Healthcare
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.
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

Care staff and doctors require reliable connection possibilities close to the patients. The potential equalisation socket meeting DIN 42801 for conductors up to 6 mm² 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.

Potential equalisation socket in the AS 500 design in white.

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

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

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

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.

- **USB BATTERY CHARGER**
  - with hinged lid in the LS 990 design in stainless steel.
- **KNX F 40 PUSH-BUTTON SENSORS**
  - with engraved centre plate in the LS 990 design in stainless steel.
- **SCHUKO® SOCKET WITH INCREASED CHILD PROTECTION**
  - and inscription field in the LS 990 design in aluminium.
- **POTENTIAL EQUALISATION SOCKET**
  - in the LS 990 design in aluminium.
Plug & Light

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 cozy 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.
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

<table>
<thead>
<tr>
<th>JACK SOCKET</th>
<th>POTENTIAL EQUALISATION SOCKET</th>
</tr>
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<tbody>
<tr>
<td><img src="image1" alt="HV II/F 2:16" /></td>
<td><img src="image2" alt="HV II/F" /></td>
</tr>
<tr>
<td>with two network sockets and inscription field in the LS 990 design in stainless steel.</td>
<td>in the LS 990 design in stainless steel.</td>
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</table>

<table>
<thead>
<tr>
<th>SCHUKO® SOCKET</th>
<th>ROCKER SWITCHES</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3" alt="HV II/F 2:17" /></td>
<td><img src="image4" alt="SURGERY LIGHT" /></td>
</tr>
<tr>
<td>with integrated, increased child protection and inscription field in the LS 990 design in stainless steel.</td>
<td>with labelling in the LS 990 design in stainless steel.</td>
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</tbody>
</table>

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

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.

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.
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.

The P3 emergency system from hospicall for nursing homes.

<table>
<thead>
<tr>
<th>ROOM MODULE</th>
<th>ROOM MODULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>with call and reset buttons in the A flow design in black.</td>
<td>with call and reset buttons with auxiliary socket in the A flow design in matt anthracite.</td>
</tr>
<tr>
<td>with reset button as a functional module in the LS 990 design in black.</td>
<td>with call button as a functional module in the LS 990 design in matt anthracite.</td>
</tr>
</tbody>
</table>

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.

Tyco Fire & Security Holding Germany GmbH
Varolux GmbH & Co. KG
Novar GmbH, a Honeywell Company

Tunstall GmbH
PRAGMA GmbH Zittau
ConDigi Deutschland GmbH

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.
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

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.

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.
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.
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

<table>
<thead>
<tr>
<th>SHADING</th>
<th>ASTRO FUNCTION</th>
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<tbody>
<tr>
<td><img src="image" alt="Shading Icon" /></td>
<td><img src="image" alt="Astro Function Icon" /></td>
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<tr>
<td>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.</td>
<td>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.</td>
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<tr>
<th>VENTILATION</th>
<th>PERFECT LIGHT</th>
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<tbody>
<tr>
<td><img src="image" alt="Ventilation Icon" /></td>
<td><img src="image" alt="Perfect Light Icon" /></td>
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<tr>
<td>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.</td>
<td>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.</td>
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</table>

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.
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.
Clear Communication

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.

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

LED PILOT LIGHT

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

LED PILOT LIGHT

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

**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.

**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.

**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.

**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.

**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.

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.

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).

SCHUKO® SOCKET
with function display, integrated increased child protection and integrated labelling area (spray-proof) in the AS 500 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.

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.
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 Duoplast 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 antibacterial 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.

SYSTEM DESIGN

1. Duty room with duty room unit
2. Accessible WC with pull cord switch
3. Power supply and reset button
4. Call button
5. Emergency signal module in the corridor

The pull cord in the WC triggers a visual and acoustic alarm. This is sounded outside the toilet rooms. Alongside that, a duty room unit can optionally be installed that sends an additional signal to another room.
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 craftspersons 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 gessi® 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.

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

**SOCKET COMBINATIONS**

You decide for a pure socket combination, ...

... whether all sockets are provided with an incoming conductor, ...

... whether an outgoing conductor is needed alongside the incoming conductor ...

... or indeed a combination of both elements is required (optional).

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 plugin@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

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

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

HBW = Lightness coefficient

LIGHTNESS COEFFICIENTS 72

Easily visible

The classic LS 990 switch in the 63 Les Couleurs®
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### Individual Labelling

**LED Pilot Light**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107</td>
<td>Black, real glass cover in combination with LS 990 chrome frames.</td>
</tr>
</tbody>
</table>

**Laser Engraving**

- F 40 push-button sensor in stainless steel with laser engraving.
- F 50 push-button sensor in anthracite with labelling areas.

**Colour Printing**

- Rocker in white with colour printing.

**Labelling**

- 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.
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.
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.
The University Hospital of the Saarland, Homburg

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

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 treatment 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.
Nursing home in Orbec

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.

KNX F 40 PUSH-BUTTON SENSORS

In the LS 990 design in white.
The JUNG catalogue app

**SEARCH AND FIND PRODUCTS**

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.

**QR CODE SCANNER**

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

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

Following is an excerpt about JUNG products and solutions that are specifically relevant for the healthcare sector.
<table>
<thead>
<tr>
<th>Inserts</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang switch insert 10 AX / 250 V –</td>
<td>501 U</td>
</tr>
<tr>
<td>2-pole, 1-way</td>
<td>502 U</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>506 U</td>
</tr>
<tr>
<td>intermediate</td>
<td>507 U</td>
</tr>
<tr>
<td>1-gang switch insert 20 AX / 250 V –</td>
<td>501-20 U</td>
</tr>
<tr>
<td>1-pole, 1-way</td>
<td>506-20 U</td>
</tr>
<tr>
<td>intermediate</td>
<td>507-20 U</td>
</tr>
<tr>
<td>1-gang switch insert 16 AX / 400 V –</td>
<td>503 U</td>
</tr>
<tr>
<td>Screw terminals for wires up to 4 mm²</td>
<td>503 KOU</td>
</tr>
<tr>
<td>2-pole, 1-way</td>
<td>506 KOU</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>506 KOU</td>
</tr>
<tr>
<td>1-gang switch insert 10 AX / 250 V –</td>
<td>503 KOU</td>
</tr>
<tr>
<td>with indicator light</td>
<td>98-220</td>
</tr>
<tr>
<td>Neutral conductor required</td>
<td>98</td>
</tr>
<tr>
<td>with glow lamp ref.-no. 98</td>
<td></td>
</tr>
<tr>
<td>1-pole, 1-way</td>
<td>501-20 KOU</td>
</tr>
<tr>
<td>2-pole, 1-way</td>
<td>502-20 KOU</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>506 KOU</td>
</tr>
<tr>
<td>1-gang switch insert 16 AX / 400 V –</td>
<td>503 KOU</td>
</tr>
<tr>
<td>with indicator light</td>
<td>98</td>
</tr>
<tr>
<td>Screw terminals for wires up to 4 mm²</td>
<td>503 KOU</td>
</tr>
<tr>
<td>with glow lamp ref.-no. 98</td>
<td></td>
</tr>
<tr>
<td>3-pole, 1-way</td>
<td>503 KOU</td>
</tr>
<tr>
<td>1-gang push switch insert 10 A / 250 V –</td>
<td>502 TU</td>
</tr>
<tr>
<td>Can be converted into pull cord switch by means of pull cord insert ref.-no. 34 or 34 KO5.</td>
<td>506 TU</td>
</tr>
<tr>
<td>Without claws: ref.-no. with additional “E”, e.g.: 506 KOEU</td>
<td></td>
</tr>
<tr>
<td>1-pole, 1-way</td>
<td>502 TU</td>
</tr>
<tr>
<td>2-pole, 2-way</td>
<td>506 TU</td>
</tr>
<tr>
<td>intermediate</td>
<td>507 TU</td>
</tr>
<tr>
<td>1-gang push switch insert 10 A / 250 V –</td>
<td>502 KOTU</td>
</tr>
<tr>
<td>with indicator light</td>
<td>90</td>
</tr>
<tr>
<td>Neutral conductor required</td>
<td>90</td>
</tr>
<tr>
<td>with glow lamp ref.-no. 90</td>
<td></td>
</tr>
<tr>
<td>Can be converted into pull cord switch by means of pull cord insert ref.-no. 34 or 34 KO5.</td>
<td>506 KOTU</td>
</tr>
<tr>
<td>Without claws: ref.-no. with additional “E”, e.g.: 506 KOEU</td>
<td></td>
</tr>
<tr>
<td>1-pole, 1-way</td>
<td>502 KOTU</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>506 KOTU</td>
</tr>
<tr>
<td>1-gang push-button insert 10 A / 250 V –</td>
<td>531 U</td>
</tr>
<tr>
<td>Can be converted into pull cord push-button by means of pull cord insert ref.-no. 34 or 34 KO5.</td>
<td>533 U</td>
</tr>
<tr>
<td>Without claws: ref.-no. with additional “E”, e.g.: 531 EU</td>
<td></td>
</tr>
<tr>
<td>1-pole</td>
<td>531 U</td>
</tr>
<tr>
<td>1-way (NO contact)</td>
<td>531 U</td>
</tr>
<tr>
<td>1-pole</td>
<td>533 U</td>
</tr>
<tr>
<td>2-way with terminal for N conductor</td>
<td>533 U</td>
</tr>
<tr>
<td>1-way (NO contact) with separate contacts for indicator light</td>
<td>534 U</td>
</tr>
<tr>
<td>1-gang push-button insert 10 A / 250 V –</td>
<td>532 U</td>
</tr>
<tr>
<td>Can be converted into pull cord push-button by means of pull cord insert ref.-no. 34 or 34 KO5.</td>
<td>533-2 U</td>
</tr>
<tr>
<td>Screw terminals for wires up to 2.5 mm²</td>
<td>533-2 U</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>533-2 U</td>
</tr>
<tr>
<td>2-gang push button insert 10 A / 250 V –</td>
<td>534 U</td>
</tr>
<tr>
<td>Screw terminals for wires up to 2.5 mm²</td>
<td>534 U</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>534 U</td>
</tr>
<tr>
<td>2-gang multi switch insert 10 A / 250 V –</td>
<td>535 U</td>
</tr>
<tr>
<td>Screw terminals for wires up to 2.5 mm²</td>
<td>535 U</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>535 U</td>
</tr>
<tr>
<td>NO contacts rocker in neutral position</td>
<td>535 U</td>
</tr>
<tr>
<td>Only recommended for CD and LS ranges (except metal versions).</td>
<td>535 U</td>
</tr>
<tr>
<td>2-gang push switch insert 10 A / 250 V –</td>
<td>509 U</td>
</tr>
<tr>
<td>Screw terminals for wires up to 2.5 mm²</td>
<td>509 U</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>509 U</td>
</tr>
<tr>
<td>2-gang push switch insert 10 A / 250 V –</td>
<td>509 U</td>
</tr>
<tr>
<td>Screw terminals for wires up to 2.5 mm²</td>
<td>509 U</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>509 U</td>
</tr>
<tr>
<td>2-gang push button insert 10 A / 250 V –</td>
<td>534 U</td>
</tr>
<tr>
<td>Screw terminals for wires up to 2.5 mm²</td>
<td>534 U</td>
</tr>
<tr>
<td>1-pole, 2-way, 2-gang push-button with 4 NO contacts</td>
<td>534 U</td>
</tr>
<tr>
<td>No electrical/mechanical interlocking.</td>
<td>534 U</td>
</tr>
<tr>
<td>Only recommended for CD and LS ranges (except metal versions).</td>
<td>534 U</td>
</tr>
<tr>
<td>2-gang multi switch insert 10 A / 250 V –</td>
<td>539 U</td>
</tr>
<tr>
<td>Screw terminals for wires up to 2.5 mm²</td>
<td>539 U</td>
</tr>
<tr>
<td>1-pole, 2-way</td>
<td>539 U</td>
</tr>
<tr>
<td>1-gang blind switch insert</td>
<td>509 VU</td>
</tr>
<tr>
<td>Mechanical interlocking to avoid switching of both rockers at the same time.</td>
<td>509 VU</td>
</tr>
<tr>
<td>10 AX 250 V –</td>
<td>509 VU</td>
</tr>
<tr>
<td>1-pole switch (1 motor)</td>
<td>509 VU</td>
</tr>
<tr>
<td>10 A 250 V –</td>
<td>509 VU</td>
</tr>
<tr>
<td>1-pole push-button (1 motor)</td>
<td>509 VU</td>
</tr>
</tbody>
</table>
**Inserts and Accessories**

**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 mm²
- 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 mm²
- 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 mm²
- 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.

**Locking cylinder for key switches**
- suitable for IP 44
- with 3 keys different locks: 28
- equal locks: 28 G1

**Pull cord insert**
- for rockers with great lens (.. K0)
  - red: 34
  - 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.

**Pull cord insert**
- for rockers with lens (.. K06)
  - red: 34 K05
  - The pull cord insert has to be plugged into a 1-gang cover with lens to extend switches or push-buttons with a cord.

