 FIB WW



**SCHUKO® socket 16 A / 250 V ~**  
**with LED floor pilot light**  
**with integrated brightness sensor**  
**with child protection (shutter)**  
Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption stand-by / ON: 0.3 / 0.5 W  
Supporting frame, claws and claw screws are integrated  
into the earth protection.  
**Thermoplastic (breakproof) high-gloss**  
white A 1520-O WW LNW



**LED floor pilot light**  
**with integrated brightness sensor**  
Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption stand-by / ON: 0.3 / 0.5 W  
Supporting frame, claws and claw screws are integrated  
into the earth protection.  
**Thermoplastic (breakproof) high-gloss**  
white A 1539-O WW LNW



**SCHUKO® socket 16 A / 250 V ~**  
**with hinged lid (with spring)**  
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.  
**Thermoplastic (breakproof) high-gloss**  
white A 1520 BFKL WW

green A 1520 BFKL GN  
orange A 1520 BFKL O



**SCHUKO® socket 16 A / 250 V ~**  
**with hinged lid (with spring)**  
**with child protection (shutter)**  
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.  
**Thermoplastic (breakproof) high-gloss**  
white A 1520 BFKIKL WW  
green A 1520 BFKIKL GN  
orange A 1520 BFKIKL O  
red A 1520 BFKIKL RT

## A range

Ref.-no.



**SCHUKO® socket 16 A / 250 V ~**  
**with hinged lid (with spring)**  
Screw terminals for wires up to 2.5 mm<sup>2</sup>  
Supporting frame, claws and claw screws are integrated  
into the earth protection.  
**Thermoplastic (breakproof) high-gloss**  
white A 1521 BFKL WW



**SCHUKO® socket 16 A / 250 V ~**  
**with hinged lid (with spring)**  
**with pilot light (green LED)** ref.-no.: 193-LED GN  
**with child protection (shutter)**  
Without claws: ref.-no. with additional "N", e.g.: ..1520 N..  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**  
white A 1520 BFKLKO WW  
green A 1520 BFKLKO GN  
orange A 1520 BFKLKO O  
red A 1520 BFKLKO RT



**SCHUKO® socket 16 A / 250 V ~**  
**with hinged lid (with spring)**  
**with safety lock** (24 different locks)  
**with child protection (shutter)**  
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.

**Thermoplastic (breakproof) high-gloss**  
white A 1520 BFKLSL WW  
green A 1520 BFKLSL GN  
orange A 1520 BFKLSL O



**Key**  
1 piece **802 SL**  
when ordering please indicate lock number



**Socket insert, French/Belgian system**  
2-pole + male earth pin, 16 A / 250 V ~  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**with claws**  
with screwless terminals **1520 F EINS**  
with screw terminals **1521 F EINS**



**Socket insert, French/Belgian system**  
2-pole + male earth pin, 16 A / 250 V ~  
Supporting frame is integrated into the earth protection.  
**without claws**  
with screwless terminals **1520 NF EINS**  
with screw terminals **1521 NF EINS**



**Centre plate**  
for socket insert French/Belgian system,  
ref.-no.: 1520 ..F EINS, 1521 ..F EINS  
**with child protection (shutter)**  
**Thermoplastic (breakproof) high-gloss**  
white A 1521 FBFKI WW P1



**Socket, French/Belgian system**  
2-pole + male earth pin, 16 A / 250 V ~  
with child protection (shutter)  
Screwless terminals for wires up to 2.5 mm<sup>2</sup>  
Supporting frame, claws and claw screws are integrated  
into the earth protection.  
**Duroplastic (scratch-proof) glossy**  
white A 1520 FKI WW

## A range

Ref.-no.



### Socket, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~  
with child protection (shutter)  
Screw terminals for wires up to 2.5 mm<sup>2</sup> acc. to NFC 61-314  
Supporting frame, claws and claw screws are integrated into the earth protection.

**Duroplastic (scratch-proof) glossy**  
white ■ A 1521 FKI WW



### Socket for Switzerland

**1-gang socket type 13**  
10 A 250 V ~, L + N + PE  
Screwless terminals for wires up to 2.5 mm<sup>2</sup>  
acc. to SEV 1011-1998/IEC 884-1  
to be installed into 68 mm flush box  
not suitable for installation in surface caps  
with supporting frame, screw fixing only  
**Thermoplastic (breakproof) high-gloss**  
white ■ A 1520-13 BF SEV WW



**Chinese socket combination 10 A / 250 V ~**  
consisting of:  
2-pole without earth for flat and rounded pins and  
2-pole with earth only for flat pins  
with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
screw fixing only, without claws  
Supporting frame is integrated into the earth protection.  
**Thermoplastic (breakproof) high-gloss**  
white ■ A 3521-5 CN BF WW



**Socket, 2-pole without earth 16 A / 250 V ~**  
Screw terminals for wires up to 2.5 mm<sup>2</sup>  
**Duroplastic (scratch-proof) glossy**  
white ■ A 511 N WW



**Socket, 2-pole without earth 16 A / 250 V ~ with child protection (shutter)**  
Screw terminals for wires up to 2.5 mm<sup>2</sup>  
**Duroplastic (scratch-proof) glossy**  
white ■ A 511 NKİ WW



**Socket insert British Standard 1363**  
**13 A 250 V ~**  
2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without switch ■ 3521 EINS



**Centre plate**  
for socket insert ref.-no. 3521 EINS  
**Duroplastic (scratch-proof) glossy**  
white ■ A 3521 WW PL



**Switched socket insert British Standard 1363**  
**13 A 250 V ~**  
2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without indicator light ■ 3171 EINS  
with indicator light ■ 3171 KO EINS



**Centre plate**  
for socket insert ref.-no. 3171 EINS  
**Thermoplastic (breakproof) high-gloss**  
white ■ A 3171 BF WW PL

## A range

Ref.-no.



### Centre plate

for socket insert ref.-no. 3171 KO EINS  
**Duroplastic (scratch-proof) glossy**  
white ■ A 3171 KO WW PL



**Socket insert British Standard 546**  
**5 A 250 V ~**  
2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>

without switch ■ 3171-5 EINS



**Centre plate**  
for socket insert ref.-no. 3171-5 EINS  
**Duroplastic (scratch-proof) glossy**  
white ■ A 3171-5 WW PL



**Socket insert for India**  
**16 A 250 V ~**  
2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>

without switch ■ 521 IN-EINS



**Centre plate**  
for socket insert for India, ref.-no. 521 IN-EINS  
**Duroplastic (scratch-proof) glossy**  
white ■ A 521 IN WW PL



**Centre plate with knob**  
for rotary dimmer inserts  
ref.-no.: 1730 DD, 1731 DD, 211 GDE  
for satellite dimmer insert ref.-no.: 1733 DNE  
for electronic potentiometer 1-10 V ref.-no.: 240-10, 240-31  
for DALI potentiometer insert  
ref.-no.: 240 DPE, 240 PDPE, 240 PDPE TW  
**Thermoplastic (breakproof) high-gloss**  
white ■ ■ A 1540 BF WW



**Centre plate with knob**  
for speed regulator insert ref.-no. 245.20  
**Thermoplastic (breakproof) high-gloss**  
white ■ ■ A 1540.20 BF WW



**Sealing gasket**  
for covers for rotary dimmer/speed regulator inserts  
IP 140 D  
To obtain protection level IP 44 the sealing gasket  
ref.-no.: 140 D has to be placed into the centre plate for rotary  
dimmer / speed regulator and IP 44 frame has to be used.



**Standard centre plate**  
for LB Management inserts "blinds"  
ref.-no.: 1730 JE and 1731 JE  
for LB Management inserts "light"  
ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE,  
1713 DSTE, 1720 NE, 1723 NE, 1708 IE  
**Thermoplastic (breakproof) high-gloss**  
white ■ ■ A 1700 BF WW



**Standard centre plate "arrows"**  
for LB Management inserts "blinds"  
ref.-no.: 1730 JE and 1731 JE  
for LB Management inserts "light"  
ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE,  
1713 DSTE, 1720 NE, 1723 NE, 1708 IE  
**Thermoplastic (breakproof) high-gloss**  
white ■ ■ A 1700 BFP WW

## A range

Ref.-no.



**Universal centre plate**  
for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

**Thermoplastic (breakproof) high-gloss**  
white A 1701 BF WW



**Universal centre plate "arrows"**  
for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

**Thermoplastic (breakproof) high-gloss**  
white A 1701 BFP WW



**Standard centre plate 2-gang**  
for LB Management inserts "light"

ref.-no.: 1702 SE, 1712 DE, 1713 DSTE, 1723 NE

**Thermoplastic (breakproof) high-gloss**  
white A 1702 BF WW



**Standard timer with display**  
for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

white A 1750 D WW



**Universal timer Bluetooth**  
for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

**Thermoplastic (breakproof) high-gloss**  
white A 1751 BFBT WW



**Universal timer Bluetooth "arrows"**

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

**Thermoplastic (breakproof) high-gloss**  
white A 1751 BFPBT WW



**Standard automatic switch 1.1 m**

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

**Thermoplastic (breakproof) high-gloss**  
white A 17180 WW



**Standard automatic switch 1.1 m**

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

**IP 44 suitable only for indoor installation**  
**Thermoplastic (breakproof) high-gloss**  
white A 17180 WU WW



**Standard automatic switch 2.2 m**

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

**IP 44 suitable only for indoor installation**  
**Thermoplastic (breakproof) high-gloss**  
white A 17280 WW

## A range

Ref.-no.



