







Congratulations and thank you for purchasing this Schwaiger product. These operating instructions are intended to assist you in using the product. Read through the instructions for use carefully. Store this guide safely throughout the product's entire service life and pass it on to any subsequent users or owners. Check that the supplied package is complete and ensure that none of the parts are defective or damaged.

**⚠ WARNING**

- The power rail must be installed by a professional electrician with the appropriate training, otherwise please do not dismantle, maintain and install.
- Please always switch off the power during installation.
- Make sure that no bare wires are exposed after completing the installation to avoid electric shock.

**PRODUCT SPECIFICATION**

| Model  | MSLW0500/<br>MSLS0500 | MSLW0750/<br>MSLS0750 | MSLW1000/<br>MSLS1000 |
|--------|-----------------------|-----------------------|-----------------------|
| Length | 500 mm                | 750 mm                | 1000 mm               |
| Width  | 86 mm                 | 86 mm                 | 86 mm                 |
| Height | 22 mm                 | 22 mm                 | 22 mm                 |
| Colour | white/black           | white/black           | white/black           |

**TECHNICAL DATA POWER RAILS**

|                                                            |                                                                                                                                                                           |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal voltage                                            | 250 V ~                                                                                                                                                                   |
| Rated impulse withstand voltage                            | 4kV                                                                                                                                                                       |
| Conditional rated short-circuit current (ICC) of a circuit | ICC of the PT system = 1.5kA (test with SCPD: MCB C32 250V/4.5kA as reference)<br><br>ICC of the branching unit = 1.5kA (test with SCPD: MCB C32 250V/4.5kA as reference) |
| Nominal insulation voltage                                 | 500 V ~                                                                                                                                                                   |
| Protection class (IP degree)                               | IP20                                                                                                                                                                      |
| Resistance to impacts                                      | 2J                                                                                                                                                                        |
| Nominal frequency                                          | 50 Hz                                                                                                                                                                     |

**MAXIMUM POWER SPECIFICATION**

|                               |                          |
|-------------------------------|--------------------------|
| Wire gauge                    | 2,5 mm <sup>2</sup> wire |
| Rated current                 | 16.0 A                   |
| Max. Power of the power strip | 3680 W                   |

**Scope of delivery**

- Power rail
- Screws (4x or 6x)
- Adhesive pads
- Mounting brackets (2x or 3x)
- Plastic dowels (4x or 6x)
- Adhesive

**PRECAUTIONARY MEASURES DURING INSTALLATION**

**⚠ WARNING!**

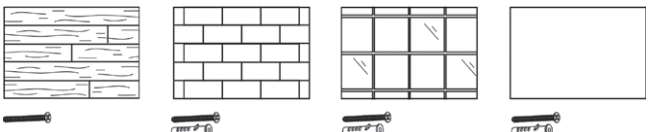
Ensure that the installation personnel have the necessary qualifications for electrical work and take the necessary measures to protect against power failure and for insulation. (Dismantling or installation work may only be carried out by trained personnel. Laypersons may not carry out any dismantling or installation work).

**Line protection**

Please ensure that the power rail is protected by an upstream short-circuit protective device (SCPD). The SCPD specification is defined as the maximum current of the busbar. (SCPD e.g. MCB C32 or MCB C16).

**Different wall types**

Please note that different tools may be required for mounting the power rail on different types of wall.



**Tools required**

- Spirit level
- Wire crimping pliers
- Wire stripper
- Screwdriver
- Markers
- Drill

**INSTALLATION STEPS**

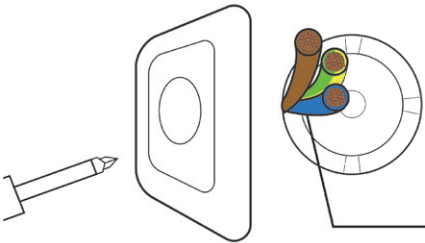
**❗ NOTE!**

If you do not want to drill holes in the wall, you can use the double-sided adhesive pads supplied to mount the mounting brackets. Optionally, you can use the liquid adhesive supplied to increase the adhesive strength.