**Pull cord**
- for pull cord inserts ref.-no: 34 and 34 K05
- length: approx. 2000 mm
- with spring hook
  - red: ZS-34 K05S
### Lamps

<table>
<thead>
<tr>
<th>Description</th>
<th>Ref.-no.</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pilot light insert</strong></td>
<td>938-10 U</td>
<td>Without claws: ref.-no. with additional &quot;E&quot;, e.g.: 938-10 EU thread E10, (max. load 5 W) thread E14, (max. load 5 W)</td>
</tr>
<tr>
<td><strong>Incandescent lamp</strong></td>
<td>938-14 U</td>
<td>for pilot lights approx. 31 mm long E14, 230 V ≈ 3 W white E 14-3 W</td>
</tr>
<tr>
<td><strong>LED cluster lamp</strong></td>
<td></td>
<td>for pilot lights approx. 35 mm long E14, 230 V ≈ 1.2 W yellow E 14-230 LED GE green E 14-230 LED GN red E 14-230 LED RT white E 14-230 LED W</td>
</tr>
<tr>
<td><strong>Plug-in glow lamp</strong></td>
<td></td>
<td>for 1-gang switches and push-buttons white, 230 V – 1.1 mA 90 white, 230 V – 0.5 mA 95</td>
</tr>
<tr>
<td><strong>Plug-in glow lamp</strong></td>
<td></td>
<td>for 1-gang switches and push-buttons (3-pole) white, 400 V – 0.5 mA 98 white, 230 V – 1.1 mA 98-220</td>
</tr>
<tr>
<td><strong>Plug-in glow lamp</strong></td>
<td></td>
<td>for 2-gang switches and push-buttons white, 230 V – 0.8 mA 94 green, 230 V – 0.8 mA 94 GN red, 230 V – 0.8 mA 94 RT</td>
</tr>
</tbody>
</table>

### Wall boxes

<table>
<thead>
<tr>
<th>Description</th>
<th>Ref.-no.</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wall box</strong></td>
<td>1056-04</td>
<td>Depth: 46 mm fire resistant up to 650 °C protection level IP 2X device screw distance 60 mm break-out openings for for wires and tubes Ø 20 mm / 25 mm with 2 installation screws 15 mm</td>
</tr>
<tr>
<td><strong>Wall box for hollow walls, 1-gang</strong></td>
<td>9063-01</td>
<td>Depth: 47 mm halogen-free, colour: white</td>
</tr>
<tr>
<td></td>
<td>9063-78</td>
<td>Depth: 61 mm</td>
</tr>
<tr>
<td><strong>Wall box</strong></td>
<td>1056-04</td>
<td>Depth: 63 mm</td>
</tr>
<tr>
<td><strong>Wall box for hollow walls, 1-gang</strong></td>
<td>9064-01</td>
<td>Depth: 61 mm halogen-free, colour: white</td>
</tr>
<tr>
<td></td>
<td>9064-78</td>
<td>Depth: 61 mm</td>
</tr>
<tr>
<td><strong>Wall box</strong></td>
<td>BS 6042 M-40</td>
<td>Depth: 40 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.</td>
</tr>
<tr>
<td><strong>Wall box</strong></td>
<td>BS 6042 M-50</td>
<td>Depth: 50 mm</td>
</tr>
<tr>
<td><strong>Plaster compensation frame</strong></td>
<td>PCF 6042</td>
<td>black</td>
</tr>
<tr>
<td><strong>Screw set</strong></td>
<td></td>
<td>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</td>
</tr>
</tbody>
</table>
### 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-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**

### 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 569-1 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 569-2 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

**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

#### TV-FM socket outlet insert
- Screwless terminals
- for cable TV and SAT distribution
- Housing: torsion-resistant, passivated diecast zinc
- Terminated outlet: **EDU 04 F**
- Loop through 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
- Terminated outlet: **EDA 302 F**
- Loop through 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 white: **MMD A 4521 WW**

- for LS range with inscription field 9 x 58 mm
- Thermoplastic (breakproof) high-gloss white: **MMD LS 4521 WW**
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
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+

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
- 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+ for installation in single or multiple frames and surface caps

Smart Radio DAB+, mono set
including power supply with one loudspeaker

for AS and A ranges
with white display loudspeaker white DAB A1 WW

for LS range
with white display loudspeaker aluminium DAB AL1
with white display loudspeaker stainless steel 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 AL2
with black display loudspeaker aluminium DAB AL2
with black display loudspeaker stainless steel DAB ES2

Smart Radio DAB+, for installation in single or multiple frames and surface caps

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

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

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, mono set
including power supply
with one loudspeaker

Smart Radio DAB+ Bluetooth, stereo set
including power supply
with two loudspeakers

Smart Radio DAB+ Bluetooth, mono set
including power supply
with one loudspeaker

Smart Radio DAB+ Bluetooth, stereo set
including power supply
with two loudspeakers

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

for AS and A ranges
white DAB A BT WW

for LS range
white DAB LS BT WW

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

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

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
<table>
<thead>
<tr>
<th>Multimedia terminals</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cinch Audio (RCA) with supporting frame, screw fixing only</td>
<td>for AS and A ranges &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>VGA with supporting frame, screw fixing only</td>
<td>for LS range &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>HDMI with supporting frame, screw fixing only</td>
<td>for AS and A ranges &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>USB 2.0 with supporting frame, screw fixing only</td>
<td>for LS range &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>Cinch Audio (RCA) / Stereo Jack (TRS 3.5 mm) / HDMI with supporting frame, screw fixing only</td>
<td>for AS and A ranges &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>2 x USB 2.0 with supporting frame, screw fixing only</td>
<td>for LS range &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>HDMI / USB 2.0 with supporting frame, screw fixing only</td>
<td>for AS and A ranges &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>HDMI / VGA with supporting frame, screw fixing only</td>
<td>for LS range &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>Cinch Audio (RCA) / Stereo Jack (TRS 3.5 mm) / HDMI with supporting frame, screw fixing only</td>
<td>for AS and A ranges &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>for LS range &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
<td>MA LS 1122 WW</td>
</tr>
<tr>
<td>for LS range &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
<td>MA LS 1122 WW</td>
</tr>
<tr>
<td>for LS range &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
<td>MA LS 1122 WW</td>
</tr>
<tr>
<td>for LS range &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
<td>MA LS 1122 WW</td>
</tr>
<tr>
<td>for LS range &lt;br&gt; Thermoplastic (breakproof) high-gloss white</td>
<td>MA LS 1122 WW</td>
</tr>
</tbody>
</table>
### USB charger

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>USB charger</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>with 2 USB ports type A</td>
</tr>
<tr>
<td></td>
<td>screw fixing only, without claws</td>
</tr>
<tr>
<td>white</td>
<td>USB 3-2 WW</td>
</tr>
<tr>
<td>black</td>
<td>USB 3-2 SW</td>
</tr>
</tbody>
</table>

**Technical data:**
- Input voltage: AC 100 … 240 V ~, 50/60 Hz
- Output voltage: DC 5 V (±5 %)
- Output current:
  - at AC 120 … 240 V ~: max. 3000 mA
  - at AC 90 … 108 V ~: max. 2500 mA

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>USB charger</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>with 1 USB port type A and 1 USB port type C</td>
</tr>
<tr>
<td></td>
<td>screw fixing only, without claws</td>
</tr>
<tr>
<td>white</td>
<td>USB 15 CA WW</td>
</tr>
<tr>
<td>black</td>
<td>USB 15 CA SW</td>
</tr>
</tbody>
</table>

**Technical data:**
- Input voltage: AC 100 … 240 V ~, 50/60 Hz
- Output voltage: DC 5 V (±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
- Thermoplastic (breakproof) high-gloss white: A 1569 USB WW
  - metal versions: AL 1969 USB, 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
- Thermoplastic (breakproof) high-gloss white: LS 990 BFKL USB WW
  - metal versions: AL 2990 KL USB, ES 2990 KL USB

### Smoke alarm device and Observer

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Smoke alarm device</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Product characteristics</td>
</tr>
<tr>
<td></td>
<td>Replaceable insect screen</td>
</tr>
<tr>
<td></td>
<td>Lithium battery with protective passivation</td>
</tr>
<tr>
<td></td>
<td>12 years battery life</td>
</tr>
<tr>
<td></td>
<td>Bi-sensor processor technology (smoke + heat)</td>
</tr>
<tr>
<td></td>
<td>Real alarm with maximum precision</td>
</tr>
<tr>
<td></td>
<td>Qualified for kitchens</td>
</tr>
<tr>
<td></td>
<td>88 dB alarm signal at 3 m distance</td>
</tr>
<tr>
<td></td>
<td>Dimensions (Ø x H): 10 x 3.8 cm</td>
</tr>
<tr>
<td></td>
<td>Detection range: up to 60 m² (depending on installation location)</td>
</tr>
<tr>
<td></td>
<td>Optimum storing temperature: +10 ... +35 °C, &lt;70 % relative humidity</td>
</tr>
<tr>
<td></td>
<td>Large user-friendly test/stop button (78 cm²)</td>
</tr>
<tr>
<td></td>
<td>Magnetic mount for adhesive fixing or screw fixing</td>
</tr>
<tr>
<td></td>
<td>Complies with the increased requirements VdS Directive 14-01</td>
</tr>
<tr>
<td></td>
<td>CE according to EN 14604:2005/AC:2008</td>
</tr>
<tr>
<td></td>
<td>TÜV Nord Cert (Kriwan no. 1772-CPR-150500)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Radio smoke alarm device</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Product characteristics</td>
</tr>
<tr>
<td></td>
<td>Radio connectivity</td>
</tr>
<tr>
<td></td>
<td>Frequency: 868.3 MHz</td>
</tr>
<tr>
<td></td>
<td>Transmitting power: &lt; 0 dBm</td>
</tr>
<tr>
<td></td>
<td>Data encryption: AES256</td>
</tr>
<tr>
<td></td>
<td>Max. number of devices per group: 15</td>
</tr>
<tr>
<td></td>
<td>Community group (stair case): assignment of up to 14 groups (apartments)</td>
</tr>
<tr>
<td></td>
<td>Radio range: 400 m, ±10 % (free field)</td>
</tr>
<tr>
<td></td>
<td>Repeater function</td>
</tr>
<tr>
<td></td>
<td>10 years battery life</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Insect screen</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Set of 48 insect screens and 96 seals (Spare part) for smoke alarm devices ref.-no.: RWM 200 ...</td>
</tr>
<tr>
<td></td>
<td>RWM 200-G</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Magnet holder set</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Spare part) for smoke alarm devices ref.-no.: RWM ..</td>
</tr>
<tr>
<td></td>
<td>RWM-MTS</td>
</tr>
</tbody>
</table>

### Observer 220° with digital signal evaluation

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Observer 220° with digital signal evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PIR sensor</td>
</tr>
<tr>
<td></td>
<td>detection range: approx. 220°, approx. 16 x 20 m, with separate undercrawling protection</td>
</tr>
<tr>
<td></td>
<td>nominal range approx. 16 m at a mounting height of 2.40 m</td>
</tr>
<tr>
<td></td>
<td>3 detection levels</td>
</tr>
<tr>
<td></td>
<td>Protection level IP 55</td>
</tr>
<tr>
<td></td>
<td>AC 230 V ~, 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>W 220 WW</td>
</tr>
</tbody>
</table>
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 dBA. 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

<table>
<thead>
<tr>
<th>Component</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pull cord push-button</td>
<td>NRS AS 0834 WW</td>
</tr>
<tr>
<td>Emergency signal</td>
<td>NRS LS 0834 WW</td>
</tr>
<tr>
<td>Reset button</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Range</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS</td>
<td>NRS AS 0834-2 WW</td>
</tr>
<tr>
<td>LS</td>
<td>NRS LS 0834-2 WW</td>
</tr>
</tbody>
</table>

**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 KOSS included

  **Pull cord**
  length: approx. 2000 mm with spring hook red ZS-34 KOSS

- **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

**Optional:**
- **UPS module**
  - Screw fixing only, without claws
  - Without frame
  - For bridging power failures
  - For AS and A ranges
  - Thermoplastic (breakproof) high-gloss white
  - For LS range
  - Thermoplastic (breakproof) high-gloss white

**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
- For LS range
- Thermoplastic (breakproof) high-gloss white

**Service terminal**
- Thermoplastic (breakproof) high-gloss white
- 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
- 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
- For LS range
- Thermoplastic (breakproof) high-gloss white

---

### Call systems

**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 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

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, call reset button 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
| 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 |

| 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

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 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 white (stainless steel lacquered)
ES 2993
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 white (stainless steel lacquered)
ES 2993 KO5
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

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 mm² up to 5 x 2.5 mm² (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/cover with blue "IP 44 marking" in some cases with additional gaskets acc. to product description 551 WU
LED technology

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 KO6 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

for AS and A ranges
white: A CU KO6 TX WW
black: A CU KO6 TX SW

for LS range
white: LS CU KO6 TX WW
black: LS CU KO6 TX SW

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
white: LS CU KO6 TX-2 WW
black: LS CU KO6 TX-2 SW

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: F1, F2
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 N71WW LED W
metal versions
aluminium: AL 2539 N71LED W
stainless steel (aluminium lacquered): ES 2539 N71LED W

with RGB LEDs
white (aluminium lacquered): LS 539 N71WW RGB
metal versions
aluminium: AL 2539 N71 RGB
stainless steel (aluminium lacquered): ES 2539 N71 RGB

For individual inscriptions on LED info signs please visit our website
www.jung.de/en > Service > LED Info signs – Inscription
**LED technology**