**Universal automatic switch 1.1 m**  
for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

**Thermoplastic (breakproof) high-gloss**  
white A 17181 WW



**Universal automatic switch 1.1 m**  
for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

**IP 44 suitable only for indoor installation**  
**Thermoplastic (breakproof) high-gloss**  
white A 17181 WU WW



**Universal automatic switch 2.2 m**  
for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

**IP 44 suitable for indoor and outdoor installation**  
**Thermoplastic (breakproof) high-gloss**  
white A 17281 WW



**Sealing kit**  
for automatic switches 2.2 m of the AS / A ranges

AS A 50 DS



**Room thermostat (1-way contact)**

1-pole NC contact 10 (4) A, AC 230 V ~, 50/60 Hz

**Thermoplastic (breakproof) high-gloss**  
white TR A 231 WW



**Room thermostat (2-way contact)**

1-pole, 2-way, heating 10 (4) A, AC 230 V ~, 50/60 Hz

1-pole, 2-way, cooling 5 (2) A, AC 230 V ~, 50/60 Hz

For switching between heating/cooling the  
EBERLE terminal strip EV..H/K is necessary.

**Thermoplastic (breakproof) high-gloss**  
white TR A 236 WW



**USB charger**

with 2 USB ports type A

screw fixing only, without claws

white

USB 3-2 WW

black

USB 3-2 SW



**USB charger**

with 1 USB port type A and 1 USB port type C

screw fixing only, without claws

white

USB 15 CA WW

black

USB 15 CA SW

**Covers:**

AS / A ranges: ref.-no. A 569 PLT ..

CD range: ref.-no. CD 569 T ..

SL range: ref.-no. SL 569 T ..

LS range: ref.-no. ... 969 T .., ... 2969 T ..

50 x 50: ref.-no. 169 T WW, 169 T SW



**Centre plate**

for TV-FM sockets ref.-no.: EDU 04 F, GEDU 10, GEDU 15

**Thermoplastic (breakproof) high-gloss**

white A 561 BFPLTV WW



**Centre plate**

for SAT-TV-FM socket outlet inserts

ref.-no.: EDA 302 F, GDA 313 F

for standard SAT-TV-FM sockets

**Thermoplastic (breakproof) high-gloss**

white A 561 BFPLSAT WW

## A range

Ref.-no.



### Smart TV socket

with supporting frame, screw fixing only

### Cover with screw fixing and shutter with spring

including universal modular jack socket ref.-no.: UMA-CAT6A and IEC plug module for antenna cables

### Thermoplastic (breakproof) high-gloss

white

**MMD A 4521 WW**

Specification IEC plug module:

External connection: coaxial plug IEC 60169-2

Internal connection: F socket IEC 60169-24

Impedance: 75 ohms

Frequency range: 5 ... 2400 MHz

Attenuation: 0 dB

Installation note: use flush box min. 63 mm deep and right angle plug



### Cable outlet

with supporting frame, screw fixing only

for cables 3 x 1.5 mm<sup>2</sup> up to 5 x 2.5 mm<sup>2</sup> (Ø 7 up to 13 mm)

### Duroplastic (scratch-proof) glossy

white

**■ A 590 A WW**



### Centre plate

für IAE/UAE-Anschlussdose

für Datendose Cat. 6

### 1 x 8-pol.

for WLAN access point ref.-no.: WLAN-AC-UAE, WLAN-AC-POE-UAE

### Thermoplastic (breakproof) high-gloss

white

**■ A 569-1 BFPLUA WW**



### Centre plate

für IAE/UAE-Anschlussdose

für Datendose Cat. 6

### 2 x 8-pol.

for media converter 2-gang ref.-no.: MK-POF-2UAE

### Thermoplastic (breakproof) high-gloss

white

**■ A 569-2 BFPLUA WW**



### Centre plate

for stereo loudspeaker socket

for 2-gang supporting frame in connection with universal modular jack socket cat. 6A iso, type A

### Thermoplastic (breakproof) high-gloss

white

**■ A 569 BFPLT WW**



### Centre plate

for USB charger ref.-no.: USB 3-2 WW, USB 3-2 SW, USB 15 CA WW, USB 15 CA SW

### Thermoplastic (breakproof) high-gloss

white

**■ A 1569 USB WW**



### Centre plate with inscription field 9 x 51 mm

for mounting adapter 30° ref.-no.: 3069..

### Thermoplastic (breakproof) high-gloss

white

**A 569-30 BF PL WW**



### Centre plate

with supporting frame, screw fixing only

for universal modular jack socket ref.-no.: UMA-CAT6A

### Cover with screw fixing and shutter with spring

for 1 socket

### Thermoplastic (breakproof) high-gloss

white

**■ A 569-1 NWE WW**



### Centre plate

with supporting frame, screw fixing only

for universal modular jack socket ref.-no.: UMA-CAT6A

### Cover with screw fixing and shutter with spring

for 2 sockets

### Thermoplastic (breakproof) high-gloss

white

**■ A 569-2 NWE WW**

## A range

Ref.-no.



### Potential equalisation socket

with supporting frame, screw fixing only

with 2 one-pole built-in male sockets according to DIN 42801

for wires up to 6 mm<sup>2</sup>

### Thermoplastic (breakproof) high-gloss

white

**■ A 565-2 BF WW**



### Right angle plug

for potential equalisation socket

screw terminal for wires with 4 or 6 mm<sup>2</sup>

**65 WIS**



### Blank centre plate (snap-on fixing)

with supporting frame, screw fixing only

### Thermoplastic (breakproof) high-gloss

white

**■ A 594-0 WW**



### Centre plate

for pilot lights ref.-no.: 938-10 U and 938-14 U

### Thermoplastic (breakproof) high-gloss

white

**■ A 537 BFPL WW**



### Sealing gasket

for covers for pilot light ref.-no.: ..537.., ..937..

**■ 37 D**

To obtain protection level IP 44 the sealing gasket ref.-no.: 37 D has to be placed into the pilot light centre plate and IP 44 frame has to be used.



### Screw cap

for covers for pilot light ref.-no.: ..537.., ..937..

### flat, for lamps up to max. length of 35 mm

transparent **37.02**

red **37.05**

### high, for lamps up to max. length of 54 mm

transparent **37**

red **37 R**

## A range

Ref.-no.



**Intermediate frame**  
to install devices with 50 x 50 mm cover (DIN 49075)  
**Thermoplastic (breakproof) high-gloss**  
white **A 590 Z WW**



**Intermediate frame**  
for the installation of "Ackermann" RJ 45 sockets WAEG..  
**Thermoplastic (breakproof) high-gloss**  
white **A 590 ZA WW**



**Sealing gasket**  
to ensure protection level IP 44,  
for all flush-mounted switch/push-button inserts  
of the 500 range,  
SCHUKO® sockets with hinged lid,  
rotary switches and timer switch inserts,  
for all devices/covers with blue "IP 44 marking"  
in some cases with additional gaskets  
acc. to product description

**551 WU**



**Sealing kit**  
for automatic switches 2.2 m of the AS / A ranges

**AS A 50 DS**

## A range – A 550 and A flow

Ref.-no.



**Frame**  
**for horizontal and vertical installation**  
**for A range**

Labelling is possible with labelling kit ref.-no. AC 80 NAS  
1-gang frames also suitable for British Standard installations  
(supporting frame must be compatible)

1-gang 85 x 85 x 10 mm  
2-gang 85 x 156 x 10 mm  
3-gang 85 x 227 x 10 mm  
4-gang 85 x 298 x 10 mm  
5-gang 85 x 369 x 10 mm

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

### Frame A 550

**white**

**Thermoplastic (breakproof) high-gloss**  
1-gang **A 5581 BF WW**  
2-gang **A 5582 BF WW**  
3-gang **A 5583 BF WW**  
4-gang **A 5584 BF WW**  
5-gang **A 5585 BF WW**



### Frame A flow

**white**

**Thermoplastic (breakproof) high-gloss**  
1-gang **AF 581 BF WW**  
2-gang **AF 582 BF WW**  
3-gang **AF 583 BF WW**  
4-gang **AF 584 BF WW**  
5-gang **AF 585 BF WW**



### Labelling kit for A creation, A 550, A flow

consists of 5 adhesive labelling fields and 1 mounting adapter  
inscription field 9 x 54 mm **AC 80 NAS**

# LS range

Ref.-no.