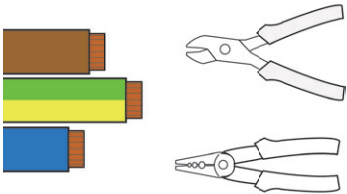
Glue instead of drilling: Skip steps 8 -10.

**1. Determine the socket outlet that you want to replace with the power rail**

**2. Switch off the power.**  
Switch off the power at the fuse box and make sure that you have flipped the correct switch. You can use a voltage tester to check this. Make sure that there is no power at the socket before working on it.

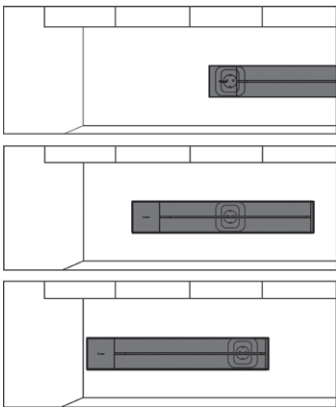


Loosen the fixing screw with a screwdriver and remove the surface-mounted box. Ensure that you do not touch the wires or terminals. Pull out the socket. Make sure that the terminals are not energised.



**3. Removing the surface-mounted box.**

**4. Preparing the wire ends**  
Carefully unscrew the terminals and pull out the wires. If the wire ends look damaged, use a stripping tool to prepare the ends for installation again.

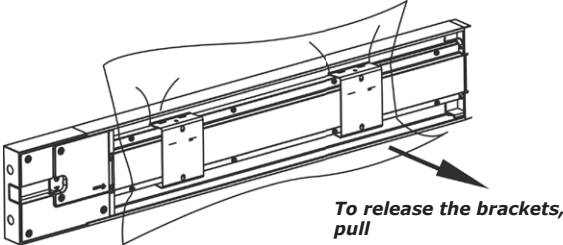


**5. Determine the installation position of the power rail.**  
The power rail can be installed anywhere in the area (shown in the illustration below).

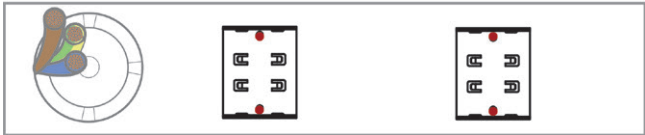
**6. Determining the position.**  
Determine the position of the power rail using the options described in step 5. Use a spirit level to mark the alignment of the rail so that it is straight at the end.

**7. Loosen the brackets.**

Pull vertically on the plastic film between the back of the power rail and the mounting brackets to separate the brackets from the power rail.



**8. Marking the drill holes.**



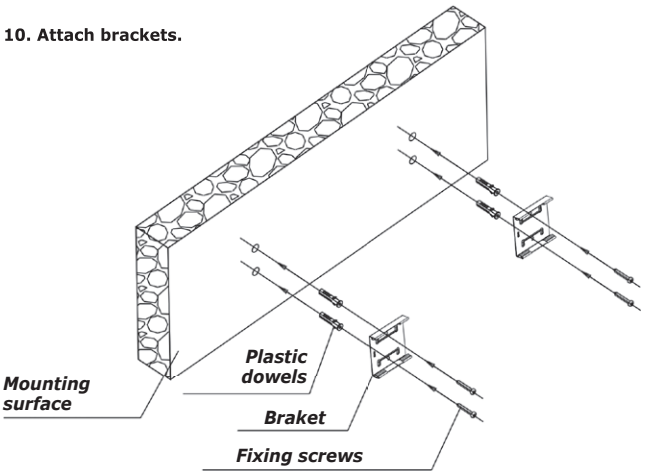
Use the mounting material as a template. Hold the template at the point where the power rail is to be installed and insert the mounting brackets into the recesses in the template. Then mark the screw positions with a marker. Make sure that the two brackets are not too far apart, otherwise the power rail cannot be fastened. Also make sure that there are no cables behind the wall at the positions where you want to drill the brackets.