<table>
<thead>
<tr>
<th>LED red/green pilot light</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation only with power supply</td>
<td>SV 539 LED or SV 539-948 LED.</td>
</tr>
<tr>
<td>Device with two light pads.</td>
<td></td>
</tr>
<tr>
<td>Connection of L and N for green LEDs, L’ and N for red LEDs.</td>
<td></td>
</tr>
<tr>
<td>The inscription is possible with printings on transparent foil, white (aluminium lacquered)</td>
<td>LS 539-2 WW LED RG</td>
</tr>
<tr>
<td>Metal versions</td>
<td></td>
</tr>
<tr>
<td>Aluminium</td>
<td>AL 2539-2 LED RG</td>
</tr>
<tr>
<td>Stainless Steel (aluminium lacquered)</td>
<td>ES 2539-2 LED RG</td>
</tr>
</tbody>
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<tr>
<th>LED pilot light with white and blue LEDs</th>
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<td>SV 539 LED or SV 539-948 LED.</td>
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<td>LS 539 WW LEDWB</td>
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<tr>
<td>Metal versions</td>
<td></td>
</tr>
<tr>
<td>Aluminium</td>
<td>AL 2539 LEDWB</td>
</tr>
<tr>
<td>Stainless Steel (aluminium lacquered)</td>
<td>ES 2539 LEDWB</td>
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<th>LED pilot light with RGB LEDs</th>
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<td>SV 539 LED or SV 539-948 LED.</td>
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<td>The inscription is possible with printings on transparent foil, white (aluminium lacquered)</td>
<td>LS 539 WW RGB</td>
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<tr>
<td>Metal versions</td>
<td></td>
</tr>
<tr>
<td>Aluminium</td>
<td>AL 2539 RGB</td>
</tr>
<tr>
<td>Stainless Steel (aluminium lacquered)</td>
<td>ES 2539 RGB</td>
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<tr>
<th>LED reading light with white LEDs</th>
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<tbody>
<tr>
<td>Operation only with power supply</td>
<td>SV 539 LED or SV 539-948 LED.</td>
</tr>
<tr>
<td>Connect L, L’ and N or F₁, F₂ and J of the power supply, white (aluminium lacquered)</td>
<td>LS 539 WW LED LW-12</td>
</tr>
<tr>
<td>Metal versions</td>
<td></td>
</tr>
<tr>
<td>Aluminium</td>
<td>AL 2539 LED LW-12</td>
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<tr>
<td>Stainless Steel (aluminium lacquered)</td>
<td>ES 2539 LED LW-12</td>
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**Floor pilot light**

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<tr>
<th>SCHUKO® socket 16 A / 250 V ~ with LED floor pilot light</th>
<th>Ref.-no.</th>
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<td>with integrated brightness sensor</td>
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<td>Installation into flush box min. 63 mm (depth)</td>
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<tr>
<td>with white LEDs (colour temperature 4000 K)</td>
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<tr>
<td>Power consumption stand-by / ON: 0.3 / 0.5 W</td>
<td></td>
</tr>
<tr>
<td>Supporting frame, claws and claw screws are integrated into the earth protection.</td>
<td></td>
</tr>
<tr>
<td>Thermoplastic (breakproof) high-gloss</td>
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Power supply Plug & Light

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

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

PL MAGNET 01

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 white PL S1 D05 WW
white – black white PL S1 D05 WW SW
white – 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 white PL S1 WD05 WW
white – black white PL S1 WD05 WW SW
white – 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.
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 001 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
• Pole changing of outputs for simplified commissioning
  from version 001 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 ...

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
Inductive transformers: 20 ... 210 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

Power DALI push-button controller TW
with satellite input
for covers
ref.-no.: .. 1700 ... , .. 1701 ... , .. 1702 ... , .. 1750 D ...

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
Inductive 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 and HV LED: 3 ... 50 W
Ohmic and CFL: 3 ... 50 W
## Relay switch insert 1-channel with satellite input for covers

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

**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

**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  
**Motor switching current:** 3 A  
**Capacitive load:** 580 VA (70 μF)

## Electronic switch insert 1-channel with satellite input for covers

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

**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  
- Inductive transformers: 20 ... 400 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.**

## Satellite insert 2-wire for covers

**Ref.-no.:** 1700, 17180, 17280, 17181, 17281, DWPM 17360

- 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

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

## Pulse insert

**Ref.-no.:** 1208 REG

- Manual or automatic control of the power unit

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**Satellite insert 3-wire**

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

- Extension unit operation of suitable inserts of the LB Management

**Satellite insert 3-wire**

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

- Extension unit operation of suitable inserts of the LB Management

**Satellite insert 3-wire**

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

- Extension unit operation of suitable inserts of the LB Management

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**Satellite insert 2-wire**

**Ref.-no.:** 1700

- Extension unit operation of suitable inserts of the LB Management

**Satellite insert 3-wire**

**Ref.-no.:** 1700

- Extension unit operation of suitable inserts of the LB Management

**Satellite insert 3-wire**

**Ref.-no.:** 1700

- Extension unit operation of suitable inserts of the LB Management
### Standard Centre Plate

- **LB Management inserts "blinds"**
  - Ref.-no.: 1730 JE and 1731 JE
- **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 BF WW

#### For LS Range
- **Duroplastic (scratch-proof) glossy**
  - White
    - LS 1700 WW
  - **Metal versions**
    - Aluminium
      - AL 1700
    - Stainless Steel
      - ES 1700

### Universal Centre Plate

- **LB Management inserts "blinds"**
  - Ref.-no.: 1730 JE and 1731 JE
- **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 BF WW

#### For LS Range
- **Duroplastic (scratch-proof) glossy**
  - White
    - LS 1701 WW
  - **Metal versions**
    - Aluminium
      - AL 1701
    - Stainless Steel
      - ES 1701

### Universal Centre Plate "Arrows"

- **LB Management inserts "blinds"**
  - Ref.-no.: 1730 JE and 1731 JE
- **LB Management inserts "light"**
  - Ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE
  - 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
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

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
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

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

for AS range
IP 44 suitable only for indoor installation
Thermoplastic (breakproof) high-gloss
white
A 17180 WU WW

for LS range
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

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
A 17280 WW

for LS range
Thermoplastic (breakproof) high-gloss
white
LS 17280 WW
metal versions (lacquered)
aluminium
AL 17280
stainless steel
ES 17280

Sealing kit for automatic switches 2.2 m of the AS / A ranges
AS A 50 DS

Sealing kit for automatic switches 2.2 m of the CD and LS ranges
AS CD 50 DS
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 A 17181 WU WW

for LS range
Thermoplastic (breakproof) high-gloss
white LS 17181 WU WW
metal versions (lacquered)
aluminium AL 17181
stainless steel ES 17181

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 A 17281 WW

for LS range
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 AS / A ranges
AS A 50 DS

Sealing kit
for automatic switches 2.2 m of the CD and LS ranges
AS CD 50 DS
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
• 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

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
Inductive transformers: 20 ... 210 VA
Inductive transformers with HV 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
Inductive transformers: 20 ... 420 VA
Inductive transformers with HV 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 HV 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 dimmer 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
with switch function
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
**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 DPDE**

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

**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
- Inductive transformers: 20 ... 210 VA
- Dimmable HV LED lamps: 3 ... 50 VA
- 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
- 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, 1712 DE, 1724 DM, 1724 DEB, 1730 DD, 1731 DD, 211 GDE, 225 TDE, 254 UDE1, 3801 REGHE, 3902 REGHE, 3904 REGHE, 824 TDE, 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
- Power loss: max. 2 W
- Dimensions: 43 x 11.5 x 28.5 mm (W x H x D)

**Universal dimmer LED**

Rail mounting device, 2 rail units

**UD 1755 REG**

- 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
- Inductive transformers: 20 ... 420 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 ... 210 W
- Capacitive-inductive: not permitted
- Ohmic-inductive: 20 ... 210 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
- 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 ... 210 W
- Capacitive-inductive: not permitted
- Ohmic-inductive: 20 ... 210 VA
- Ohmic and HV LED: 3 ... 100 W
- Ohmic and CFL: 3 ... 100 W
### AS range

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Description</th>
<th>Color</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang rocker with lens</td>
<td>for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 506-20 KOU</td>
<td>white</td>
<td>Duroplastic (scratch-proof) glossy – antibacterial</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;bell&quot;</td>
<td>for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U</td>
<td>white</td>
<td>Duroplastic (scratch-proof) glossy – antibacterial</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;door&quot;</td>
<td>for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U</td>
<td>white</td>
<td>Duroplastic (scratch-proof) glossy – antibacterial</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;light&quot;, with lens</td>
<td>for push insert ref.-no.: 502 TU, 506 TU, 507 TU</td>
<td>white</td>
<td>Duroplastic (scratch-proof) glossy – antibacterial</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;bell&quot;, with lens</td>
<td>for push insert ref.-no.: 502 TU, 506 TU, 507 TU</td>
<td>white</td>
<td>Duroplastic (scratch-proof) glossy – antibacterial</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;door&quot;, with lens</td>
<td>for push insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U</td>
<td>white</td>
<td>Duroplastic (scratch-proof) glossy – antibacterial</td>
</tr>
<tr>
<td>1-gang rocker</td>
<td>for push switch insert ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 506-20 KOU</td>
<td>white</td>
<td>Duroplastic (scratch-proof) glossy – antibacterial</td>
</tr>
</tbody>
</table>

### AS range

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Description</th>
<th>Color</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>Frame</td>
<td>black</td>
<td>Duroplastic (scratch-proof) glossy</td>
</tr>
</tbody>
</table>

### Frame

<table>
<thead>
<tr>
<th>Holder plate</th>
<th>for frame fixing and 1-gang rocker bearing</th>
<th>Spare part</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang</td>
<td>black</td>
<td>AS 90 HP</td>
</tr>
</tbody>
</table>

### Barrier-free living

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Description</th>
<th>Color</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>Frame</td>
<td>black</td>
<td>Duroplastic (scratch-proof) glossy</td>
</tr>
</tbody>
</table>

### Frame, 1-gang

| Frame | 1-gang | black | AS 90 HP |

### 1-gang rocker with glass plate

<table>
<thead>
<tr>
<th>1-gang rocker with glass plate</th>
<th>with rocker and lens</th>
<th>for all 1-gang switch/push-button inserts (except push switch insert)</th>
<th>(to be used only with frame AS 581.. – AS 585..)</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>Thermoplastic (breakproof) high-gloss</td>
<td>red</td>
<td>similar RAL 3000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>blue</td>
<td>similar RAL 5015</td>
</tr>
<tr>
<td></td>
<td></td>
<td>yellow</td>
<td>similar RAL 1004</td>
</tr>
</tbody>
</table>

### Frame, 1-gang

<table>
<thead>
<tr>
<th>Frame</th>
<th>1-gang</th>
<th>80.5 x 80.5 mm</th>
<th>Thermoplastic (breakproof) high-gloss</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>111</td>
<td>AS 90 HP</td>
<td>AS 981 GL RT</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>AS 981 GL BL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>AS 981 GL GE</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Frame</th>
<th>1-gang</th>
<th>80.5 x 80.5 mm</th>
<th>Thermoplastic (breakproof) high-gloss</th>
</tr>
</thead>
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<td>111</td>
<td>111</td>
<td>AS 90 HP</td>
<td>AS 981 GL RT</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>AS 981 GL BL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>AS 981 GL GE</td>
</tr>
</tbody>
</table>
# AS range