## 1-gang rocker

for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U, 501-20 U, 506-20 U, 507-20 U  
for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU  
for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
for multi switch insert ref.-no.: 531-41 U (not metal versions)

### Duroplastic (scratch-proof) glossy

white LS 990 WW

#### metal versions

aluminium AL 2990  
stainless steel ES 2990

## 1-gang rocker with inscription field 9 x 58 mm

for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U, 501-20 U, 506-20 U, 507-20 U  
for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU  
for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
for multi switch insert ref.-no.: 531-41 U

### Duroplastic (scratch-proof) glossy

white LS 990 NA WW

## Transparent cover with paper inlay

for inscription field 9 x 58 mm  
(Spare part)

paper inlay white CD 90 NA

## 1-gang rocker with inscription field 12 x 55 mm

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

#### metal versions

aluminium AL 2990 NA  
stainless steel ES 2990 NA

## Transparent cover

for inscription field 12 x 55 mm  
(Spare part)

M 20 NA

## 1-gang rocker with lens

for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU  
for push switch insert with indicator light ref.-no.: 502 KOTU, 506 KOTU

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U

### Duroplastic (scratch-proof) glossy

white LS 990 KO5 WW

#### metal versions

aluminium AL 2990 KO5  
stainless steel ES 2990 KO5

## 1-gang rocker with lens and inscription field 9 x 58 mm

for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU  
for push switch insert with indicator light ref.-no.: 502 KOTU, 506 KOTU

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U

### Duroplastic (scratch-proof) glossy

white LS 990 NAKO5 WW

## Transparent cover with paper inlay

for inscription field 9 x 58 mm  
(Spare part)

paper inlay white CD 90 NA

## 1-gang rocker with lens and inscription field 12 x 55 mm

for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU  
for push switch insert with indicator light ref.-no.: 502 KOTU, 506 KOTU

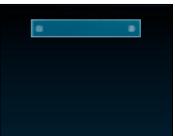
for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U

#### metal versions

aluminium AL 2990 NAKO5  
stainless steel ES 2990 NAKO5

# LS range

Ref.-no.



## Transparent cover

for inscription field 12 x 55 mm  
(Spare part)

M 20 NA



## 1-gang rocker with symbol "light"

for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U, 501-20 U, 506-20 U, 507-20 U

for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU

for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U

### Duroplastic (scratch-proof) glossy

white LS 990 L WW

#### metal versions

aluminium AL 2990 L  
stainless steel ES 2990 L



## 1-gang rocker with symbol "bell"

for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U

### Duroplastic (scratch-proof) glossy

white LS 990 K WW

#### metal versions

aluminium AL 2990 K  
stainless steel ES 2990 K



## 1-gang rocker with symbol "bell", with lens

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U

### Duroplastic (scratch-proof) glossy

white LS 990 KO5 K WW

#### metal versions

aluminium AL 2990 KO5 K  
stainless steel ES 2990 KO5 K



## 1-gang rocker with symbol "door"

for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U

### Duroplastic (scratch-proof) glossy

white LS 990 T WW

#### metal versions

aluminium AL 2990 T  
stainless steel ES 2990 T



## 1-gang rocker with symbol "door", with lens

for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U

### Duroplastic (scratch-proof) glossy

white LS 990 KO5 T WW

#### metal versions

aluminium AL 2990 KO5 T  
stainless steel ES 2990 KO5 T



## 1-gang rocker with embossed symbol "light"

for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U,

501-20 U, 506-20 U, 507-20 U

for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU

for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U

#### metal versions

aluminium AL 2990 LP  
stainless steel ES 2990 LP

## LS range

Ref.-no.



**1-gang rocker with embossed symbol "light", with lens**  
for switch insert with indicator light ref.-no.: 502 KOU,  
503 KOU, 506 KOU, 501-20 KOU, 502-20 KOU, 506-20 KOU  
for push switch insert with indicator light  
ref.-no.: 502 KOTU, 506 KOTU  
for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U

**metal versions**

aluminium	AL 2990 KO5 LP
stainless steel	ES 2990 KO5 LP



**1-gang rocker with embossed symbol "bell"**  
for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U

**metal versions**

aluminium	AL 2990 KP
stainless steel	ES 2990 KP



**1-gang rocker with embossed symbol "bell", with lens**  
for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U

**metal versions**

aluminium	AL 2990 KO5 KP
stainless steel	ES 2990 KO5 KP



**1-gang rocker with embossed symbol "door"**  
for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U

**metal versions**

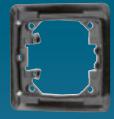
aluminium	AL 2990 TP
stainless steel	ES 2990 TP



**1-gang rocker with embossed symbol "door", with lens**  
for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U

**metal versions**

aluminium	AL 2990 KO5 TP
stainless steel	ES 2990 KO5 TP



**Holder plate**  
for frame fixing and 1-gang rocker bearing  
(Spare part)  
black

CD 90 HP



**1-gang rocker, transparent**  
for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U,  
501-20 U, 506-20 U, 507-20 U  
for push switch insert ref.-no.: 502 TU, 506 TU, 507 TU  
for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U  
for individual text or decorative inlets (e.g. wall paper)

**Thermoplastic (breakproof) high-gloss**  
inscription field 66 x 66 mm **LS 990 NAGL**



**1-gang rocker with glass plate**  
with rocker and red lens  
for all 1-gang switch/push-button inserts  
(except push switch insert)

**Thermoplastic (breakproof) high-gloss**

red	
similar RAL 3000	561 GL RT
blue	
similar RAL 5015	561 GL BL
yellow	
similar RAL 1004	561 GL GE



**2-gang rocker**  
for switch insert ref.-no.: 505 U, 509 U  
for push switch insert ref.-no.: 505 TU, 509 TU  
for push-button insert ref.-no.: 535 U, 539 U  
for multi switch insert ref.-no.: 532-4 U (not metal versions)

**Duroplastic (scratch-proof) glossy**

white	LS 995 WW
<b>metal versions</b>	
aluminium	AL 2995
stainless steel	ES 2995

## LS range

Ref.-no.



**2-gang rocker with lens**  
for switch insert ref.-no.: 505 U 5  
for switch insert with indicator light ref.-no.: 505 KOU 5  
for push-button insert ref.-no.: 535 U 5

**Duroplastic (scratch-proof) glossy**

white	LS 995 KO5 WW
-------	---------------

**metal versions**

aluminium	AL 2995 KO5
stainless steel	ES 2995 KO5



**2-gang rocker with inscription field 9 x 27 mm**  
for switch insert ref.-no.: 505 U, 509 U  
for push switch insert ref.-no.: 505 TU, 509 TU  
for push-button insert ref.-no.: 535 U, 539 U  
for multi switch insert ref.-no.: 532-4 U

**Duroplastic (scratch-proof) glossy**

white	LS 995 NA WW
-------	--------------



**2-gang rocker with lens and inscription fields 9 x 27 mm**  
for switch insert ref.-no.: 505 U 5  
for switch insert with indicator light ref.-no.: 505 KOU 5  
for push-button insert ref.-no.: 535 U 5

**Duroplastic (scratch-proof) glossy**

white	LS 995 NA KO5 WW
-------	------------------

**Transparent cover with paper inlay**

for inscription field 9 x 27 mm  
(Spare part)

A set of two covers  
paper inlay white

CD 95 NA



**2-gang rocker with arrow symbols**  
for blind switch insert ref.-no.: 509 VU  
for blind push-button insert ref.-no.: 539 VU

**Duroplastic (scratch-proof) glossy**

white	LS 995 P WW
-------	-------------

**metal versions**

aluminium	AL 2995 P
stainless steel	ES 2995 P



**2-gang rocker with embossed arrow symbols**  
for blind switch insert ref.-no.: 509 VU  
for blind push-button insert ref.-no.: 539 VU

**metal versions**

aluminium	AL 2995 PP
stainless steel	ES 2995 PP



**Holder plate**  
for frame fixing and 2-gang rocker bearing  
(Spare part)  
black

CD 95 HP



**3-gang rocker**  
for 3-gang switch insert ref.-no.: 5301 EU, 5306 EU

**Thermoplastic (breakproof) high-gloss**

white	LS 993 BF WW
-------	--------------

**metal versions**

aluminium	AL 993
stainless steel	ES 993



**Holder plate**  
for frame fixing and 3-gang rocker bearing  
(Spare part)  
black

LS 93 HP

# LS range

Ref.-no.



## Centre plate

for key switch inserts

ref.-no.: 104.28, 134.18, 134.28, 133.18, 138.18, 106.28  
for key switch inserts IP 44 ref.-no.: CD 104.18 WU,  
CD 134.18 WU, CD 133.18 WU, CD 106.18 WU

## Thermoplastic (breakproof) high-gloss

white LS 928 WW

### metal versions

aluminium AL 2928  
stainless steel ES 2928

One escutcheon plate with symbols and one without symbols included in delivery.



## Centre plate

for key switch inserts ref.-no.: 104.15, 134.15, 133.15, 106.15

## Thermoplastic (breakproof) high-gloss

white LS 925 WW

### metal versions

aluminium AL 2925  
stainless steel ES 2925



## Centre plate with knob

for rotary switch insert ref.-no.: 1101-4, 1101-20

for timer switch insert ref.-no.: 11015, 11120-20

for rotary blind switch insert ref.-no.: 1234.10, 1234.20

## Duroplastic (scratch-proof) glossy

white LS 1941 WW

### metal versions

aluminium AL 1941  
stainless steel ES 1941



## SCHUKO® socket 16 A / 250 V ~

With screw terminals: ref.-no.: 1521..