**9. Drill holes.**



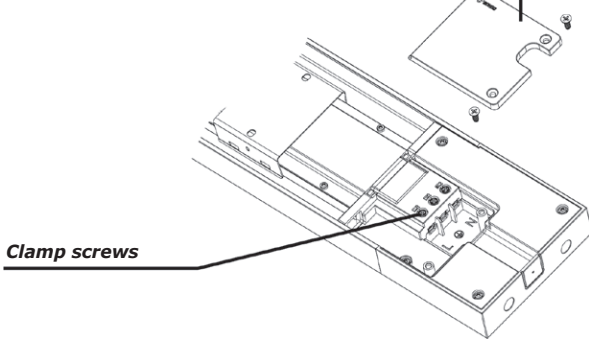
Use a suitable tool to drill holes of the appropriate size depending on the type of wall you want to install it on.

**10. Attach brackets.**



- Insert the plastic plugs into the drilled holes.
- Tap them in with a small hammer so that they are flush with the wall surface.
- Attach the metal brackets to the wall with mounting screws.

**11. Open terminal box.**



- Loosen the 2 screws on the back of the power rail.
- Open the cover of the terminal box.
- Loosen the clamps with a screwdriver.

**12. Identify power cable.**



**⚠ ATTENTION!**

Maintenance/installation/repair work may only be carried out by certified and trained specialists.

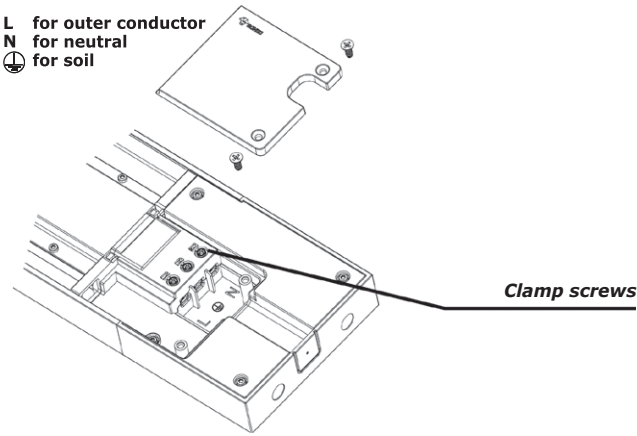
Most cables in the wall are colour-coded in this way, but conditions may vary. If you see different coloured wires and cannot distinguish the wires, please contact a professional who can correctly identify the cables.

**There is a risk of electric shock or fire if the wiring is incorrect.**

**13. Determine threading position.**

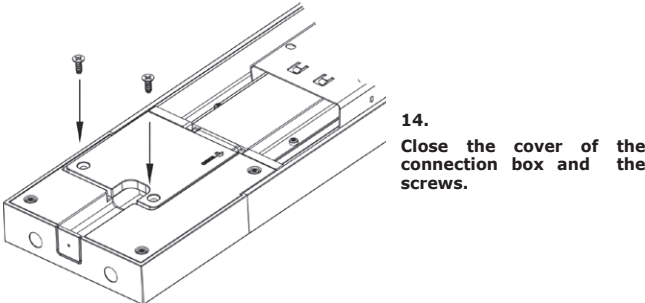
The connections are labelled as follows:

- L** for outer conductor
- N** for neutral
- ⊕** for soil



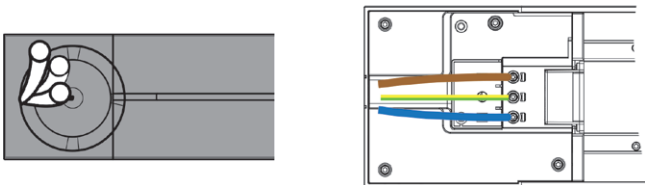
Thread the cables accordingly, plug the live wire into terminal **L**, the neutral wire into **N** and the earth wire into terminal **⊕**.

Tighten the screws on the clamp.

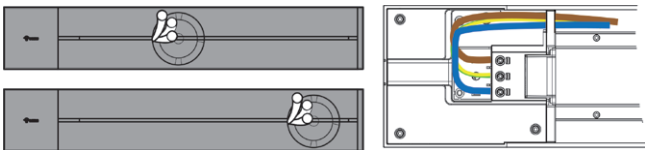


**15. Thread the cables according to the mounting position of your power rail.**

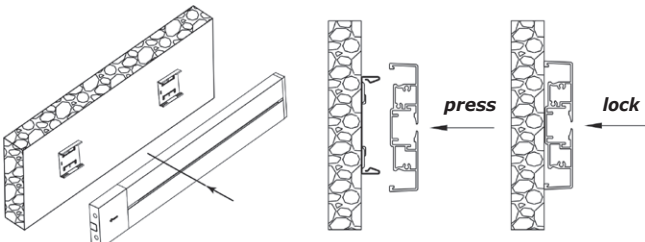
Threading the cable when installing at the left end.