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>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</td>
<td>AS 591-5 BF WW</td>
</tr>
<tr>
<td></td>
<td>Duroplastic (scratch-proof) glossy – antibacterial white</td>
</tr>
<tr>
<td>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.: 539 VU Thermoplastic (breakproof) high-gloss white</td>
<td>AS 591-5 PBF WW</td>
</tr>
<tr>
<td></td>
<td>Duroplastic (scratch-proof) glossy – antibacterial white</td>
</tr>
<tr>
<td>Holder plate for frame fixing and 2-gang rocker bearing (Spare part) black</td>
<td>AS 90-5 HP</td>
</tr>
<tr>
<td>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</td>
<td>AS 528 PL WW</td>
</tr>
<tr>
<td>Centre plate for key switch inserts ref.-no.: 104.15, 134.15, 133.15, 106.15 Thermoplastic (breakproof) high-gloss white</td>
<td>A 528 PL WW</td>
</tr>
<tr>
<td>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</td>
<td>A 1541 WW</td>
</tr>
<tr>
<td>Pull cord switch 10 AX / 250 V – for wall and ceiling installation Screw terminals for wires up to 2.5 mm² with 50 mm pull cord Thermoplastic (breakproof) high-gloss white</td>
<td>A 506 BF NUZ WW</td>
</tr>
<tr>
<td>SCHUKO® socket 16 A / 250 V – Without claws: ref.-no. with additional &quot;N&quot;, 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</td>
<td>A 1520 BF WW blue</td>
</tr>
<tr>
<td>AS range</td>
<td>Ref.-no.</td>
</tr>
<tr>
<td>-----------</td>
<td>---------</td>
</tr>
<tr>
<td>SCHUKO® socket 16 A / 250 V – with child protection (shutter)</td>
<td>A 1520 BFNAKO WW</td>
</tr>
<tr>
<td>with inscription field 6 x 46 mm</td>
<td></td>
</tr>
<tr>
<td>Without claws: ref.-no. with additional &quot;N&quot;, e.g.:...1520 N.</td>
<td></td>
</tr>
<tr>
<td>With screw terminals: ref.-no. ...1521...</td>
<td></td>
</tr>
<tr>
<td>Supporting frame, claws and claw screws are integrated into the earth protection.</td>
<td></td>
</tr>
<tr>
<td>Thermoplastic (breakproof) high-gloss</td>
<td></td>
</tr>
<tr>
<td>white</td>
<td>A 1520 BFNAKO WW</td>
</tr>
<tr>
<td>green</td>
<td>A 1520 BFNAKO GN</td>
</tr>
<tr>
<td>orange</td>
<td>A 1520 BFNAKO O</td>
</tr>
<tr>
<td>red</td>
<td>A 1520 BFNAKO RT</td>
</tr>
<tr>
<td>SCHUKO® socket 45°, 16 A / 250 V – with child protection (shutter)</td>
<td>A 520-45 KI WW</td>
</tr>
<tr>
<td>especially suitable for vertical combination of several outlets</td>
<td></td>
</tr>
<tr>
<td>Without claws: ref.-no. with additional &quot;N&quot;, e.g.:...520-45 N.</td>
<td></td>
</tr>
<tr>
<td>with child protection (shutter)</td>
<td></td>
</tr>
<tr>
<td>Duroplastic (scratch-proof) glossy – antibacterial</td>
<td>A 520-45 KI WW</td>
</tr>
<tr>
<td>Thermoplastic (breakproof) high-gloss</td>
<td></td>
</tr>
<tr>
<td>with child protection (shutter)</td>
<td></td>
</tr>
<tr>
<td>with white LEDs (colour temperature 4000 K)</td>
<td></td>
</tr>
<tr>
<td>Power consumption stand-by / ON: 0.3 / 0.5 W</td>
<td></td>
</tr>
<tr>
<td>Installation into flush box min. 63 mm (depth)</td>
<td></td>
</tr>
<tr>
<td>with integrated brightness sensor</td>
<td></td>
</tr>
<tr>
<td>The floor pilot light can be switched via an external switch.</td>
<td></td>
</tr>
<tr>
<td>Power consumption (ON): 0.5 W</td>
<td></td>
</tr>
<tr>
<td>SCHUKO® socket 16 A / 250 V – with pilot light (green LED) ref.-no.: 193-LED GN</td>
<td>A 1520 BFKINA WW</td>
</tr>
<tr>
<td>with child protection (shutter)</td>
<td></td>
</tr>
<tr>
<td>Without claws: ref.-no. with additional &quot;N&quot;, e.g.:...1520 N.</td>
<td></td>
</tr>
<tr>
<td>Supporting frame, claws and claw screws are integrated into the earth protection.</td>
<td></td>
</tr>
<tr>
<td>Thermoplastic (breakproof) high-gloss</td>
<td></td>
</tr>
<tr>
<td>white</td>
<td>A 1520 BFKINA WW</td>
</tr>
<tr>
<td>green</td>
<td>A 1520 BFKINA GN</td>
</tr>
<tr>
<td>orange</td>
<td>A 1520 BFKINA O</td>
</tr>
<tr>
<td>red</td>
<td>A 1520 BFKINA RT</td>
</tr>
<tr>
<td>SCHUKO® socket 16 A / 250 V – with pilot light (green LED) ref.-no.: 193-LED GN</td>
<td>A 1520 BFKINA WW</td>
</tr>
<tr>
<td>with child protection (shutter)</td>
<td></td>
</tr>
<tr>
<td>with inscription field 6 x 46 mm</td>
<td></td>
</tr>
<tr>
<td>Without claws: ref.-no. with additional &quot;N&quot;, e.g.:...1520 N.</td>
<td></td>
</tr>
<tr>
<td>Supporting frame, claws and claw screws are integrated into the earth protection.</td>
<td></td>
</tr>
<tr>
<td>Thermoplastic (breakproof) high-gloss</td>
<td></td>
</tr>
<tr>
<td>white</td>
<td>A 1520 BFKINA WW</td>
</tr>
<tr>
<td>green</td>
<td>A 1520 BFKINA GN</td>
</tr>
<tr>
<td>orange</td>
<td>A 1520 BFKINA O</td>
</tr>
<tr>
<td>red</td>
<td>A 1520 BFKINA RT</td>
</tr>
<tr>
<td>SCHUKO® socket 16 A / 250 V – with pilot light (green LED) ref.-no.: 193-LED GN</td>
<td>A 1520 BFKINA WW</td>
</tr>
<tr>
<td>with child protection (shutter)</td>
<td></td>
</tr>
<tr>
<td>with inscription field 6 x 46 mm</td>
<td></td>
</tr>
<tr>
<td>Without claws: ref.-no. with additional &quot;N&quot;, e.g.:...1520 N.</td>
<td></td>
</tr>
<tr>
<td>Supporting frame, claws and claw screws are integrated into the earth protection.</td>
<td></td>
</tr>
<tr>
<td>Thermoplastic (breakproof) high-gloss</td>
<td></td>
</tr>
<tr>
<td>white</td>
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<tr>
<td>green</td>
<td>A 1520 BFKINA GN</td>
</tr>
<tr>
<td>orange</td>
<td>A 1520 BFKINA O</td>
</tr>
<tr>
<td>red</td>
<td>A 1520 BFKINA RT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AS range</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCHUKO® socket 16 A / 250 V – with child protection (shutter)</td>
<td>A 1520 BFNAKO WW</td>
</tr>
<tr>
<td>with surge voltage protection</td>
<td>A 521 KIUF WW</td>
</tr>
<tr>
<td>with child protection (shutter)</td>
<td></td>
</tr>
<tr>
<td>Screw terminals for wires up to 2.5 mm²</td>
<td></td>
</tr>
<tr>
<td>Without claws: ref.-no. with additional &quot;N&quot;, e.g.:...521 N.</td>
<td></td>
</tr>
<tr>
<td>Duroplastic (scratch-proof) glossy</td>
<td></td>
</tr>
<tr>
<td>white</td>
<td>A 521 KIUF WW</td>
</tr>
</tbody>
</table>

| SCHUKO® socket with RCD (residual current device) 16 A / 250 V – according to DIN EN 61085-1 (VDE 0664-10) and DIN EN 61085-2-1 (VDE 0664-11) | A 5520.30 WW |
| 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 |

| LED floor pilot light with integrated brightness sensor | A 1539-0 WW LNW |
| with child protection (shutter) | |
| 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 1539-0 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) | A 1539-O WW LNW |
| Without claws: ref.-no. with additional "N", e.g.:...1539 N. | |
| Thermoplastic (breakproof) high-gloss | |
| white | A 1539-O WW LNW |

| SCHUKO® socket 16 A / 250 V – with hinged lid (with spring) | A 1539-O WW LNW |
| With screw terminals: ref.-no. ...1521... | |
| 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 break- and shockproof cover plate 100 x 100 mm and additional metal ring for dowel fixing with child protection (shutter) | A 1539-O WW LNW |
| Without claws: ref.-no. with additional "N", e.g.:...1520 N. | |
| Thermoplastic (breakproof) high-gloss | |
| white | A 1539-O WW LNW |

| SCHUKO® socket 16 A / 250 V – with hinged lid (with spring) | A 1539-O WW LNW |
| With screw terminals: ref.-no. ...1521... | |
| Supporting frame, claws and claw screws are integrated into the earth protection. | |
| Thermoplastic (breakproof) high-gloss | |
| white | A 1539-O WW LNW |
**AS range**

**SCHUKO® socket 16 A / 250 V** – with hinged lid (with spring)

- Screw terminals for wires up to 2.5 mm²
- Supporting frame, claws and claw screws are integrated into the earth protection.

**Duroplastic (scratch-proof) glossy**
- White
- Green
- Orange
- Red

**Thermoplastic (break-proof) high-gloss**
- White
- Green
- Orange
- Red

**Ref.-no.:**

- AS 1520 BFKL WW
- AS 1521 BFKL WW
- AS 1520 BFKLSL WW
- AS 1521 BFKLSL WW

**SCHUKO® socket 16 A / 250 V** – with hinged lid (with spring)

- With supporting frame, screw fixing only
- Not suitable for installation in surface caps
- To be installed into 68 mm flush box

**SEV 1011-1998/IEC 884-1**

**AS range**

**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
  - 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 (break-proof) high-gloss**
- White
- Green
- Orange
- Red

**Ref.-no.:**

- 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 mm²**

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

**Duroplastic (scratch-proof) glossy**
- White
- Green
- Orange
- Red

**Ref.-no.:**

- A 1520 F EINS
- A 1521 F EINS

**Socket for Switzerland**

- 1-gang socket type 13
- 10 A 250 V –, L+N+PE

**1011-1998/IEC 884-1**

- Screwless terminals for wires up to 2.5 mm² 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 (break-proof) high-gloss**
- White
- Orange
- Red

**Ref.-no.:**

- A 1520-13 BF SEV WW

**Chinese socket combination 10 A / 250 V** –

- Consisting of:
  - 2-pole without earth for flat and rounded pins
  - 2-pole with earth only for flat pins with child protection (shutter)

**Screwless terminals for wires up to 4 mm²**

- Screw fixing only, without claws
- Supporting frame is integrated into the earth protection.

**Thermoplastic (break-proof) high-gloss**
- White
- Green
- Orange
- Red

**Ref.-no.:**

- A 3521-5 CN BF WW

**Socket, 2-pole without earth 16 A / 250 V** –

- Screw terminals for wires up to 2.5 mm²

**Duroplastic (scratch-proof) glossy**
- White
- Orange
- Red

**Ref.-no.:**

- A 511 N WW

**Socket, 2-pole without earth 16 A / 250 V** –

- With child protection (shutter)

**Screwless terminals for wires up to 2.5 mm²**

**Duroplastic (scratch-proof) glossy**
- White
- Orange
- Red

**Ref.-no.:**

- A 511 NKI WW

---

**Key**

- 1 piece 802 SL
- When ordering please indicate lock number
<table>
<thead>
<tr>
<th>AS range</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Socket insert British Standard 1363</strong>&lt;br&gt;13 A 250 V ~&lt;br&gt;2-pole + earth, with child protection (shutter)&lt;br&gt;Screw terminals for wires up to 4 mm² without switch</td>
<td>3521 EINS</td>
</tr>
<tr>
<td><strong>Centre plate</strong>&lt;br&gt;for socket insert ref.-no. 3521 EINS&lt;br&gt;Duroplastic (scratch-proof) glossy white</td>
<td>A 3521 WW PL</td>
</tr>
<tr>
<td><strong>Switched socket insert British Standard 1363</strong>&lt;br&gt;13 A 250 V ~&lt;br&gt;2-pole + earth, with child protection (shutter)&lt;br&gt;Screw terminals for wires up to 4 mm² without indicator light</td>
<td>3171 EINS</td>
</tr>
<tr>
<td><strong>Centre plate</strong>&lt;br&gt;for socket insert ref.-no. 3171 EINS&lt;br&gt;Thermoplastic (breakproof) high-gloss white</td>
<td>A 3171 BF WW PL</td>
</tr>
<tr>
<td><strong>Socket insert British Standard 546</strong>&lt;br&gt;5 A 250 V ~&lt;br&gt;2-pole + earth, with child protection (shutter)&lt;br&gt;Screw terminals for wires up to 4 mm² without switch</td>
<td>3171-5 EINS</td>
</tr>
<tr>
<td><strong>Centre plate</strong>&lt;br&gt;for socket insert ref.-no. 3171-5 EINS&lt;br&gt;Duroplastic (scratch-proof) glossy white</td>
<td>A 3171-5 WW PL</td>
</tr>
<tr>
<td><strong>Socket insert for India</strong>&lt;br&gt;16 A 250 V ~&lt;br&gt;2-pole + earth, with child protection (shutter)&lt;br&gt;Screw terminals for wires up to 4 mm² without switch</td>
<td>521 IN-EINS</td>
</tr>
<tr>
<td><strong>Centre plate</strong>&lt;br&gt;for socket insert for India, ref.-no. 521 IN-EINS&lt;br&gt;Duroplastic (scratch-proof) glossy white</td>
<td>A 521 IN WW PL</td>
</tr>
<tr>
<td><strong>SCHUKO® socket for cable ducts 16 A / 250 V ~ wired</strong>&lt;br&gt;with 1 inscription field 12 x 55.5 mm&lt;br&gt;Screwless terminals for wires up to 2.5 mm²&lt;br&gt;Cover with integrated frame&lt;br&gt;Supporting frame is integrated into the earth protection.&lt;br&gt;dimensions: 80.5 x 151.5 mm&lt;br&gt;2-gang&lt;br&gt;Duroplastic (scratch-proof) glossy white</td>
<td>AS 1522 NA WW</td>
</tr>
<tr>
<td><strong>Centre plate with knob</strong>&lt;br&gt;for rotary dimmer inserts ref.-no.: 1730 DD, 1731 DD, 211 GDE&lt;br&gt;for satellite dimmer insert ref.-no.: 1733 DNE&lt;br&gt;for electronic potentiometer 1–10 V ref.-no.: 240-10, 240-31&lt;br&gt;for DALI potentiometer insert ref.-no.: 240 DPE, 240 PDPE, 240 PDPE TW&lt;br&gt;Duroplastic (scratch-proof) glossy white</td>
<td>A 1540 WW</td>
</tr>
<tr>
<td><strong>Sealing gasket</strong>&lt;br&gt;for covers for rotary dimmer/speed regulator inserts ref.-no.: 140 D</td>
<td>140 D</td>
</tr>
<tr>
<td><strong>Rotary dimmer LED with rotary on/off</strong>&lt;br&gt;with cover and integrated frame&lt;br&gt;without satellite input&lt;br&gt;Duroplastic (scratch-proof) glossy white</td>
<td>AS 5544.03 V WW</td>
</tr>
</tbody>
</table>

| SCHUKO® socket for cable ducts 16 A / 250 V ~ wired<br>with 1 inscription field 12 x 55.5 mm<br>Screwless terminals for wires up to 2.5 mm²<br>Cover with integrated frame<br>Supporting frame is integrated into the earth protection.<br>dimensions: 80.5 x 151.5 mm<br>3-gang<br>Duroplastic (scratch-proof) glossy white | AS 523 WW |
| **Centre plate with knob**<br>for speed regulator insert ref.-no. 245.20<br>Duroplastic (scratch-proof) glossy white | A 1540.20 WW |

**SCHUKO® socket for cable ducts 16 A / 250 V ~**<br>Cover with integrated frame<br>for installation into cable duct boxes<br>dimensions: 80.5 x 151.5 mm<br>3-gang<br>Duroplastic (scratch-proof) glossy white | AS 523 BF WW |

**Centre plate with knob**<br>for speed regulator insert ref.-no. 245.20<br>Duroplastic (scratch-proof) glossy white | AS 523 BF WW |

**Sealing gasket**<br>for covers for rotary dimmer/speed regulator inserts ref.-no.: 140 D | 140 D |

**Rotary dimmer LED with rotary on/off**<br>with cover and integrated frame<br>without satellite input<br>Duroplastic (scratch-proof) glossy white | AS 5544.03 V WW |

**Rated voltage**: AC 230 V ~, 50 Hz<br>**Incandescent lamps**: 20 ... 200 W<br>**HV halogen lamps**: 20 ... 200 W<br>**HV LED lamps, dimmable with leading edge phase control**: 3 ... 40 W
### AS range