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

## Thermoplastic (breakproof) high-gloss

white LS 1520 BF WW

green LS 1520 BF GN

orange LS 1520 BF O

red LS 1520 BF RT

### metal versions

aluminium AL 1520

stainless steel ES 1520



## SCHUKO® socket 16 A / 250 V ~

Screw terminals for wires up to 2.5 mm<sup>2</sup>

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

## Duroplastic (scratch-proof) glossy

white LS 1521 WW

## Thermoplastic (breakproof) high-gloss

orange LS 1521 BF O

red LS 1521 BF RT

### metal versions

aluminium AL 1521

stainless steel ES 1521



## SCHUKO® socket 16 A / 250 V ~

### with child protection (shutter)

With screw terminals: ref.-no. ..1521..

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

## Thermoplastic (breakproof) high-gloss

white LS 1520 BFKI WW

green LS 1520 BFKI GN

orange LS 1520 BFKI O

red LS 1520 BFKI RT

### metal versions

aluminium AL 1520 KI

stainless steel ES 1520 KI

# LS range

Ref.-no.



## SCHUKO® socket 16 A / 250 V ~ with inscription field 9 x 58 mm

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.

## Thermoplastic (breakproof) high-gloss

white LS 1520 BFNA WW

green LS 1520 BFNA GN

orange LS 1520 BFNA O

red LS 1520 BFNA RT



## SCHUKO® socket 16 A / 250 V ~ with child protection (shutter) with inscription field 9 x 58 mm

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.

## Thermoplastic (breakproof) high-gloss

white LS 1520 BFKINA WW

green LS 1520 BFKINA GN

orange LS 1520 BFKINA O

red LS 1520 BFKINA RT



## Transparent cover with paper inlay

for inscription field 9 x 58 mm

(Spare part)

paper inlay white

**CD 90 NA**



## SCHUKO® socket 16 A / 250 V ~ with inscription field 12 x 55 mm

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.

### metal versions

aluminium AL 1520 NA

ES 1520 NA



## SCHUKO® socket 16 A / 250 V ~ with child protection (shutter) with inscription field 12 x 55 mm

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.

### metal versions

aluminium AL 1520 KINA

ES 1520 KINA



## Transparent cover

for inscription field 12 x 55 mm

(Spare part)

**M 20 NA**



## SCHUKO® socket 45°, 16 A / 250 V ~

especially suitable for vertical combination of several outlets

Without claws: ref.-no. with additional "N", e.g.: ..520-45 N..

## Duroplastic (scratch-proof) glossy

white

LS 520-45 WW

### metal versions

aluminium

AL 2520-45

stainless steel ES 2520-45

## LS range

Ref.-no.



**SCHUKO® socket 16 A / 250 V ~**  
with pilot light (green LED) ref.-no.: 193-LED GN  
with child protection (shutter)  
with inscription field 9 x 58 mm

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

**Thermoplastic (breakproof) high-gloss**

- |        |                   |
|--------|-------------------|
| white  | LS 1520 BFNAKO WW |
| green  | LS 1520 BFNAKO GN |
| orange | LS 1520 BFNAKO O  |
| red    | LS 1520 BFNAKO RT |

**Transparent cover with paper inlay**

for inscription field 9 x 58 mm

(Spare part)

paper inlay white CD 90 NA



**SCHUKO® socket 16 A / 250 V ~**  
with child protection (shutter)  
with integrated inscription module (moisture-proof)  
50 x 10 mm

including inscription module ref.-no.: LS 61 INA BT  
When the centre plate is removed, the inscription module  
remains latched onto the supporting frame.

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

**Thermoplastic (breakproof) high-gloss**

- |        |                  |
|--------|------------------|
| white  | ■ LS 1520 INA WW |
| green  | LS 1520 INA GN   |
| orange | LS 1520 INA O    |
| red    | LS 1520 INA RT   |



**SCHUKO® socket 16 A / 250 V ~**  
with pilot light (green LED) ref.-no.: 193-LED GN  
with child protection (shutter)  
with integrated inscription module (moisture-proof)  
50 x 10 mm

including inscription module ref.-no.: LS 61 INA BT  
When the centre plate is removed, the inscription module  
remains latched onto the supporting frame.  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**

- |        |                     |
|--------|---------------------|
| white  | ■ LS 1520 INA KO WW |
| green  | LS 1520 INA KO GN   |
| orange | LS 1520 INA KO O    |
| red    | LS 1520 INA KO RT   |



**Inscription module 50 x 10 mm**

(Spare part)

for SCHUKO® sockets ref.-no.: LS 1520 .. INA ..

LS 61 INA BT



**SCHUKO® socket 16 A / 250 V ~**  
with surge voltage protection  
with child protection (shutter)  
with inscription field 7 x 57 mm

Screw terminals for wires up to 2.5 mm<sup>2</sup>  
Without claws: ref.-no. with additional "N", e.g.: ..521 N..

**Duroplastic (scratch-proof) glossy**

white LS 521 KINAUF WW



**Transparent cover with paper inlay**

for inscription field 7 x 57 mm

(Spare part)

paper inlay white LS 20 NA

## LS range

Ref.-no.



**SCHUKO® socket 16 A / 250 V ~**  
with surge voltage protection  
with child protection (shutter)  
with inscription field 12 x 55 mm

Screw terminals for wires up to 2.5 mm<sup>2</sup>  
Without claws: ref.-no. with additional "N", e.g.: ..521 N..

**metal versions**

- |           |                |
|-----------|----------------|
| aluminium | AL 2521 KINAUF |
|-----------|----------------|

AL 2521 KINAUF



**Transparent cover**

for inscription field 12 x 55 mm  
(Spare part)

M 20 NA



**SCHUKO® socket with RCD (residual current device)**

16 A / 250 V ~ according to DIN EN 61008-1 (VDE 0664-10) and

DIN EN 61008-2-1 (VDE 0664-11)

Rated residual current: 30 mA

with child protection (shutter)

not suitable for installation in surface caps

**Thermoplastic (breakproof) high-gloss**

white LS 5520.30 WW



**RCD (residual current device) 16 A / 250 V ~**  
according to DIN EN 61008-1 (VDE 0664-10) and

DIN EN 61008-2-1 (VDE 0664-11)

Rated residual current: 30 mA

suitable for cables with 2 or 3 conductors

not suitable for installation in surface caps

**Thermoplastic (breakproof) high-gloss**

white LS 5530 FIB WW



**SCHUKO® socket 16 A / 250 V ~**  
with LED floor pilot light

with integrated brightness sensor

with child protection (shutter)

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption stand-by / ON: 0.3 / 0.5 W  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**

white LS 1520-O WW LNW

**metal versions (lacquered)**

aluminium

AL 1520-O LNW

stainless steel

ES 1520-O LNW



**SCHUKO® socket 16 A / 250 V ~**  
with hinged lid (with spring)

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.

**Thermoplastic (breakproof) high-gloss**

white ■ LS 1520 BFKL WW

green ■ LS 1520 BFKL GN

orange ■ LS 1520 BFKL O

red ■ LS 1520 BFKL RT

**metal versions**

aluminium

■ AL 1520 KL

stainless steel

■ ES 1520 KL



**SCHUKO® socket 16 A / 250 V ~**  
with hinged lid (with spring)

Screw terminals for wires up to 2.5 mm<sup>2</sup>

Metal versions not suitable for ceiling installation.

**Duroplastic (scratch-proof) glossy**

white ■ LS 1521 KL WW

**metal versions**

aluminium

■ AL1521KL

stainless steel

■ ES 1521 KL

## LS range

Ref.-no.



### SCHUKO® socket 16 A / 250 V ~ with hinged lid (with spring) with child protection (shutter)

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.

#### Thermoplastic (breakproof) high-gloss

white	LS 1520 BFKIKL WW
green	LS 1520 BFKIKL GN
orange	LS 1520 BFKIKL O
red	LS 1520 BFKIKL RT
<b>metal versions</b>	
aluminium	AL 1520 KIKL
stainless steel	ES 1520 KIKL

### SCHUKO® socket 16 A / 250 V ~ with hinged lid (with spring) with inscription field 9 x 58 mm with child protection (shutter)

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.

#### Thermoplastic (breakproof) high-gloss

white	LS 1520 BFNAKL WW
green	LS 1520 BFNAKL GN
orange	LS 1520 BFNAKL O
red	LS 1520 BFNAKL RT

#### Transparent cover with paper inlay

for inscription field 9 x 58 mm

(Spare part)

paper inlay white **CD 90 NA**



### SCHUKO® socket 16 A / 250 V ~ with hinged lid (with spring) with inscription field 12 x 55 mm with child protection (shutter)

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.

#### metal versions

aluminium	AL 1520 NAKL
stainless steel	ES 1520 NAKL



#### Transparent cover

for inscription field 12 x 55 mm

(Spare part)

**M 20 NA**



### SCHUKO® socket 16 A / 250 V ~ with hinged lid (with spring) with inscription field 9 x 39 mm with pilot light (green LED) ref.-no.: 193-LED GN with child protection (shutter)

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

#### Thermoplastic (breakproof) high-gloss

white	LS 1520 NAKLKO WW
green	LS 1520 NAKLKO GN
orange	LS 1520 NAKLKO O
red	LS 1520 NAKLKO RT

## LS range

Ref.-no.



**SCHUKO® socket 16 A / 250 V ~**  
with hinged lid (with spring)  
with inscription field 9 x 39 mm  
with safety lock (24 different locks)  
with child protection (shutter)

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.