Threading the cable for installation in other locations.



**16. Snap the rail onto the brackets.**



Take care not to damage or pinch the cables.

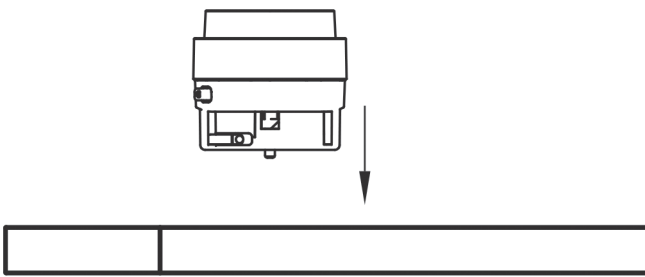
**17. Peel off the protective film on the power rail.**

**⚠ ATTENTION!**

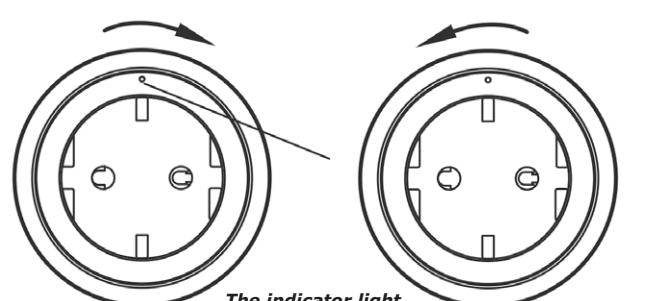
**When using 2.5 mm<sup>2</sup> copper wire, the maximum power is 3680 W. The rated power of the rail is determined by the cross-section of the connected cables.**

**18. Use of the socket outlet adapter.**

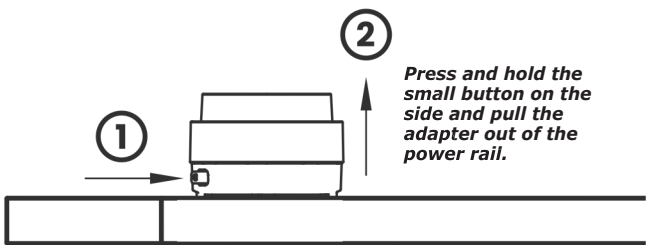
Adapt the profile of the adapter to the power rail and insert it in the desired position.



Turn to the right to switch on.



Turn to the left to switch off.



**⚠ WARNING!**

**Do not move the adapter if it is still in the rail. To change the position of the adapter, pull it completely out of the power rail and reinsert it in the new position on the power rail.**

**TECHNICAL DATA ADAPTER**

| Model             | MSPS0230/MSPW0230 |
|-------------------|-------------------|
| Diameter          | 62 mm             |
| Nominal voltage   | 250 V ~           |
| Max. Amperage     | 16,0 A            |
| Maximum power     | 3680 W            |
| Nominal frequency | 50 Hz             |
| Protection class  | IP20              |

| Modell           | MSPS0310/MSPW0310                                           |
|------------------|-------------------------------------------------------------|
| Diameter         | 62 mm                                                       |
| Input power      | 240 V ~ 50 Hz, 0.5 A                                        |
| USB-C output     | 5.0 V ~ 3.0 A, 9.0 V ~ 2.22 A, 12.0 V ~ 1.67 A, 20.0 W max. |
| USB-A output     | 5.0 V ~ 3.0 A, 9.0 V ~ 2.0 A, 12.0 V ~ 1.5 A, 18.0 W max.   |
| Protection class | IP20                                                        |

**CLEANING AND MAINTENANCE!**

- For cleaning, a normal dry cloth can be used to wipe the surface. For heavy soiling, a cloth with dishwashing liquid can be used for cleaning.
- It is essential to prevent water from entering the power strip
- The use of industrial cleaners, paint thinners, acetone and other flammable chemicals is strictly prohibited.