<table>
<thead>
<tr>
<th>Standard centre plate for LB Management inserts &quot;blinds&quot;</th>
<th>Ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duroplastic (scratch-proof) glossy</td>
<td>AS 1700 WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard centre plate <em>arrows</em> for LB Management inserts &quot;blinds&quot;</th>
<th>Ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duroplastic (scratch-proof) glossy</td>
<td>AS 1701 WW</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Universal centre plate for LB Management inserts &quot;blinds&quot;</th>
<th>Ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duroplastic (scratch-proof) glossy</td>
<td>AS 1700 P WW</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Universal centre plate <em>arrows</em> for LB Management inserts &quot;blinds&quot;</th>
<th>Ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duroplastic (scratch-proof) glossy</td>
<td>AS 1701 P WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard centre plate 2-gang for LB Management inserts &quot;light&quot;</th>
<th>Ref.-no.: 1702 SE, 1712 DE, 1713 DSTE, 1723 NE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duroplastic (scratch-proof) glossy</td>
<td>AS 1702 WW</td>
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</table>

<table>
<thead>
<tr>
<th>Standard timer with display for LB Management inserts &quot;blinds&quot;</th>
<th>Ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duroplastic (scratch-proof) glossy</td>
<td>AS 1702 WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Universal timer Bluetooth for LB Management inserts &quot;blinds&quot;</th>
<th>Ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duroplastic (scratch-proof) glossy</td>
<td>AS 1751 D WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Universal timer Bluetooth <em>arrows</em> for LB Management inserts &quot;blinds&quot;</th>
<th>Ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot;</th>
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</thead>
<tbody>
<tr>
<td>Duroplastic (scratch-proof) glossy</td>
<td>AS 1751 PBT WW</td>
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### AS range

<table>
<thead>
<tr>
<th>Standard automatic switch 1.1 m for LB Management inserts &quot;light&quot;</th>
<th>Ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>A 17180 WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard automatic switch 1.1 m for LB Management inserts &quot;light&quot;</th>
<th>Ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE</th>
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<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>A 17180 WW</td>
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<tr>
<th>Universal automatic switch 1.1 m for LB Management inserts &quot;light&quot;</th>
<th>Ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>A 17181 WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Universal automatic switch 1.1 m for LB Management inserts &quot;light&quot;</th>
<th>Ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>A 17181 WW</td>
</tr>
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<tr>
<th>Universal automatic switch 1.1 m for LB Management inserts &quot;light&quot;</th>
<th>Ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>A 17280 WW</td>
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</table>

<table>
<thead>
<tr>
<th>Universal automatic switch 1.1 m for LB Management inserts &quot;light&quot;</th>
<th>Ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>A 17181 WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Universal automatic switch 2.2 m for LB Management inserts &quot;light&quot;</th>
<th>Ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>A 17181 WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Universal automatic switch 2.2 m for LB Management inserts &quot;light&quot;</th>
<th>Ref.-no.: 1701 SE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1713 DSTE, 1723 NE, 1708 IE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>A 17281 WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sealing kit for automatic switches 2.2 m of the AS / A ranges</th>
<th>Ref.-no.: AS A 50 DS</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Room thermostat (1-way contact)</th>
<th>Ref.-no.: AS A 50 DS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-pole NC contact 10 (4) A, AC 230 V ~, 50/60 Hz</td>
<td>TR A 231 WW</td>
</tr>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>TR A 231 WW</td>
</tr>
</tbody>
</table>

### AS range

<table>
<thead>
<tr>
<th>Room thermostat (2-way contact)</th>
<th>Ref.-no.: TR A 236 WW</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-pole, 2-way, heating 10 (4) A, AC 230 V ~, 50/60 Hz</td>
<td>TR A 231 WW</td>
</tr>
<tr>
<td>1-pole, 2-way, cooling 5 (2) A, AC 230 V ~, 50/60 Hz</td>
<td>TR A 236 WW</td>
</tr>
<tr>
<td>For switching between heating/cooling the EBERLE terminal strip EV..H/K is necessary.</td>
<td>Thermo...</td>
</tr>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>TR A 236 WW</td>
</tr>
<tr>
<td>AS range</td>
<td>Ref.-no.</td>
</tr>
<tr>
<td>----------</td>
<td>---------</td>
</tr>
</tbody>
</table>

### USB charger

With 2 USB ports type A  
Screw fixing only, without claws  
- White: USB 3-2 WW  
- Black: USB 3-2 SW

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. .. 569 T ..
  - 50 x 50: ref.-no. 1569 T WW, 1569 T SW

### Centre plate

For TV-FM sockets ref.-no.: EDU 04 F, GEDU 10, GEDU 15  
Thermoplastic (breakproof) high-gloss  
- White: A 561 BFPPLT TV WW

For SAT-TV-FM socket outlet inserts ref.-no.: EDA 302 F, GDA 313 F  
Thermoplastic (breakproof) high-gloss  
- White: A 561 BFPPLSAT 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  

### Centre plate

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 569-2 NWE WW

### Cable outlet

With supporting frame, screw fixing only  
For cables 3 x 1.5 mm² up to 5 x 2.5 mm² (Ø 7 up to 13 mm)  
Duroplastic (scratch-proof) glossy  
- White: AS 590 A WW

### Centre plate

For 1-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

With supporting frame, screw fixing only 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 BFPLTV WW

### centre plate

For stereo loudspeaker socket  
For SAT-TV-FM socket outlet inserts  
Thermoplastic (breakproof) high-gloss  
- White: A 569-1 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 mm²  
Duroplastic (scratch-proof) glossy  
- White: A 565-2 WW

### Right angle plug

For potential equalisation socket  
Screw terminal for wires with 4 or 6 mm²  
- 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 557 BFPLW 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
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

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 AS 581 BF WW
2-gang AS 582 BF WW
3-gang AS 583 BF WW
4-gang AS 584 BF WW
5-gang AS 585 BF WW

Green
1-gang AS 581 BF GN
2-gang AS 582 BF GN
3-gang AS 583 BF GN
4-gang AS 584 BF GN
5-gang AS 585 BF GN

Orange
1-gang AS 581 BF O
2-gang AS 582 BF O
3-gang AS 583 BF O
4-gang AS 584 BF O
5-gang AS 585 BF O

Red
1-gang AS 581 BF RT
2-gang AS 582 BF RT
3-gang AS 583 BF RT
4-gang AS 584 BF RT
5-gang AS 585 BF RT

Duroplastic (scratch-proof) glossy – antibacterial
White
1-gang ABAS 581 N WW
2-gang ABAS 582 N WW
3-gang ABAS 583 N WW

With inscription field 12 x 55.5 mm
1-gang ABAS 581 NNA WW

With inscription field 12 x 55.5 mm and 13 x 55.5 mm
For vertical installation
2-gang ABAS 582 NNA WW
# AS range

<table>
<thead>
<tr>
<th>Frame</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang 80.5 x 80.5 x 10 mm</td>
<td>AS 581 BF INA WW</td>
</tr>
<tr>
<td>2-gang 80.5 x 151.5 x 10 mm</td>
<td>AS 582 BF INA WW</td>
</tr>
<tr>
<td>3-gang 80.5 x 222.5 x 10 mm</td>
<td>AS 583 BF INA WW</td>
</tr>
<tr>
<td>4-gang 80.5 x 293.5 x 10 mm</td>
<td>AS 584 BF INA WW</td>
</tr>
<tr>
<td>5-gang 80.5 x 364.5 x 10 mm</td>
<td>AS 585 BF INA WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>with window (moisture-proof) 55.6 x 9.2 mm including inscription module ref.-no.: AS 81 INA BT</td>
<td>AS 81 INA BT</td>
</tr>
<tr>
<td>also suitable for inscription module ref.-no.: AS 81-1 INA BT</td>
<td></td>
</tr>
<tr>
<td>When the frame is removed, the inscription module remains latched onto the supporting frame.</td>
<td></td>
</tr>
<tr>
<td>Thermoplastic (breakproof) high-gloss white, 1-gang</td>
<td>AS 581 BF INA WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for vertical installation</td>
<td></td>
</tr>
<tr>
<td>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</td>
<td>AS 82 INA BT</td>
</tr>
<tr>
<td>also suitable for inscription module ref.-no.: AS 81-1 INA BT and AS 82-1 INA BT</td>
<td></td>
</tr>
<tr>
<td>When the frame is removed, the inscription module remains latched onto the supporting frame.</td>
<td></td>
</tr>
<tr>
<td>white 2-gang</td>
<td>AS 582 BF INA WW</td>
</tr>
<tr>
<td>3-gang</td>
<td>AS 583 BF INA WW</td>
</tr>
<tr>
<td>4-gang</td>
<td>AS 584 BF INA WW</td>
</tr>
<tr>
<td>5-gang</td>
<td>AS 585 BF INA WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for horizontal installation</td>
<td></td>
</tr>
<tr>
<td>with window (moisture-proof) 55.6 x 9.2 mm including inscription module ref.-no.: AS 81 INA BT</td>
<td>AS 81 INA BT</td>
</tr>
<tr>
<td>also suitable for inscription module ref.-no.: AS 81-1 INA BT</td>
<td></td>
</tr>
<tr>
<td>When the frame is removed, the inscription module remains latched onto the supporting frame.</td>
<td></td>
</tr>
<tr>
<td>white 2-gang</td>
<td>AS 5820 BF INA WW</td>
</tr>
<tr>
<td>3-gang</td>
<td>AS 5830 BF INA WW</td>
</tr>
<tr>
<td>4-gang</td>
<td>AS 5840 BF INA WW</td>
</tr>
<tr>
<td>5-gang</td>
<td>AS 5850 BF INA WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Strain relief</th>
<th>Ref.-no.</th>
</tr>
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<tbody>
<tr>
<td>for surface caps</td>
<td>58 A ZUG</td>
</tr>
<tr>
<td>for cables 3 x 1.5 mm² up to 5 x 2.5 mm² (Ø 7 up to 13 mm)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inlets for cables, pipes and trunkings in surface caps</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for cable and mini trunking</td>
<td>11 WW</td>
</tr>
<tr>
<td>white</td>
<td></td>
</tr>
<tr>
<td>for trunking 15 x 15 mm</td>
<td>12 WW</td>
</tr>
<tr>
<td>white</td>
<td></td>
</tr>
<tr>
<td>for pipes with outside Ø 16 mm</td>
<td>13 WW</td>
</tr>
<tr>
<td>white</td>
<td></td>
</tr>
<tr>
<td>Ref.-no.</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>1-gang rocker with lens</td>
<td>for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 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 Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;light&quot;</td>
<td>for switch insert with symbol &quot;light&quot;, with lens for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 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 Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;bell&quot;</td>
<td>for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;door&quot;</td>
<td>for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;door&quot;, with lens</td>
<td>for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>Barrier-free living</td>
<td>1-gang rocker with tactile symbol &quot;light&quot;, with lens for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 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</td>
</tr>
<tr>
<td>1-gang rocker with tactile symbol &quot;bell&quot;, with lens</td>
<td>for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U Duroplastic (scratch-proof) glossy white</td>
</tr>
<tr>
<td>1-gang rocker with tactile symbol &quot;door&quot;, with lens</td>
<td>for push-button insert ref.-no.: 531 U, 533 U, 533-2 U, 534 U Duroplastic (scratch-proof) glossy white</td>
</tr>
<tr>
<td>For improved visibility use frame in contrasting black colour.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame A 550</td>
<td>black Thermoplastic (breakproof) high-gloss 1-gang</td>
</tr>
<tr>
<td>Frame A flow</td>
<td>black Thermoplastic (breakproof) high-gloss 1-gang</td>
</tr>
<tr>
<td>Holder plate</td>
<td>for frame fixing and 1-gang rocker bearing (Spare part) black</td>
</tr>
<tr>
<td>Pull cord switch 10 AX / 250 V ~ for wall and ceiling installation Screw terminals for wires up to 2.5 mm² with 50 mm pull cord Thermoplastic (breakproof) high-gloss white</td>
<td>A 506 BF NUZ WW</td>
</tr>
<tr>
<td>2-gang rocker</td>
<td>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</td>
</tr>
<tr>
<td>2-gang rocker with lens</td>
<td>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</td>
</tr>
<tr>
<td>2-gang rocker with arrow symbols</td>
<td>for blind switch insert ref.-no.: 509 VU for blind push-button insert ref.-no.: 539 VU Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>Holder plate</td>
<td>for frame fixing and 2-gang rocker bearing (Spare part) black</td>
</tr>
</tbody>
</table>
### A range

<table>
<thead>
<tr>
<th>3-gang rocker for 3-gang switch insert ref.-no.: 5301 EU, 5306 EU</th>
<th>Thermoplastic (breakproof) high-gloss white</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holder plate for frame fixing and 3-gang rocker bearing (Spare part) black</td>
<td>A 93 HP</td>
</tr>
<tr>
<td>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</td>
<td>A 528 PL WW</td>
</tr>
<tr>
<td>Centre plate for key switch inserts ref.-no.: 104.15, 134.15, 133.15, 106.15 Thermoplastic (breakproof) high-gloss white</td>
<td>A 525 PL WW</td>
</tr>
<tr>
<td>Centre plate with knob for rotary switch insert ref.-no.: 1101-4, 1101-20 for timer switch insert ref.-no.: 1234.10, 1234.20 Thermoplastic (breakproof) high-gloss white</td>
<td>A 1541 BF WW</td>
</tr>
<tr>
<td>SCHUKO® socket 16 A / 250 V – With screw terminals: ref.-no. 1521.. Thermoplastic (breakproof) high-gloss white</td>
<td>A 1520 BF WW</td>
</tr>
<tr>
<td>SCHUKO® socket 16 A / 250 V – with child protection (shutter) Without claws: ref.-no. with additional &quot;N&quot;, e.g.: 1520 N.. With screw terminals: ref.-no. 1521.. Thermoplastic (breakproof) high-gloss white</td>
<td>A 1520 BFNA WW</td>
</tr>
<tr>
<td>Transparent cover with paper inlay for inscription field 6 x 46 mm (Spare part) paper inlay white</td>
<td>A 20 NA</td>
</tr>
<tr>
<td>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 &quot;N&quot;, e.g.: 1520 N.. Supporting frame, claws and claw screws are integrated into the earth protection. Thermoplastic (breakproof) high-gloss white</td>
<td>A 1520 BFKO WW</td>
</tr>
<tr>
<td>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 &quot;N&quot;, e.g.: 1520 N.. Supporting frame, claws and claw screws are integrated into the earth protection. Thermoplastic (breakproof) high-gloss white</td>
<td>A 1520 BFNAKO WW</td>
</tr>
<tr>
<td>SCHUKO® socket 16 A / 250 V – with surge voltage protection with child protection (shutter) Screw terminals for wires up to 2.5 mm² Without claws: ref.-no. with additional &quot;N&quot;, e.g.: 521 N.. Duroplastic (scratch-proof) glossy white</td>
<td>A 521 KIUF WW</td>
</tr>
</tbody>
</table>
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 1520.30 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 1520 FIK WW P1