#### Thermoplastic (breakproof) high-gloss

white	LS 1520 NAKLSL WW
<b>metal versions (lacquered)</b>	
aluminium	AL 1520 NAKLSL
stainless steel	ES 1520 NAKLSL

#### Key

1 piece **802 SL**  
when ordering please indicate lock number



#### Transparent cover with paper inlay

for inscription field 9 x 39 mm  
(Spare part)

paper inlay white **LS 90 NA**



### Socket, 2-pole without earth 16 A / 250 V ~

Screw terminals for wires up to 2.5 mm<sup>2</sup>

#### Duroplastic (scratch-proof) glossy

white LS 911 WW



### Socket insert, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

#### with claws

with screwless terminals **1520 F EINS**  
with screw terminals **1521 F EINS**



### Socket insert, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~  
Supporting frame is integrated into the earth protection.

#### without claws

with screwless terminals **1520 NF EINS**  
with screw terminals **1521 NF EINS**



#### Centre plate

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

#### with child protection (shutter)

#### Duroplastic (scratch-proof) glossy

white LS 1521 FKI WW PL-1

#### metal versions

aluminium	AL 1521 FKI PL-1
stainless steel	ES 1521 FKI PL-1



### Socket, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~  
with child protection (shutter)

Screwless terminals for wires up to 2.5 mm<sup>2</sup>

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

#### Duroplastic (scratch-proof) glossy

white LS 1520 FKI WW

#### metal versions

aluminium	AL 1520 FKI
stainless steel	ES 1520 FKI



## LS range

Ref.-no.



### Socket, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~  
with child protection (shutter)  
Screw terminals for wires up to 2.5 mm<sup>2</sup> acc. to NFC 61-314  
Supporting frame, claws and claw screws are integrated into the earth protection.

#### Duroplastic (scratch-proof) glossy

white ■ LS 1521 FKI WW  
metal versions  
aluminium ■ AL 1521 FKI  
stainless steel ■ ES 1521 FKI



### Socket for Switzerland

#### 1-gang socket type 13

10 A 250 V ~, L + N + PE  
Screwless terminals for wires up to 2.5 mm<sup>2</sup>  
acc. to SEV 1011-1998/IEC 884-1  
to be installed into 68 mm flush box  
not suitable for installation in surface caps  
with supporting frame, screw fixing only

#### Duroplastic (scratch-proof) glossy

white ■ LS 1520-13 SEV WW  
metal versions  
aluminium ■ AL 1520-13 SEV  
stainless steel ■ ES 1520-13 SEV

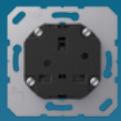


### Chinese socket combination 10 A / 250 V ~

consisting of:  
2-pole without earth for flat and rounded pins and  
2-pole with earth only for flat pins  
with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
screw fixing only, without claws  
Supporting frame is integrated into the earth protection.

#### Duroplastic (scratch-proof) glossy

white ■ LS 3521-5 CN WW  
metal versions  
aluminium ■ AL 3521-5 CN  
stainless steel ■ ES 3521-5 CN



### Socket insert British Standard 1363

#### 13 A 250 V ~

2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without switch ■ 3521 EINS

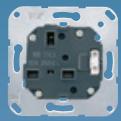


### Centre plate

for socket insert ref.-no. 3521 EINS  
only in combination with frames in the LS range

#### Duroplastic (scratch-proof) glossy

white ■ BS 2521 WW PL  
metal versions  
aluminium ■ BS 2521 AL PL  
stainless steel ■ BS 2521 ES PL



### Switched socket insert British Standard 1363

#### 13 A 250 V ~

2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without indicator light ■ 3171 EINS  
with indicator light ■ 3171 KO EINS



### Centre plate

for socket insert ref.-no. 3171 EINS  
only in combination with frames in the LS range

#### Duroplastic (scratch-proof) glossy

white ■ BS 2171 WW PL  
metal versions  
aluminium ■ BS 2171 AL PL  
stainless steel ■ BS 2171 ES PL

## LS range

Ref.-no.

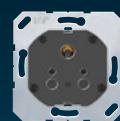


### Centre plate

for socket insert ref.-no. 3171 KO EINS  
only in combination with frames in the LS range

#### Duroplastic (scratch-proof) glossy

white ■ BS 2171 KO WW PL  
metal versions  
aluminium ■ BS 2171 KO AL PL  
stainless steel ■ BS 2171 KO ES PL



### Socket insert British Standard 546

#### 5 A 250 V ~

2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without switch ■ 3171-5 EINS

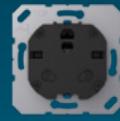


### Centre plate

for socket insert ref.-no. 3171-5 EINS  
only in combination with frames in the LS range

#### Duroplastic (scratch-proof) glossy

white ■ BS 2171-5 WW PL  
metal versions  
aluminium ■ BS 2171-5 AL PL  
stainless steel ■ BS 2171-5 ES PL



### Socket insert for India

#### 16 A 250 V ~

2-pole + earth, with child protection (shutter)  
Screw terminals for wires up to 4 mm<sup>2</sup>  
without switch ■ 521 IN-EINS



### Centre plate

for socket insert for India, ref.-no. 521 IN-EINS

#### Duroplastic (scratch-proof) glossy

white ■ LS 521 IN WW PL  
metal versions  
aluminium ■ AL 2521 IN PL  
stainless steel ■ ES 2521 IN PL



### Centre plate with knob

for rotary dimmer inserts

ref.-no.: 1730 DD, 1731 DD, 211 GDE

for satellite dimmer insert ref.-no.: 1733 DNE

for electronic potentiometer 1-10 V ref.-no.: 240-10, 240-31

for DALI potentiometer insert

ref.-no.: 240 DPE, 240 PDPE, 240 PDPE TW

#### Duroplastic (scratch-proof) glossy

white ■ LS 1940 WW  
metal versions  
aluminium ■ AL 1940  
stainless steel ■ ES 1940



### Centre plate with knob

for speed regulator insert ref.-no. 245.20

#### Duroplastic (scratch-proof) glossy

white ■ LS 1940.20 WW



### Sealing gasket

for covers for rotary dimmer/speed regulator inserts

IP ■ 140 D

To obtain protection level IP 44 the sealing gasket

ref.-no.: 140 D has to be placed into the centre plate for rotary dimmer / speed regulator and IP 44 frame has to be used.

## LS range

Ref.-no.



### Standard centre plate

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1720 NE, 1723 NE, 1708 IE

### Duroplastic (scratch-proof) glossy

white

LS 1700 WW

#### metal versions

aluminium

AL 1700

stainless steel

ES 1700



### Standard centre plate "arrows"

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1720 NE, 1723 NE, 1708 IE

### Duroplastic (scratch-proof) glossy

white

LS 1700 P WW

#### metal versions

aluminium

AL 1700 P

stainless steel

ES 1700 P



### Universal centre plate

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

LS 1701 WW

#### metal versions

aluminium

AL 1701

stainless steel

ES 1701



### Universal centre plate "arrows"

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

LS 1701 P WW

#### metal versions

aluminium

AL 1701 P

stainless steel

ES 1701 P



### Standard centre plate 2-gang

for LB Management inserts "light"

ref.-no.: 1702 SE, 1712 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

LS 1702 WW

#### metal versions

aluminium

AL 1702

stainless steel

ES 1702



### Standard timer with display

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

white LS 1750 D WW

## LS range

Ref.-no.



### Universal timer Bluetooth

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

LS 1751 BT WW

#### metal versions

aluminium

AL 1751 BT

stainless steel

ES 1751 BT



### Universal timer Bluetooth "arrows"

for LB Management inserts "blinds"

ref.-no.: 1730 JE and 1731 JE

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE

### Duroplastic (scratch-proof) glossy

white

LS 1751 PBT WW

#### metal versions

aluminium

AL 1751 PBT

stainless steel

ES 1751 PBT



### Standard automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### Thermoplastic (breakproof) high-gloss

white

LS 17180 WW

#### metal versions (lacquered)

aluminium

AL 17180

stainless steel

ES 17180



### Standard automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### IP 44 suitable only for indoor installation

### Thermoplastic (breakproof) high-gloss

white

LS 17180 WU WW

#### metal versions (lacquered)

aluminium

AL 17180 WU

stainless steel

ES 17180 WU



### Standard automatic switch 2.2 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### IP 44 suitable only for indoor installation

### Thermoplastic (breakproof) high-gloss

white

LS 17280 WW

#### metal versions (lacquered)

aluminium

AL 17280

stainless steel

ES 17280



### Universal automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### Thermoplastic (breakproof) high-gloss

white

LS 17181 WW

#### metal versions (lacquered)

aluminium

AL 17181

stainless steel

ES 17181



### Universal automatic switch 1.1 m

for LB Management inserts "light"

ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE

### IP 44 suitable only for indoor installation

### Thermoplastic (breakproof) high-gloss

white

LS 17181 WU WW

#### metal versions (lacquered)

aluminium

AL 17181 WU

stainless steel

ES 17181 WU

# LS range

Ref.-no.