**PRECAUTIONARY MEASURES**

- Read the user manual to use the product correctly (damage caused by human intervention is not covered by the warranty).
- Please use the device in a dry environment.
- The operating temperature range is -5° C - 35° C.
- This product is suitable for safe use in areas with an altitude of 2,000 metres or less.
- Store the product properly and do not store it in areas with oil or dust.
- Keep the product away from fire and water, outdoor use is prohibited.
- Remove the protective plastic film from the surface of the product before use.
- Only use original accessories.
- Ensure that the load power of the power rail does not exceed the maximum power specified on the rating plate.
- The total load power of the adapter units must not exceed the maximum permissible power.
- Ensure that the adapter module and the power supply module are fully inserted into the power rail before use.
- Please do not move the adapter units around in the power rail. Remove the adapter and reinsert it into the rail if you need to change the position of the adapter in the power rail.
- Do not unplug the adapter from the socket if the adapter is still switched on. Switch off the adapter before removing it from the power rail.
- Please install the power rail at a height of at least 10 cm above the worktop.
- Please observe the laws and regulations of your country. The adapters and the power rail are not intended for every country. It is strictly forbidden to use accessories from other manufacturers.
- This product must not be used directly above open flames or high-temperature objects. Keep a safe distance of at least 1 metre from highly flammable objects, naked flames and high-temperature objects.
- It is strictly forbidden to connect this product to circuits without earthing cables.
- It is strictly forbidden to modify and manipulate components of the power rail.
- It is strictly forbidden to change the position of the adapters by pushing or pulling them.
- Ensure that the connections are wired correctly. It is strictly forbidden to install the rail horizontally on table tops, ceilings or similar locations.
- Installation / maintenance work may only be carried out by trained personnel.

**SAFETY WARNING**

- This product may only be used indoors.
- Do not use the product with wet hands.
- Do not overload the power rail.
- Do not allow any foreign objects to fall into the rail.
- Switch off the adapters when you are not using them.
- Keep out of the reach of children and pets.
- Do not use the product if it is damaged.
- Pull the plug out of the socket, switch off the fuses and call an electrician if sparks, smoke or odours come from the socket, the USB attachment or the rail.

**Disposal**

Do not dispose of batteries or electric and electronic devices in the normal household waste. The consumer is legally obliged to return electrical and electronic devices and batteries that are at the end of their useful life to the point of sale or public collection points that have been set up for this purpose. Legislation in the country of use governs individual details regarding disposal. The symbol on the product, the user guide or the packaging indicates this legal requirement.

**Disclaimer**

Schwaiger GmbH does not accept any liability or warranty for damages that are sustained due to improper installation or mounting, improper use of the product or non-compliance with the safety instructions.

**Manufacturer's information**

Dear Customer, please contact our Technical Support if you need technical advice and your retailer is unable to help you.

**Warranty**

The warranty period starts when the product is purchased. The purchase receipt, such as a till receipt, invoice or delivery slip, serves as proof of this date. Keep these documents in a safe place. Our warranty is based on our warranty conditions valid at the time of purchase.

**Office Hours**

(Technical Support in German)  
Monday to Thursday: 8:00 a.m. - 5:00 p.m.,  
Friday: 08:00 a.m. - 2:30 p.m.

# SERVICEKARTE / SERVICE CARD

## Abwicklungsformular für defekte Geräte

### Form for use in case of defective devices

Absender  
Sender

Bitte Blockschrift in GROSSBUCHSTABEN  
Please write in capitals

Name / Name

Vorname / Surname

Straße / Street

PLZ und Ort / Postal code and city

Telefon mit Vorwahl / Telephone with area code

E-Mail Adresse / E-mail address

Modell / Article:

Unterschrift des Käufers / Buyer's signature

#### Service-Adresse:

Schwaiger GmbH  
Würzburger Straße 17  
90579 Langenzenn

#### Service-Hotline:

+49 9101 702-299

#### Internet & Email:

[www.schwaiger.de](http://www.schwaiger.de)  
[hotline@schwaiger.de](mailto:hotline@schwaiger.de)

Bitte diese Seite dem defekten Gerät beilegen! /  
Please detach this side and add it to your device!