SCHUKO® socket 16 A / 250 V ~
without 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 1520-0 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 A 1520-0 OO WW LNW

SCHUKO® socket 16 A / 250 V ~
with hinged lid (with spring)
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 BFKL WW
green A 1520 BFKLKO WW
orange A 1520 BFKLKO O
red A 1520 BFKLKO RT

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 BFKLSL WW
green A 1520 BFKLSL GN
orange A 1520 BFKLSL 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 A 1520 BFKLSL WW
green A 1520 BFKLSL GN
orange A 1520 BFKLSL O

A range

A range
### A range

<table>
<thead>
<tr>
<th>Socket, French/Belgian system</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-pole + male earth pin, 16 A / 250 V – with child protection (shutter) Screw terminals for wires up to 2.5 mm² acc. to NFC 61-314 Supporting frame, claws and claw screws are integrated into the earth protection. Duroplastic (scratch-proof) glossy white</td>
<td>A 1520-13 BF SEV WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Socket for Switzerland 1-gang socket type 13</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A 230 V –, L + N + PE Screwless terminals for wires up to 2.5 mm² 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</td>
<td>A 1521 FKI WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>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 mm² screw fixing only, without claws Supporting frame is integrated into the earth protection.</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>A 3521-5 CN BF WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Socket, 2-pole without earth 16 A / 250 V –</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw terminals for wires up to 2.5 mm² Duroplastic (scratch-proof) glossy white</td>
<td>A 511 N WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Socket, 2-pole without earth 16 A / 250 V – with child protection (shutter)</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw terminals for wires up to 2.5 mm² Duroplastic (scratch-proof) glossy white</td>
<td>A 511 NKI WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Socket insert British Standard 1363 13 A 250 V – 2-pole + earth, with child protection (shutter) Screw terminals for wires up to 4 mm² without switch</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic (breakproof) high-gloss white</td>
<td>3521 EINS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Centre plate for socket insert ref.-no. 3521 EINS Duroplastic (scratch-proof) glossy white</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre plate for socket insert ref.-no. 3521 EINS Duroplastic (scratch-proof) glossy white</td>
<td>A 3521 WW PL</td>
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</table>

<table>
<thead>
<tr>
<th>Centre plate for socket insert British Standard 546 5 A 250 V – 2-pole + earth, with child protection (shutter) Screw terminals for wires up to 4 mm² without switch</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre plate for socket insert ref.-no. 3521-5 EINS Duroplastic (scratch-proof) glossy white</td>
<td>A 3521-5 WW PL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Centre plate for socket insert for India, ref.-no. 521 IN-EINS Duroplastic (scratch-proof) glossy white</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre plate for socket insert for India, ref.-no. 521 IN-EINS Duroplastic (scratch-proof) glossy white</td>
<td>A 521 IN WW PL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>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 DPDE, 240 PDPE, 240 PDPE TW Thermoplastic (breakproof) high-gloss white</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 DPDE, 240 PDPE, 240 PDPE TW Thermoplastic (breakproof) high-gloss white</td>
<td>A 1540 BF WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Centre plate with knob for speed regulator insert ref.-no. 245.20 Thermoplastic (breakproof) high-gloss white</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre plate with knob for speed regulator insert ref.-no. 245.20 Thermoplastic (breakproof) high-gloss white</td>
<td>A 1540.20 BF WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sealing gasket for covers for rotary dimmer/speed regulator inserts</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>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. Thermoplastic (breakproof) high-gloss white</td>
<td>A 140 D</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard centre plate for LB Management inserts &quot;blinds&quot; ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot; 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</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard centre plate for LB Management inserts &quot;blinds&quot; ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot; 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</td>
<td>A 1700 BF WW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard centre plate &quot;arrows&quot; for LB Management inserts &quot;blinds&quot; ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot; 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</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard centre plate &quot;arrows&quot; for LB Management inserts &quot;blinds&quot; ref.-no.: 1730 JE and 1731 JE for LB Management inserts &quot;light&quot; 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</td>
<td>A 1700 BFP WW</td>
</tr>
<tr>
<td>Ref.-no.</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>----------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1701 BF WW</td>
<td>Universal centre plate for LB Management inserts <strong>blinds</strong></td>
</tr>
<tr>
<td>1702 BF WW</td>
<td>Standard centre plate 2-gang for LB Management inserts <strong>light</strong></td>
</tr>
<tr>
<td>1750 D WW</td>
<td>Universal timer Bluetooth for LB Management inserts <strong>blinds</strong></td>
</tr>
<tr>
<td>1751 BFBT WW</td>
<td>Universal timer Bluetooth for LB Management inserts <strong>light</strong></td>
</tr>
<tr>
<td>1751 BF WW</td>
<td>Standard timer with display for LB Management inserts <strong>light</strong></td>
</tr>
<tr>
<td>17180 WW</td>
<td>Universal automatic switch 1.1 m for LB Management inserts <strong>light</strong></td>
</tr>
<tr>
<td>17181 WW</td>
<td>Universal automatic switch 1.1 m for LB Management inserts <strong>light</strong></td>
</tr>
<tr>
<td>17280 WW</td>
<td>Standard automatic switch 1.1 m for LB Management inserts <strong>light</strong></td>
</tr>
<tr>
<td>17181 WU WW</td>
<td>Universal automatic switch 2.2 m for LB Management inserts <strong>light</strong></td>
</tr>
<tr>
<td>17281 WW</td>
<td>Universal automatic switch 2.2 m for LB Management inserts <strong>light</strong></td>
</tr>
<tr>
<td>AS A 50 DS</td>
<td>Sealing kit for automatic switches 2.2 m of the AS / A ranges</td>
</tr>
<tr>
<td>TR A 231 WW</td>
<td>Room thermostat (1-way contact) 1-pole NC contact 10 (4) A, AC 230 V ~ , 50/60 Hz</td>
</tr>
<tr>
<td>TR A 236 WW</td>
<td>Room thermostat (2-way contact) 1-pole, 2-way, heating 10 (4) A, AC 230 V ~ , 50/60 Hz</td>
</tr>
<tr>
<td>USB 3-2 WW</td>
<td>USB charger with 2 USB ports type A screw fixing only, without claws</td>
</tr>
<tr>
<td>USB 15 CA WW</td>
<td>USB charger with 1 USB port type A and 1 USB port type C screw fixing only, without claws</td>
</tr>
<tr>
<td>A 569 PLT ..</td>
<td>Covers: AS / A ranges: ref.-no. A 569 PLT ..</td>
</tr>
<tr>
<td>CD range: ref.-no. CD 569 T ..</td>
<td>SL range: ref.-no. SL 569 T ..</td>
</tr>
<tr>
<td>LS range: ref.-no. LS 569 T ..</td>
<td>50 x 50: ref.-no. 169 T WW, 169 T SW</td>
</tr>
<tr>
<td>169 T WW, 169 T SW</td>
<td>Centre plate for TV-FM sockets ref.-no.: EDU 04 F, GEDU 10, GEDU 15</td>
</tr>
<tr>
<td>A 561 BFPLTV WW</td>
<td>Centre plate for SAT-TV-FM socket outlet inserts ref.-no.: EDA 302 F, GDA 313 F</td>
</tr>
</tbody>
</table>
A range

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMD A 4521 WW</td>
<td>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</td>
</tr>
<tr>
<td>P A 590 A WW</td>
<td>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</td>
</tr>
<tr>
<td>A 569-1 BFPLUA WW</td>
<td>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</td>
</tr>
<tr>
<td>A 569-2 BFPLUA WW</td>
<td>Centre plate für 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</td>
</tr>
<tr>
<td>A 569 BFPLT WW</td>
<td>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</td>
</tr>
<tr>
<td>A 1569 USB WW</td>
<td>Centre plate with inscription field 9 x 51 mm for mounting adapter 30° ref.-no.: 3069 Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>A 569-30 BF PL WW</td>
<td>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</td>
</tr>
<tr>
<td>A 569-1 NWE WW</td>
<td>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</td>
</tr>
<tr>
<td>A 569-2 NWE WW</td>
<td>Centre plate with 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</td>
</tr>
<tr>
<td>A 565-2 BF WW</td>
<td>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 mm² Thermoplastic (breakproof) high-gloss white Right angle plug for potential equalisation socket screw terminal for wires with 4 or 6 mm² 65 WIS Blank centre plate (snap-on fixing) with supporting frame, screw fixing only Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>A 594-0 WW</td>
<td>Centre plate for pilot lights ref.-no.: 938-10 U and 938-14 U Thermoplastic (breakproof) high-gloss white</td>
</tr>
<tr>
<td>A 537 BFPL WW</td>
<td>Sealing gasket for covers for pilot light ref.-no.: ..537.., ..937.. flat, for lamps up to max. length of 35 mm transparent red 37.05 high, for lamps up to max. length of 54 mm transparent red 37 R</td>
</tr>
<tr>
<td>A 537 BFPL WW</td>
<td>Screw cap for covers for pilot light ref.-no.: ..537.., ..937.. flat, for lamps up to max. length of 35 mm transparent red 37.02 high, for lamps up to max. length of 54 mm transparent red 37 R</td>
</tr>
</tbody>
</table>
A range – A 550 and A flow

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Frame for horizontal and vertical installation for A range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Labelling is possible with labelling kit ref.-no. AC 80 NAS</td>
</tr>
<tr>
<td></td>
<td>1-gang frames also suitable for British Standard installations</td>
</tr>
<tr>
<td></td>
<td>(supporting frame must be compatible)</td>
</tr>
<tr>
<td></td>
<td>1-gang 85 x 85 x 10 mm</td>
</tr>
<tr>
<td></td>
<td>2-gang 85 x 156 x 10 mm</td>
</tr>
<tr>
<td></td>
<td>3-gang 85 x 227 x 10 mm</td>
</tr>
<tr>
<td></td>
<td>4-gang 85 x 298 x 10 mm</td>
</tr>
<tr>
<td></td>
<td>5-gang 85 x 369 x 10 mm</td>
</tr>
<tr>
<td></td>
<td>If possible, combine only with centre plates</td>
</tr>
<tr>
<td></td>
<td>made of thermoplastic (breakproof, high-gloss).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Frame A 550</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>white</td>
</tr>
<tr>
<td></td>
<td>Thermoplastic (breakproof) high-gloss</td>
</tr>
<tr>
<td></td>
<td>1-gang</td>
</tr>
<tr>
<td></td>
<td>2-gang</td>
</tr>
<tr>
<td></td>
<td>3-gang</td>
</tr>
<tr>
<td></td>
<td>4-gang</td>
</tr>
<tr>
<td></td>
<td>5-gang</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Frame A flow</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>white</td>
</tr>
<tr>
<td></td>
<td>Thermoplastic (breakproof) high-gloss</td>
</tr>
<tr>
<td></td>
<td>1-gang</td>
</tr>
<tr>
<td></td>
<td>2-gang</td>
</tr>
<tr>
<td></td>
<td>3-gang</td>
</tr>
<tr>
<td></td>
<td>4-gang</td>
</tr>
<tr>
<td></td>
<td>5-gang</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang rocker with lens</td>
<td>for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 506-20 KOU</td>
<td>LS 990 NA WW</td>
</tr>
<tr>
<td>1-gang rocker with lens and inscription field 9 x 58 mm</td>
<td>for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 506-20 KOU</td>
<td>LS 990 NA WW</td>
</tr>
<tr>
<td>1-gang rocker with lens and inscription field 12 x 55 mm</td>
<td>for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 506-20 KOU</td>
<td>LS 990 NA WW</td>
</tr>
<tr>
<td>Transparent cover with paper inlay</td>
<td>for inscription field 9 x 58 mm</td>
<td>CD 90 NA</td>
</tr>
<tr>
<td>Transparent cover with paper inlay</td>
<td>for inscription field 12 x 55 mm</td>
<td>CD 90 NA</td>
</tr>
<tr>
<td>Transparent cover</td>
<td></td>
<td>M 20 NA</td>
</tr>
</tbody>
</table>

### LS range

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang rocker with symbol &quot;light&quot;</td>
<td>for switch insert with indicator light ref.-no.: 502 KOU, 503 KOU, 506 KOU, 501-20 KOU, 506-20 KOU</td>
<td>LS 990 KO5 WW</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;bell&quot;</td>
<td>for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U</td>
<td>LS 990 KO5 WW</td>
</tr>
<tr>
<td>1-gang rocker with symbol &quot;door&quot;</td>
<td>for switch insert ref.-no.: 501 U, 502 U, 503 U, 506 U, 507 U</td>
<td>LS 990 KO5 WW</td>
</tr>
</tbody>
</table>

### Duroplastic (scratch-proof) glossy

- Metal versions:
  - Aluminium: AL 2990
  - Stainless steel: ES 2990

- Transparent cover with paper inlay:
  - For inscription field 9 x 58 mm: CD 90 NA
  - For inscription field 12 x 55 mm: CD 90 NA