**Universal automatic switch 2.2 m**  
for LB Management inserts "light"  
ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE,  
1713 DSTE, 1723 NE, 1708 IE

**IP 44 suitable for indoor and outdoor installation**

**Thermoplastic (breakproof) high-gloss**

white LS 17281 WW

**metal versions (lacquered)**

aluminium AL 17281  
stainless steel ES 17281



**Sealing kit**

for automatic switches 2.2 m of the CD and LS ranges

AS CD 50 DS



**Room thermostat (1-way contact)**

1-pole NC contact 10 (4) A, AC 230 V ~, 50/60 Hz

**Thermoplastic (breakproof) high-gloss**

white TR LS 231 WW

**metal versions**

aluminium TR AL 231  
stainless steel TR ES 231



**Room thermostat (2-way contact)**

1-pole, 2-way, heating 10 (4) A, AC 230 V ~, 50/60 Hz

1-pole, 2-way, cooling 5 (2) A, AC 230 V ~, 50/60 Hz

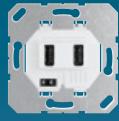
For switching between heating/cooling the EBERLE terminal strip EV.H/K is necessary.

**Thermoplastic (breakproof) high-gloss**

white TR LS 236 WW

**metal versions**

aluminium TR AL 236  
stainless steel TR ES 236



**USB charger**

with 2 USB ports type A

screw fixing only, without claws

white USB 3-2 WW  
black USB 3-2 SW



**USB charger**

with 1 USB port type A and 1 USB port type C

screw fixing only, without claws

white USB 15 CA WW  
black USB 15 CA SW

**Covers:**

AS / A ranges: ref.-no. A 569 PLT ..

CD range: ref.-no. CD 569 T ..

SL range: ref.-no. SL 569 T ..

LS range: ref.-no. ... 969 T ..., ... 2969 T ..

50 x 50: ref.-no. 169 T WW, 169 T SW

**Hinged lids with symbol:**

CD range: ref.-no. CD 590 KL USB ..

LS range: ref.-no. LS 990 BFKL USB ..  
... 2990 KL USB ..

**Centre plate**

for TV-FM sockets ref.-no.: EDU 04 F, GEDU 10, GEDU 15

**Thermoplastic (breakproof) high-gloss**

white LS 990 TV WW

**metal versions**

aluminium AL 2990 TV  
stainless steel ES 2990 TV



**Centre plate**

for SAT-TV-FM socket outlet inserts

ref.-no.: EDA 302 F, GDA 313 F

for standard SAT-TV-FM sockets

**Thermoplastic (breakproof) high-gloss**

white LS 990 SAT WW

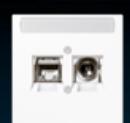
**metal versions**

aluminium AL 2990 SAT  
stainless steel ES 2990 SAT



# LS range

Ref.-no.



**Smart TV socket**

with supporting frame, screw fixing only

**Cover with screw fixing and shutter with spring**

with inscription field 9 x 58 mm

including universal modular jack socket ref.-no.: UMA-CAT6A and IEC plug module for antenna cables

**Thermoplastic (breakproof) high-gloss**

white MMD LS 4521 WW

Specification IEC plug module:

External connection: coaxial plug IEC 60169-2

Internal connection: F socket IEC 60169-24

Impedance: 75 ohms

Frequency range: 5 ... 2400 MHz

Attenuation: 0 dB

Installation note: use flush box min. 63 mm deep and right angle plug



**Cable outlet**

with supporting frame, screw fixing only

for cables 3 x 1.5 mm<sup>2</sup> up to 5 x 2.5 mm<sup>2</sup> (Ø 7 up to 13 mm)

**Duroplastic (scratch-proof) glossy**

white LS 990 A WW

**metal versions**

aluminium AL 2990 A  
stainless steel ES 2990 A



**Centre plate**

für IAE/UAE-Anschlussdose

für Datendose Cat. 6

**1 x 8-pol.**

for WLAN access point

ref.-no.: WLAN-AC-UAE, WLAN-AC-POE-UAE

**Thermoplastic (breakproof) high-gloss**

white LS 969-1 UA WW

**metal versions**

aluminium AL 2969-1 UA  
stainless steel ES 2969-1 UA



**Centre plate with inscription field 9 x 58 mm**

für IAE/UAE-Anschlussdose

für Datendose Cat. 6

**1 x 8-pol.**

for WLAN access point

ref.-no.: WLAN-AC-UAE, WLAN-AC-POE-UAE

**Thermoplastic (breakproof) high-gloss**

white LS 969-1 NAUA WW

**metal versions, with inscription field 12 x 55 mm**

aluminium AL 2969-1 NAUA

stainless steel ES 2969-1 NAUA



**Transparent cover with paper inlay**

for inscription field 9 x 58 mm

(Spare part)

paper inlay white

CD 90 NA



**Transparent cover**

for inscription field 12 x 55 mm

(Spare part)

M 20 NA



**Centre plate**

für IAE/UAE-Anschlussdose

für Datendose Cat. 6

**2 x 8-pol.**

for media converter 2-gang ref.-no.: MK-POF-2UAE

**Thermoplastic (breakproof) high-gloss**

white LS 969-2 UA WW

**metal versions**

aluminium AL 2969-2 UA

stainless steel ES 2969-2 UA

## LS range

Ref.-no.



### Centre plate with inscription field 9 x 58 mm

für IAE/UAE-Anschlussdose  
für Datendose Cat. 6

#### 2 x 8-pol.

for media converter 2-gang ref.-no.: MK-POF-2UAE  
**Thermoplastic (breakproof) high-gloss**

white LS 969-2 NAUA WW  
**metal versions, with inscription field 12 x 55 mm**

aluminium AL 2969-2 NAUA  
stainless steel ES 2969-2 NAUA



### Centre plate with inscription field 9 x 51 mm

for mounting adapter 30° ref.-no.: 3069..

**Thermoplastic (breakproof) high-gloss**  
white LS 569-30 BF PL WW

#### metal versions (lacquered)

aluminium AL 569-30 BF PL-L  
stainless steel ES 569-30 BF PL-L



### Centre plate

with supporting frame, screw fixing only  
for universal modular jack socket ref.-no.: UMA-CAT6A

**Cover with screw fixing and shutter with spring for 1 socket**

**Thermoplastic (breakproof) high-gloss**  
white LS 969-1 NWE WW

#### metal versions (lacquered)

aluminium AL 969-1 NWE-L  
stainless steel ES 969-1 NWE-L



### Centre plate with inscription field 9 x 58 mm

with supporting frame, screw fixing only  
for universal modular jack socket ref.-no.: UMA-CAT6A

**Cover with screw fixing and shutter with spring for 2 sockets**

**Thermoplastic (breakproof) high-gloss**  
white LS 969-2 NWE WW

**metal versions, with inscription field 12 x 55 mm**  
aluminium AL 2969-2 NWE  
stainless steel ES 2969-2 NWE



### Transparent cover with paper inlay

for inscription field 9 x 58 mm

(Spare part)

paper inlay white CD 90 NA



### Transparent cover

for inscription field 12 x 55 mm

(Spare part)

M 20 NA



### Centre plate

for stereo loudspeaker socket  
for 2-gang supporting frame in connection  
with universal modular jack socket cat. 6A iso, type A

**Thermoplastic (breakproof) high-gloss**

white LS 969 T WW

#### metal versions

aluminium AL 2969 T  
stainless steel ES 2969 T



### Centre plate

for USB charger ref.-no.: USB 3-2 WW, USB 3-2 SW,  
USB 15 CA WW, USB 15 CA SW

**Thermoplastic (breakproof) high-gloss**

white LS 1969 USB WW

#### metal versions

aluminium AL 1969 USB  
stainless steel ES 1969 USB

## LS range

Ref.-no.



### Potential equalisation socket

with supporting frame, screw fixing only  
with 2 one-pole built-in male sockets according to DIN 42801  
for wires up to 6 mm<sup>2</sup>

**Duroplastic (scratch-proof) glossy**

white LS 965-2 WW

#### metal versions

aluminium AL 2965-2

stainless steel ES 2965-2



### Right angle plug

for potential equalisation socket  
screw terminal for wires with 4 or 6 mm<sup>2</sup>  
 65 WIS



### Blank centre plate (snap-on fixing)

with supporting frame, screw fixing only  
**Thermoplastic (breakproof) high-gloss**

white LS 994 B WW

#### metal versions

aluminium AL 2994 B

stainless steel ES 2994 B



### LED floor pilot light

#### with integrated brightness sensor

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)  
Power consumption stand-by / ON: 0.3 / 0.5 W  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**

white LS 1539-O WW LNW

#### metal versions (lacquered)

aluminium AL 1539-O LNW

stainless steel ES 1539-O LNW



### LED floor pilot light

Installation into flush box min. 63 mm (depth)  
with white LEDs (colour temperature 4000 K)

Power consumption (ON): 0.5 W  
The floor pilot light can be switched via an external switch.  
Supporting frame, claws and claw screws are integrated  
into the earth protection.

**Thermoplastic (breakproof) high-gloss**

white LS 1539-OO WW LNW

#### metal versions (lacquered)

aluminium AL 1539-OO LNW

stainless steel ES 1539-OO LNW



### Centre plate

for pilot lights ref.-no.: 938-10 U and 938-14 U

**Duroplastic (scratch-proof) glossy**

white LS 937 WW

#### metal versions

aluminium AL 2937

stainless steel ES 2937



### Sealing gasket

for covers for pilot light ref.-no.: ..537.., ..937..