- Transparent cover:
  - For inscription field 12 x 55 mm: CD 90 NA

### Duroplastic (scratch-proof) glossy

- Metal versions:
  - Aluminium: AL 2990
  - Stainless steel: ES 2990

- Transparent cover with paper inlay:
  - For inscription field 9 x 58 mm: CD 90 NA
  - For inscription field 12 x 55 mm: CD 90 NA

- Transparent cover:
  - For inscription field 12 x 55 mm: CD 90 NA
<table>
<thead>
<tr>
<th>LS range</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang rocker with embossed symbol &quot;bell&quot; for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U metal versions</td>
<td>aluminium □ AL 2990 KP stainless steel □ ES 2990 KP</td>
</tr>
<tr>
<td>1-gang rocker with embossed symbol &quot;bell&quot;, with lens for push-button insert ref.-no.: 531 U, 532 U, 533 U, 533-2 U metal versions</td>
<td>aluminium □ AL 2990 KOS TP stainless steel □ ES 2990 KOS TP</td>
</tr>
<tr>
<td>Holder plate for frame fixing and 1-gang rocker bearing (Spare part)</td>
<td>black □ CD 90 HP</td>
</tr>
<tr>
<td>1-gang rocker with glass plate with rocker and red lens for all 1-gang switch/push-button inserts (except push switch insert)</td>
<td>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</td>
</tr>
<tr>
<td>2-gang rocker for switch insert ref.-no.: 506 U, 509 U for push switch insert ref.-no.: 506 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 metal versions</td>
<td>aluminium □ AL 2995 stainless steel □ ES 2995</td>
</tr>
<tr>
<td>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</td>
<td>Duroplastic (scratch-proof) glossy white □ LS 995 KOS WW metal versions</td>
</tr>
<tr>
<td>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</td>
<td>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</td>
</tr>
<tr>
<td>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</td>
<td>aluminium □ AL 2995 P stainless steel □ ES 2995 P</td>
</tr>
<tr>
<td>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</td>
<td>aluminium □ AL 2995 PP stainless steel □ ES 2995 PP</td>
</tr>
<tr>
<td>Holder plate for frame fixing and 2-gang rocker bearing (Spare part)</td>
<td>black □ CD 95 HP</td>
</tr>
<tr>
<td>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</td>
<td>aluminium □ AL 993 stainless steel □ ES 993</td>
</tr>
<tr>
<td>Holder plate for frame fixing and 3-gang rocker bearing (Spare part)</td>
<td>black □ LS 93 HP</td>
</tr>
</tbody>
</table>
**Centre plate**
for key switch inserts
ref.-no.: 104.18, 134.18, 133.18, 138.18, 106.28
for key switch insert 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 mm²
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)
Without claws: ref.-no. with additional "N", e.g.:..1520 N..

**SCHUKO® socket 16 A / 250 V (~)**
with inscription field 9 x 58 mm
Without claws: ref.-no. with additional "N", e.g.:..1520 N..

**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 BFNA WW
green  LS 1520 BFNA GN
orange  LS 1520 BFNA O
red  LS 1520 BFNA RT

**SCHUKO® socket 16 A / 250 V (~)**
without child protection
with inscription field 12 x 55 mm
Without claws: ref.-no. with additional "N", e.g.:..1520 N..

**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
stainless steel  ES 1520 KINA

**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
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
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 mm²
Without claws: ref.-no. with additional "N", e.g.: ..1520 N..
Duroplastic (scratch-proof) glossy
white LS 521 KINAUF WW
metal versions (lacquered)
aluminium LS 1520-O WW LNW
stainless steel LS 1520-O WW LNW
metal versions
aluminium AL 1520 KL
stainless steel ES 1520 KL
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
metal versions
aluminium LS 1520-BFKL WW
stainless steel LS 1520-BFKL WW
metal versions
aluminium AL 1521 KL
stainless steel ES 1521 KL
### LS range

<table>
<thead>
<tr>
<th>SCHUKO® socket 16 A / 250 V – with hinged lid (with spring) with child protection (shutter) Without claws: ref.-no. with additional &quot;N&quot;, 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 green orange red metal versions aluminium stainless steel</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 1520 BFKIKL WW</td>
<td><strong>LS 1520 BFKIKL GN</strong></td>
</tr>
<tr>
<td>LS 1520 BFKIKL O</td>
<td>LS 1520 BFKIKL RT</td>
</tr>
</tbody>
</table>

### LS range

<table>
<thead>
<tr>
<th>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 &quot;N&quot;, 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 metal versions aluminium stainless steel</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 1520 BFNAKL WW</td>
<td><strong>LS 1520 BFNAKL GN</strong></td>
</tr>
<tr>
<td>LS 1520 BFNAKL O</td>
<td>LS 1520 BFNAKL RT</td>
</tr>
</tbody>
</table>

### LS range

<table>
<thead>
<tr>
<th>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 &quot;N&quot;, 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 stainless steel</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 1520 NAKL WW</td>
<td><strong>LS 1520 NAKL GN</strong></td>
</tr>
<tr>
<td>LS 1520 NAKL O</td>
<td>LS 1520 NAKL RT</td>
</tr>
</tbody>
</table>

### LS range

<table>
<thead>
<tr>
<th>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 &quot;N&quot;, e.g.: 1520 N. Supporting frame, claws and claw screws are integrated into the earth protection. Thermoplastic (breakproof) high-gloss white green orange red</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 1520 NAKLKO WW</td>
<td><strong>LS 1520 NAKLKO GN</strong></td>
</tr>
<tr>
<td>LS 1520 NAKLKO O</td>
<td>LS 1520 NAKLKO RT</td>
</tr>
</tbody>
</table>

### LS range

<table>
<thead>
<tr>
<th>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 &quot;N&quot;, 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 metal versions (lacquered) aluminium stainless steel</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 1520 NAKLSL WW</td>
<td><strong>LS 1520 NAKLSL GN</strong></td>
</tr>
<tr>
<td>LS 1520 NAKLSL O</td>
<td>LS 1520 NAKLSL RT</td>
</tr>
</tbody>
</table>

### LS range

<table>
<thead>
<tr>
<th>SCHUKO® socket 16 A / 250 V – with hinged lid (with spring) with screwless terminals for wires up to 2.5 mm² metal versions</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SU 1520 NAKL EINS</td>
<td><strong>SU 1520 NAKL EINS</strong></td>
</tr>
<tr>
<td>SU 1520 NAKL EINS</td>
<td>SU 1520 NAKL EINS</td>
</tr>
</tbody>
</table>

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**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.**

*Transparent cover with paper inlay for inscription field 12 x 55 mm (Spare part)*
- paper inlay white **M 20 NA**

---

**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)**

*Transparent cover with paper inlay for inscription field 9 x 39 mm (Spare part)*
- paper inlay white **LS 90 NA**

### LS range

**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 | Ref.-no. |
- LS 1521 FKI WW PL-1 | **LS 1521 FKI WW PL-1** |
- LS 1521 FKI PL-1 | **LS 1521 FKI PL-1** |
- LS 1521 FKI WW | **LS 1521 FKI WW** |
- LS 1521 FKI WW | LS 1521 FKI PL-1 |
- LS 1521 FKI PL-1 | LS 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 mm² Supporting frame, claws and claw screws are integrated into the earth protection. Duroplastic (scratch-proof) glossy white | Ref.-no. |
- LS 1520 FKI WW | **LS 1520 FKI WW** |
- LS 1520 FKI WW | LS 1520 FKI PL-1 |
- LS 1520 FKI PL-1 | **LS 1520 FKI PL-1** |
- LS 1520 FKI WW | LS 1520 FKI PL-1 |
- LS 1520 FKI PL-1 | LS 1520 FKI PL-1 |

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**Key**
- 1 piece **802 SL**
- when ordering please indicate lock number

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**Transparent cover with paper inlay** for inscription field 9 x 39 mm (Spare part)
- paper inlay white **LS 90 NA**

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**Socket, 2-pole without earth 16 A / 250 V – Screw terminals for wires up to 2.5 mm² Duroplastic (scratch-proof) glossy** white | Ref.-no. |
- LS 911 WW | **LS 911 WW** |

---

**Socket, 2-pole without earth 16 A / 250 V –**
- Screwless terminals for wires up to 2.5 mm²

---

**Socket, 2-pole without earth 16 A / 250 V –**
- Screwless terminals for wires up to 2.5 mm²

---

**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 | Ref.-no. |
- LS 1521 FKI WW PL-1 | **LS 1521 FKI WW PL-1** |
- LS 1521 FKI PL-1 | **LS 1521 FKI PL-1** |
- LS 1521 FKI WW | **LS 1521 FKI WW** |
- LS 1521 FKI WW | LS 1521 FKI PL-1 |
- LS 1521 FKI PL-1 | LS 1521 FKI PL-1 |

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**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 mm² Supporting frame, claws and claw screws are integrated into the earth protection. Duroplastic (scratch-proof) glossy white | Ref.-no. |
- LS 1520 FKI WW | **LS 1520 FKI WW** |
- LS 1520 FKI WW | LS 1520 FKI PL-1 |
- LS 1520 FKI PL-1 | **LS 1520 FKI PL-1** |
- LS 1520 FKI WW | LS 1520 FKI PL-1 |
- LS 1520 FKI PL-1 | LS 1520 FKI PL-1 |
<p>| Product | Description | 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 mm² 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 | LS 1521 FKI | stainless steel | LS 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 mm² acc. to SEV 1011-1998/IEC 884-1 | 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 mm² 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 mm² without switch | Duroplastic (scratch-proof) glossy | white | LS 521 IN WW | metal versions | aluminium | BS 2521 IN PL | stainless steel | BS 2171 IN PL |
|         |             | Centre plate for socket insert ref.-no. 3171 KO EINS | only in combination with frames in the LS range | Duroplastic (scratch-proof) glossy | white | LS 1940 WW | metal versions | aluminium | AL 1940 | stainless steel | ES 1940 |
|         |             | Centre plate for speed regulator insert ref.-no. 245.20 | Duroplastic (scratch-proof) glossy | white | LS 1940.20 WW | metal version | LS 140 D | sealing gasket | LS 140 D | has to be placed into the centre plate for rotary dimmer / speed regulator and IP 44 frame has to be used. |</p>
<table>
<thead>
<tr>
<th>Product Description</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard centre plate for LB Management inserts &quot;blinds&quot;</td>
<td>LS 1700 WW</td>
</tr>
<tr>
<td>Standard centre plate for LB Management inserts &quot;light&quot;</td>
<td>LS 1710 D WW</td>
</tr>
<tr>
<td>Universal centre plate for LB Management inserts &quot;blinds&quot;</td>
<td>LS 1751 BT WW</td>
</tr>
<tr>
<td>Universal centre plate for LB Management inserts &quot;light&quot;</td>
<td>LS 17180 WW</td>
</tr>
<tr>
<td>Universal automatic switch 1.1 m for LB Management inserts &quot;light&quot;</td>
<td>LS 17180 WU WW</td>
</tr>
<tr>
<td>Universal automatic switch 1.1 m for LB Management inserts &quot;light&quot;</td>
<td>LS 17181 WW</td>
</tr>
<tr>
<td>Universal automatic switch 1.1 m for LB Management inserts &quot;light&quot;</td>
<td>LS 17181 WU WW</td>
</tr>
<tr>
<td>Standard automatic switch 2.2 m for LB Management inserts &quot;light&quot;</td>
<td>LS 17280 WW</td>
</tr>
<tr>
<td>Standard automatic switch 1.1 m for LB Management inserts &quot;light&quot;</td>
<td>LS 17180 WW</td>
</tr>
<tr>
<td>Standard automatic switch 1.1 m for LB Management inserts &quot;light&quot;</td>
<td>LS 17181 WW</td>
</tr>
<tr>
<td>Standard automatic switch 1.1 m for LB Management inserts &quot;light&quot;</td>
<td>LS 17181 WU WW</td>
</tr>
<tr>
<td>Universal timer Bluetooth for LB Management inserts &quot;blinds&quot;</td>
<td>LS 1750 D WW</td>
</tr>
<tr>
<td>Universal timer Bluetooth for LB Management inserts &quot;light&quot;</td>
<td>LS 1751 BT WW</td>
</tr>
<tr>
<td>Universal timer Bluetooth &quot;arrows&quot; for LB Management inserts &quot;blinds&quot;</td>
<td>LS 1751 PBT WW</td>
</tr>
<tr>
<td>Universal timer Bluetooth &quot;arrows&quot; for LB Management inserts &quot;light&quot;</td>
<td>LS 17180 PBT WW</td>
</tr>
<tr>
<td>Universal timer Bluetooth &quot;arrows&quot; for LB Management inserts &quot;blinds&quot;</td>
<td>LS 17180 WU WW</td>
</tr>
<tr>
<td>Universal timer Bluetooth &quot;arrows&quot; for LB Management inserts &quot;light&quot;</td>
<td>LS 17180 WU WW</td>
</tr>
<tr>
<td>Universal timer Bluetooth &quot;arrows&quot; for LB Management inserts &quot;blinds&quot;</td>
<td>LS 17181 WU WW</td>
</tr>
<tr>
<td>Universal timer Bluetooth &quot;arrows&quot; for LB Management inserts &quot;light&quot;</td>
<td>LS 17181 WU WW</td>
</tr>
</tbody>
</table>
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
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
metal versions
aluminium TR AL 231
stainless steel TR ES 231

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. .. 969 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
metal versions LS 990 TV WW
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
metal versions LS 990 SAT WW
aluminium AL 2990 SAT
stainless steel ES 2990 SAT

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 mm² up to 5 x 2.5 mm² (Ø 7 up to 13 mm)
Duroplastic (scratch-proof) glossy
white LS 990 A WW
metal versions
aluminium AL 2969-1 UA
stainless steel ES 2969-1 UA

Centre plate
für IAE/UAE-Anschlussdose
für Datenstose Cat. 6
1 x 8-pol.
for WLAN access point
ref.-no.: WLAN-AC-UAE, WLAN-AC-POE-UAE
Thermoplastic (breakproof) high-gloss
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 Datenstose Cat. 6
1 x 8-pol.
for WLAN access point
ref.-no.: WLAN-AC-UAE, WLAN-AC-POE-UAE
Thermoplastic (breakproof) high-gloss
metal versions
aluminium AL 2969-1 UA
stainless steel ES 2969-1 UA

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 Datenstose Cat. 6
2 x 8-pol.
for media converter 2-gang ref.-no.: MK-POF-2UAE
Thermoplastic (breakproof) high-gloss
metal versions
aluminium AL 2969-2 UA
stainless steel ES 2969-2 UA
<table>
<thead>
<tr>
<th>LS range</th>
<th>Ref.-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>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</td>
<td>LS 969-2 NAUA WW</td>
</tr>
<tr>
<td>metal versions, with inscription field 12 x 55 mm aluminium AL 2969-2 NAUA stainless steel ES 2969-2 NAUA</td>
<td></td>
</tr>
<tr>
<td>Centre plate with inscription field 9 x 51 mm for mounting adapter 30° ref.-no.: 3069.. Thermoplastic (breakproof) high-gloss white</td>
<td>LS 569-30 BF PL WW</td>
</tr>
<tr>
<td>metal versions (lacquered) aluminium AL 569-30 BF PL-L stainless steel ES 569-30 BF PL-L</td>
<td></td>
</tr>
<tr>
<td>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 1 socket Thermoplastic (breakproof) high-gloss white</td>
<td>LS 969-1 NWE WW</td>
</tr>
<tr>
<td>metal versions (lacquered) aluminium AL 969-1 NWE-L stainless steel ES 969-1 NWE-L</td>
<td></td>
</tr>
<tr>
<td>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</td>
<td>LS 969-2 NWE WW</td>
</tr>
<tr>
<td>metal versions, with inscription field 12 x 55 mm aluminium AL 2969-2 NWE stainless steel ES 2969-2 NWE</td>
<td></td>
</tr>
<tr>
<td>Transparent cover with paper inlay for inscription field 9 x 58 mm (Spare part) paper inlay white</td>
<td>CD 90 NA</td>
</tr>
<tr>
<td>Transparent cover for inscription field 12 x 55 mm (Spare part)</td>
<td>M 20 NA</td>
</tr>
<tr>
<td>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</td>
<td>LS 969 T WW</td>
</tr>
<tr>
<td>metal versions aluminium AL 2969 T stainless steel ES 2969 T</td>
<td></td>
</tr>
<tr>
<td>Centre plate for USB changer ref.-no.: USB 3-2 WW, USB 3-2 SW, USB 15 CA WW, USB 15 CA SW Thermoplastic (breakproof) high-gloss white</td>
<td>LS 1969 USB WW</td>
</tr>
<tr>
<td>metal versions aluminium AL 1969 USB stainless steel ES 1969 USB</td>
<td></td>
</tr>
<tr>
<td>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 mm² Duroplastic (scratch-proof) glossy white</td>
<td>LS 965-2 WW</td>
</tr>
<tr>
<td>metal versions aluminium AL 2965-2 stainless steel ES 2965-2</td>
<td></td>
</tr>
<tr>
<td>Right angle plug for potential equalisation socket screw terminal for wires with 4 or 6 mm²</td>
<td>65 WIS</td>
</tr>
<tr>
<td>Blank centre plate (snap-on fixing) with supporting frame, screw fixing only Thermoplastic (breakproof) high-gloss white</td>
<td>LS 994 B WW</td>
</tr>
<tr>
<td>metal versions aluminium AL 2994 B stainless steel ES 2994 B</td>
<td></td>
</tr>
<tr>
<td>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</td>
<td>LS 1539-O WW LNW</td>
</tr>
<tr>
<td>metal versions (lacquered) aluminium AL 1539-O LNW stainless steel ES 1539-O LNW</td>
<td></td>
</tr>
<tr>
<td>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</td>
<td>LS 1539-OO WW LNW</td>
</tr>
<tr>
<td>metal versions (lacquered) aluminium AL 1539-OO LNW stainless steel ES 1539-OO LNW</td>
<td></td>
</tr>
<tr>
<td>Centre plate for pilot lights ref.-no.: 938-10 U and 938-14 U Duroplastic (scratch-proof) glossy white</td>
<td>LS 937 WW</td>
</tr>
<tr>
<td>metal versions aluminium AL 2937 stainless steel ES 2937</td>
<td></td>
</tr>
<tr>
<td>Sealing gasket for covers for pilot light ref.-no.: ..937.. ..938.. ..37 D</td>
<td>37 D</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Screw cap for covers for pilot light ref.-no.: ..937.. ..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</td>
<td></td>
</tr>
</tbody>
</table>
**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 961 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 BFKL NA KL 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 "plug"
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

**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
AS CD 50 DS
### Surface Cap

- **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
  - metal versions (lacquered)
    - aluminium: LS 581 A WW
    - stainless steel: ES 2581 A-L
- **2-gang, 152 x 81 x 47 mm**
  - Duroplastic (scratch-proof) glossy
  - white
  - metal versions (lacquered)
    - aluminium: LS 582 A WW
    - stainless steel: ES 2582 A-L
- **3-gang, 223 x 81 x 47 mm**
  - Duroplastic (scratch-proof) glossy
  - white
  - metal versions (lacquered)
    - aluminium: LS 583 A WW
    - stainless steel: ES 2583 A-L

### Strain Relief

- **Strain relief**
  - for surface caps
  - for cables 3 x 1.5 mm² up to 5 x 2.5 mm² (Ø 7 up to 13 mm)
    - 58 A ZUG

### Inlets for Cables, Pipes, and Trunkings

- **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

### Frame

- **Frame**
  - for horizontal and vertical installation
  - for LS range
- **1-gang 81 x 111 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**

### Metal Versions

- **Metal versions**
  - aluminium
    - 1-gang: LS 981 WW
    - 2-gang: LS 982 WW
    - 3-gang: LS 983 WW
    - 4-gang: LS 984 WW
    - 5-gang: LS 985 WW
  - stainless steel
    - 1-gang: LS 981 WW
    - 2-gang: LS 982 WW
    - 3-gang: LS 983 WW
    - 4-gang: LS 984 WW
    - 5-gang: LS 985 WW
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 963 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

Plastering frame
for horizontal and vertical installation
of the LS range into appliance box according to DIN 49073
suitable for plaster or plasterboard thickness of 12.5 mm
1-gang  PA 981 G 125-0
2-gang  PA 982 G 125-0
3-gang  PA 983 G 125-0

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

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
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

<table>
<thead>
<tr>
<th>Ref.-no.</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>806 W</td>
<td>1-gang switch 10 AX / 250 V ~ 1-pole, 2-way intermediate Rocker with symbols I 0</td>
</tr>
<tr>
<td>807 W</td>
<td>2-pole, 1-way</td>
</tr>
<tr>
<td>802 W</td>
<td>1-gang switch 16 AX / 400 V ~ Screw terminals for wires up to 4 mm² Rocker with symbols I 0 3-pole, 1-way</td>
</tr>
<tr>
<td>803 W</td>
<td>1-gang switch 10 AX / 250 V ~ with inscription field 22 x 48 mm 1-pole, 2-way</td>
</tr>
<tr>
<td>806 NAW</td>
<td>1-pole, 2-way</td>
</tr>
<tr>
<td>806 KOW</td>
<td>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 Rocker with symbols I 0 2-pole, 1-way</td>
</tr>
<tr>
<td>831 W</td>
<td>1-gang push-button 10 A / 250 V ~ with neutral symbol (ref.-no.: 33 AN N) 1-pole 1-way (NO contact) 1-pole 2-way with terminal for N conductor 1-pole 1-way (NO contact) with separate contacts for indicator light and red lens (ref.-no. 33 NR)</td>
</tr>
<tr>
<td>833 W</td>
<td>1-pole</td>
</tr>
<tr>
<td>834 W</td>
<td>1-pole</td>
</tr>
<tr>
<td>833-2 W</td>
<td>2-pole, 2-way</td>
</tr>
<tr>
<td>33 GN</td>
<td>Insert without symbol, translucent for switches with indicator light and push-buttons in design range WG 800 green</td>
</tr>
<tr>
<td>33 NR</td>
<td>red</td>
</tr>
<tr>
<td>33 KLAR</td>
<td>transparent</td>
</tr>
<tr>
<td>831 NAW</td>
<td>1-gang push-button 10 A / 250 V ~ with inscription field 22 x 48 mm 1-pole 1-way (NO contact)</td>
</tr>
<tr>
<td>805 W</td>
<td>2-gang switch 10 AX / 250 V ~ 1-pole, 1-way 1-pole, 1-way with inscription fields 22 x 22 mm</td>
</tr>
<tr>
<td>805 NAW</td>
<td>1-pole, 2-way</td>
</tr>
<tr>
<td>809 W</td>
<td>2-gang switch 10 AX / 250 V ~ Screw terminals for wires up to 2.5 mm² 1-pole, 2-way 1-pole, 2-way with inscription fields 22 x 22 mm</td>
</tr>
<tr>
<td>809 NAW</td>
<td>1-pole, 2-way</td>
</tr>
<tr>
<td>839 W</td>
<td>2-gang push-button, 10 A / 250 V ~ Screw terminals for wires up to 2.5 mm² 1-pole, 2-way 1-pole, 2-way with inscription fields 22 x 22 mm</td>
</tr>
<tr>
<td>839 NAW</td>
<td>1-pole, 2-way</td>
</tr>
<tr>
<td>835 W</td>
<td>2-gang push-button, 10 A / 250 V ~ 1-pole 1-way (NO contact) 1-pole, 1-way (NO contact) with inscription fields 22 x 22 mm</td>
</tr>
<tr>
<td>835 NAW</td>
<td>1-pole, 2-way</td>
</tr>
</tbody>
</table>

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<tr>
<td>860 WGL RT</td>
<td>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</td>
</tr>
<tr>
<td>860 WGL BL</td>
<td>blue similar RAL 5015</td>
</tr>
<tr>
<td>860 WGL GE</td>
<td>yellow similar RAL 1004</td>
</tr>
<tr>
<td>831 NAW</td>
<td>2-gang push-button 10 A / 250 V ~ with inscription field 22 x 48 mm 1-pole, 1-way (NO contact)</td>
</tr>
<tr>
<td>809 W</td>
<td>2-gang switch 10 AX / 250 V ~ Screw terminals for wires up to 2.5 mm² 1-pole, 2-way 1-pole, 2-way</td>
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<tr>
<td>809 NAW</td>
<td>1-pole, 2-way, 2-way</td>
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<td>839 W</td>
<td>2-gang push-button, 10 A / 250 V ~ Screw terminals for wires up to 2.5 mm² 1-pole, 2-way 1-pole, 2-way</td>
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<tr>
<td>839 NAW</td>
<td>1-pole, 2-way, 2-way</td>
</tr>
<tr>
<td>835 W</td>
<td>2-gang push-button, 10 A / 250 V ~ 1-pole 1-way (NO contact) 1-pole, 1-way (NO contact)</td>
</tr>
<tr>
<td>835 NAW</td>
<td>1-pole, 2-way, 2-way</td>
</tr>
</tbody>
</table>
Ref.-no. 876 W
SCHUKO® socket 16 A / 250 V ~
with 1-gang / 2-way switch 10 AX / 250 V ~

Ref.-no. 871 W
SCHUKO® socket 16 A / 250 V ~
with push-button 10 A / 250 V ~
1-pole
1-way (NO contact)

Ref.-no. 875 W
SCHUKO® socket 16 A / 250 V ~
with 2-gang switch 10 AX / 250 V ~

Ref.-no. 876 KOW
SCHUKO® socket 16 A / 250 V ~
with 1-gang / 2-way switch with indicator light
10 AX 250 V ~
Neutral conductor required

Ref.-no. 875 W
SCHUKO® socket 16 A / 250 V ~
with 2-gang switch 10 AX / 250 V ~

Ref.-no. 876 NAWSL
SCHUKO® socket 16 A / 250 V ~
with safety lock
with inscription field 22 x 48 mm
with 2 keys
(24 different locks)

Ref.-no. 876 UF W
SCHUKO® socket 16 A / 250 V ~
with surge voltage protection
with optical and acoustic fault indication
Screw terminals for wires up to 2.5 mm²

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 mm²
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) * 804.28 G
10 A 250 V ~
Blind push-button
2-pole (2 motors) * 834.28 G
Push-button, 1-pole
2-way 833.18 G
16 AX 250 V ~
Switch
2-pole, 2-way 806.28 G
* A pre-travel prevents a quick change of direction.

SCHUKO® socket 16 A / 250 V ~
with child protection
(shutter) 820 KIW
with pilot light
ref.-no. 93 820 KOW
exchangeable from the front without disconnecting the mains

SCHUKO® socket 16 A / 250 V ~
with inscription field 22 x 48 mm
with child protection
(shutter) 820 NAWSL
green hinged lid 820 GN NAWSL
orange hinged lid 820 O 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 mm²
2-gang SCHUKO® socket 16 A / 250 V ~
with two inscription fields 22 x 48 mm
for vertical installation, housing 75 x 151 x 58 mm
2 inlets
2 single covers
2 inlets
2 single covers with child protection
(shutter)
IP 822 NAW
for horizontal installation, housing 151 x 75 x 58 mm
4 inlets
2 single covers
4 inlets
2 single covers with child protection
(shutter)
IP 8220 NAW

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 mm² acc. to NFC 61-314
IP 821 FKI W

2-gang 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 mm² acc. to NFC 61-314
for horizontal installation, housing 151 x 75 x 58 mm
IP 8221 FKI W

Socket US NEMA system
15 A, 125 V ~, 5-15R, 2-pole + earth
Screw terminals for wires up to 4 mm² 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 mm² acc. to US-NEMA
IP 821-20 USW

Pilot light (without cap)
Screw terminals for wires up to 2.5 mm²
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
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