37 D

To obtain protection level IP 44 the sealing gasket  
ref.-no.: 37 D has to be placed into the pilot light centre plate  
and IP 44 frame has to be used.



### Screw cap

for covers for pilot light ref.-no.: ..537.., ..937..

**flat, for lamps up to max. length of 35 mm**

transparent 37.02

red 37.05

**high, for lamps up to max. length of 54 mm**

transparent 37

red 37 R

## LS range

Ref.-no.



**Intermediate frame**  
to install devices with 50 x 50 mm cover (DIN 49075)  
**Thermoplastic (breakproof) high-gloss**  
white **LS 961 Z WW**



**Intermediate frame**  
to install devices with CD 500 cover  
**Thermoplastic (breakproof) high-gloss**  
white **LS 981 Z WW**  
Combination with push-button sensors, LCD info display and room thermostat is **not** possible.



**Intermediate frame**  
to install devices of other manufacturers with 55 x 55 mm cover  
Not suitable for devices of the AS / A ranges.  
**Thermoplastic (breakproof) high-gloss**  
white **LS 961 Z5 WW**  
**metal versions (lacquered)**  
aluminium **AL 2961 Z5-L**  
stainless steel **ES 2961 Z5-L**



**Hinged lid with spring**  
for sockets and devices with 50 x 50 mm cover  
Metal versions not suitable for ceiling installation.  
**Thermoplastic (breakproof) high-gloss**  
white **■ LS 990 BFKL WW**  
**metal versions**  
aluminium **■ AL 2990 KL**  
stainless steel **■ ES 2990 KL**



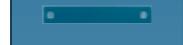
**Hinged lid with spring with inscription field 9 x 58 mm**  
for sockets and devices with 50 x 50 mm cover  
**Thermoplastic (breakproof) high-gloss**  
white **■ LS 990 BFNAKL WW**



**Transparent cover with paper inlay**  
for inscription field 9 x 58 mm  
(Spare part)  
paper inlay white **CD 90 NA**



**Hinged lid with spring with inscription field 12 x 55 mm**  
for sockets and devices with 50 x 50 mm cover  
Metal versions not suitable for ceiling installation.  
**metal versions**  
aluminium **■ ■ AL 2990 NAKL**  
stainless steel **■ ■ ES 2990 NAKL**



**Transparent cover**  
for inscription field 12 x 55 mm  
(Spare part) **M 20 NA**



**Hinged lid with spring with symbol "charger"**  
for USB charger ref.-no.: USB 3-2 WW, USB 3-2 SW,  
USB 15 CA WW, USB 15 CA SW  
including centre plate  
**Thermoplastic (breakproof) high-gloss**  
white **LS 990 BFKL USB WW**  
**metal versions**  
aluminium **AL 2990 KL USB**  
stainless steel **ES 2990 KL USB**

## LS range

Ref.-no.



**Hinged lid with spring with symbol "plug"**  
for sockets with 50 x 50 mm cover  
**Thermoplastic (breakproof) high-gloss**  
white **LS 990 BFKL SOC WW**

**metal versions**  
aluminium **AL 2990 KL SOC**  
stainless steel **ES 2990 KL SOC**



**Hinged lid with spring with symbol "LAN"**  
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 UPOK6E, AE 8-8 UPOK6  
(2 x 8-pol.)  
including centre plate  
**Thermoplastic (breakproof) high-gloss**  
white **LS 990 BFKL LAN WW**  
**metal versions**  
aluminium **AL 2990 KL LAN**  
stainless steel **ES 2990 KL LAN**



**Sealing gasket**  
to ensure protection level IP 44,  
for all flush-mounted switch/push-button inserts  
of the 500 range,  
SCHUKO® sockets with hinged lid,  
rotary switches and timer switch inserts,  
for all devices/covers with blue "IP 44 marking"  
in some cases with additional gaskets  
acc. to product description **IP 551 WU**



**Sealing kit**  
for automatic switches 2.2 m of the CD and LS ranges  
**IP AS CD 50 DS**

## LS range – LS CUBE

Ref.-no.



### Surface cap

with integrated frame and non-flammable ground plate  
for inserts with covers of the LS range (except key switches  
ref.-no. ..15, 3-level-switch and socket for Switzerland type 13)

**1-gang, 81 x 81 x 47 mm**

**Duroplastic (scratch-proof) glossy**

white **LS 581 A WW**

### metal versions (lacquered)

aluminium **AL 2581 A-L**  
stainless steel **ES 2581 A-L**



**2-gang, 152 x 81 x 47 mm**

**Duroplastic (scratch-proof) glossy**

white **LS 582 A WW**

### metal versions (lacquered)

aluminium **AL 2582 A-L**  
stainless steel **ES 2582 A-L**



**3-gang, 223 x 81 x 47 mm**

**Duroplastic (scratch-proof) glossy**

white **LS 583 A WW**

### metal versions (lacquered)

aluminium **AL 2583 A-L**  
stainless steel **ES 2583 A-L**



### Strain relief for surface caps

for cables 3 x 1.5 mm<sup>2</sup> up to 5 x 2.5 mm<sup>2</sup> (Ø 7 up to 13 mm)

**58 A ZUG**



### Inlets for cables, pipes and trunkings in surface caps

#### for cable and mini trunking

white **11 WW**

#### for trunking 15 x 15 mm

white **12 WW**

#### for pipes with outside Ø 16 mm

white **13 WW**

## LS range – LS 990

Ref.-no.



### Frame for horizontal and vertical installation for LS range

1-gang 81 x 81 x 11 mm

2-gang 81 x 152 x 11 mm

3-gang 81 x 223 x 11 mm

4-gang 81 x 294 x 11 mm

5-gang 81 x 365 x 11 mm



### Duroplastic (scratch-proof) glossy white

1-gang **IP LS 981 WW**

2-gang **IP LS 982 WW**

3-gang **IP LS 983 WW**

4-gang **IP LS 984 WW**

5-gang **IP LS 985 WW**



### Metal versions

#### aluminium

1-gang **IP AL 2981**

2-gang **IP AL 2982**

3-gang **IP AL 2983**

4-gang **IP AL 2984**

5-gang **IP AL 2985**



#### stainless steel

1-gang **IP ES 2981**

2-gang **IP ES 2982**

3-gang **IP ES 2983**

4-gang **IP ES 2984**

5-gang **IP ES 2985**



## LS range – LS ZERO

Ref.-no.

### Frame for horizontal and vertical installation for LS range

1-gang 81 x 81 mm  
2-gang 81 x 152 mm  
3-gang 81 x 223 mm

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



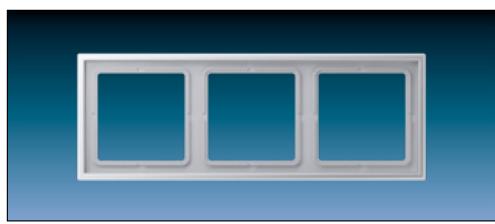
### Thermoplastic (breakproof) high-gloss white

1-gang LSZ 981 BF WW  
2-gang LSZ 982 BF WW  
3-gang LSZ 983 BF WW



### Thermoplastic (breakproof) lacquered aluminium

1-gang LSZ AL 981 BF  
2-gang LSZ AL 982 BF  
3-gang LSZ AL 983 BF



### stainless steel

1-gang LSZ ES 981 BF  
2-gang LSZ ES 982 BF  
3-gang LSZ ES 983 BF



## LS range – LS ZERO

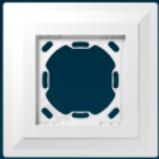
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### Plastering frame

for the flush-mounting installation of devices and covers  
of the LS range into appliance box according to DIN 49073  
suitable for plaster or plasterboard thickness of 12.5 mm  
for horizontal and vertical installation  
including plaster aid

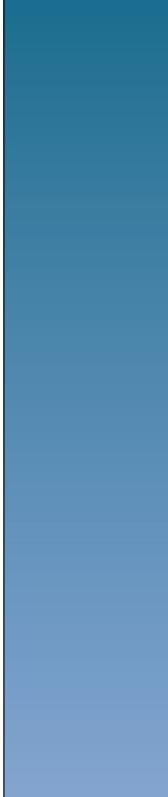


1-gang PA 981 G 125-0  
2-gang PA 982 G 125-0  
3-gang PA 983 G 125-0



Plastering frame  
for a 3 mm flush installation of devices and covers  
of the LS range into appliance box according to DIN 49073  
(3 mm structure height on the wall)  
suitable for plaster or plasterboard thickness of 12.5 mm  
for horizontal and vertical installation  
including plaster aid

1-gang PA 981 G 125-3  
2-gang PA 982 G 125-3  
3-gang PA 983 G 125-3



# WG 800

Ref.-no.



**1-gang switch 10 AX / 250 V ~**  
 1-pole, 2-way      IP 806 W  
 intermediate      IP 807 W  
**Rocker with symbols I 0**  
 2-pole, 1-way      IP 802 W



**1-gang switch 16 AX / 400 V ~**  
 Screw terminals for wires up to 4 mm<sup>2</sup>  
**Rocker with symbols I 0**  
 3-pole, 1-way      IP 803 W



**1-gang switch 10 AX / 250 V ~**  
 with inscription field 22 x 48 mm  
 1-pole, 2-way      IP 806 NAW



**1-gang switch 10 AX / 250 V ~ with indicator light**  
 Neutral conductor required  
 with red lens (ref.-no.: 33 NR) and glow lamp (ref.-no.: 90)  
 1-pole, 2-way      IP 806 KOW  
**Rocker with symbols I 0**  
 2-pole, 1-way      IP 802 KOW



**1-gang push-button 10 A / 250 V ~**  
 with neutral symbol (ref.-no.: 33 AN N)  
 1-pole  
 1-way (NO contact)      IP 831 W  
 1-pole  
 2-way with terminal  
 for N conductor      IP 833 W  
 1-pole  
 1-way (NO contact) with separate  
 contacts for indicator light and red lens  
 (ref.-no. 33 NR)      IP 834 W



**1-gang push-button 10 A / 250 V ~**  
 with neutral symbol (ref.-no.: 33 AN N)  
 Screw terminals for wires up to 2.5 mm<sup>2</sup>  
 2-pole, 2-way      IP 833-2 W



**Insert without symbol, translucent**  
 for switches with indicator light and push-buttons  
 in design range WG 800  
 green      33 GN  
 red      33 NR  
 transparent      33 KLAR

# WG 800

Ref.-no.



**1-gang push-button 10 A / 250 V ~**  
 with inscription field 22 x 48 mm  
 1-pole  
 1-way (NO contact)      IP 831 NAW



**1-gang rocker with glass plate**  
 with red rocker and red lens  
 for all waterproof 1-gang switches/push-buttons of WG 800  
 red  
 similar RAL 3000      IP 860 WGL RT  
 blue  
 similar RAL 5015      IP 860 WGL BL  
 yellow  
 similar RAL 1004      IP 860 WGL GE



**2-gang switch 10 AX / 250 V ~**  
 1-pole, 1-way      IP 805 W  
 1-pole, 1-way  
 with inscription fields  
 22 x 22 mm      IP 805 NAW



**2-gang switch 10 AX / 250 V ~**  
 Screw terminals for wires up to 2.5 mm<sup>2</sup>  
 1-pole, 2-way      IP 809 W  
 1-pole, 2-way  
 with inscription fields  
 22 x 22 mm      IP 809 NAW



**2-gang push-button, 10 A / 250 V ~**  
 Screw terminals for wires up to 2.5 mm<sup>2</sup>  
 1-pole, 2-way      IP 839 W  
 1-pole, 2-way  
 with inscription fields  
 22 x 22 mm      IP 839 NAW



**2-gang push-button, 10 A / 250 V ~**  
 1-pole  
 1-way (NO contact)      IP 835 W  
 1-pole, 1-way (NO contact)  
 with inscription fields  
 22 x 22 mm      IP 835 NAW

# WG 800

Ref.-no.



## Key switch/push-button

delivery without locking plate  
for locking cylinder with total length of approx. 40 mm,  
e.g. ref.-no.: 28, 28 G1  
Screw terminals for wires up to 2.5 mm<sup>2</sup>  
aluminium housing 90 x 75 x 65 mm  
When using locking cylinder from other manufacturer, please consider, that the cylinder has key access on only one side.  
(Otherwise water can get through the cylinder into the switch housing. IP 44 is thus not guaranteed.)

### 10 AX 250 V ~

Blind switch

2-pole (2 motors) \* **IP 804.28 G**

### 10 A 250 V ~

Blind push-button

2-pole (2 motors) \* **IP 834.28 G**

Push-button, 1-pole

2-way **IP 833.18 G**

### 16 AX 250 V ~

Switch

2-pole, 2-way **IP 806.28 G**

\* A pre-travel prevents a quick change of direction.



## SCHUKO® socket 16 A / 250 V ~

**IP 820 W**

with child protection  
(shutter)

**IP 820 KIW**

with pilot light

ref.-no. 93 **IP 820 KOW**

exchangeable from the front without disconnecting the mains



## SCHUKO® socket 16 A / 250 V ~ with inscription field 22 x 48 mm

**IP 820 NAW**

with child protection  
(shutter)

**IP 820 KINAW**

green hinged lid

**IP 820 GN NAW**

orange hinged lid

**IP 820 O NAW**



## SCHUKO® socket 16 A / 250 V ~ with safety lock

### with inscription field 22 x 48 mm

with 2 keys

(24 different locks) **IP 820 NAWSL**



## SCHUKO® socket 16 A / 250 V ~ with surge voltage protection

with optical and acoustic fault indication

Screw terminals for wires up to 2.5 mm<sup>2</sup>

**IP 821 UF W**

# WG 800

Ref.-no.



## SCHUKO® socket 16 A / 250 V ~ with 1-gang / 2-way switch 10 AX / 250 V ~

**IP 876 W**



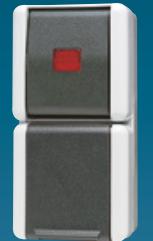
## SCHUKO® socket 16 A / 250 V ~ with push-button 10 A / 250 V ~

1-pole  
1-way (NO contact) **IP 871 W**



## SCHUKO® socket 16 A / 250 V ~ with 2-gang switch 10 AX / 250 V ~

**IP 875 W**



## SCHUKO® socket 16 A / 250 V ~ with 1-gang / 2-way switch with indicator light

10 AX 250 V ~

Neutral conductor required

**IP 876 KOW**



## SCHUKO® socket 16 A / 250 V ~ with 1-gang / 2-way switch 10 AX / 250 V ~

with two inscription fields 22 x 48 mm

**IP 876 NAW**

# WG 800

Ref.-no.



**2-gang SCHUKO® socket 16 A / 250 V ~ wired**  
with two inscription fields 22 x 48 mm  
**for vertical installation, housing 75 x 151 x 58 mm**  
2 inlets  
2 single covers      **IP 822 NAW**  
2 inlets  
2 single covers with child protection (shutter)      **IP 822 KINAW**  
**for horizontal installation, housing 151 x 75 x 58 mm**  
4 inlets  
2 single covers      **IP 8220 NAW**  
4 inlets  
2 single covers with child protection (shutter)      **IP 8220 KINAW**



**Socket, French/Belgian system**  
2-pole + male earth pin, 16 A / 250 V ~  
with child protection (shutter)  
Screw terminals for wires up to 2.5 mm<sup>2</sup> acc. to NFC 61-314  
**IP 821 FKI W**



**Socket US NEMA system**  
**15 A, 125 V ~, 5-15R, 2-pole + earth**  
Screw terminals for wires up to 4 mm<sup>2</sup> acc. to US-NEMA  
**IP 821-15 USW**



**Socket US NEMA system**  
**20 A, 125 V ~, 5-20R, 2-pole + earth**  
Screw terminals for wires up to 4 mm<sup>2</sup> acc. to US-NEMA  
**IP 821-20 USW**

# WG 800

Ref.-no.



**Pilot light (without cap)**  
Screw terminals for wires up to 2.5 mm<sup>2</sup>  
max. load 5 W

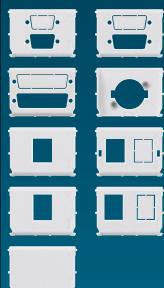
thread E10      **IP 837-10 W**  
thread E14      **IP 837-14 W**



**Screw cap**  
for pilot lights ref.-no.: 837-10 W, 837-14 W  
**flat, for lamps up to max. length of 35 mm**  
transparent      37.02  
red      37.05  
**high, for lamps up to max. length of 54 mm**  
transparent      37  
red      37 R



**Data connection, 75 x 86 x 58 mm**  
1 inlet  
with inscription field 21 x 59 mm  
only for vertical outlet  
without mounting plates  
**IP 854 W**



**Mounting plates for data connection cap**

54-2 D 9  
54-2 D 15  
54-2 D 25  
54 XLRD  
54-1 WE  
54-2 WE  
54-15 WE  
54-25 WE  
54

# Good to know

Information sources, on-line tools and cooperation partners:

Further information about JUNG products and offers can be found here. For comprehensive service.



## JUNG WEBSITE

All information for offers in the area of health-care can be found at the JUNG website. Clearly presented and illustrated. Naturally also with further links and download material.

[jung-group.com](http://jung-group.com)



## JUNG ONLINE CATALOGUE

Technical information for viewing and for download is attached to the individual JUNG articles in the on-line catalogue. Including data sheets, tender texts, operating manuals, and much more.

[jung.de/en/online-catalogue](http://jung.de/en/online-catalogue)

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# JUNG brochures



## PLUG + GO

The solution for serial rooms and prepared systems: plug + go is the simple, clean and fast electrical installation in furniture and cavity wall systems.



## PLUG & LIGHT

Always perfectly dimmable LED light: Plug & Light always ensures the optimum lighting situation. The JUNG system is the first that guarantees easily controllable light in the interior.

[jung.de/pal](http://jung.de/pal)



## LES COULEURS® LE CORBUSIER

JUNG offers as a worldwide exclusive switches and frames in the 63 original Les Couleurs® Le Corbusier colours.

[jung.de/ic](http://jung.de/ic)



## LB MANAGEMENT

The modular system for optimal light and shade control offers a solution for practically every desired function.

[jung.de/lb](http://jung.de/lb)



## KNX

Worldwide standard: the KNX system with advantages, application examples as well as references from the contract manufacturing.

[jung.de/knx](http://jung.de/knx)



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