

(EN)



SCHUKO socket outlet + USB port

WL485x

SCHUKO socket outlet with USB port type C

(EN) Safety instructions



Electrical devices must only be installed and assembled by a qualified electrician in accordance with the relevant installation standards, guidelines, regulations, directives, safety and accident prevention directives of the country.

Failure to comply with these installation instructions may result in damage to the device, fire or other hazards.

Hazard due to electric shock. Do not operate the device without the application module.

These instructions are an integral component of the product and must be retained by the end user.

Design and layout of the device (Figure 01)



- ① Socket outlet insert
- ② Frame (not in scope of delivery)
- ③ Centre plate

Function



Correct use

- Mains voltage power supply of electronic devices with mains plug via SCHUKO socket outlet
- Charging of mobile devices such as smartphones, smartwatches, tablets, etc. via the relevant USB port type C
- Only suitable for use in indoor areas with no drip and no spray water
- installation into wall box with at least 40 mm depth

Product characteristics

- USB port short circuit proof and overload proof (electronic fuse)
- Installation in multiple combinations
- Connection of SCHUKO socket outlet and USB port to shared plug-in terminals

Application



Caution

The use of non-standardised charging cables and plugs can cause device malfunctions.

The devices may be destroyed.

- Use only approved charging cables and plugs.



If devices are connected to the USB port with their original charging cables, the charging control can recognise the devices and regulate the charging current.

Charging batteries of mobile end devices (Figure 02)

- Insert the type C USB plug on the charging cable into the USB charging socket.

The batteries of the connected device are recharged automatically.



Note the manufacturer's specifications for the connected device for the charging time and the charging characteristics of the batteries.

Installation and electrical connection



Danger

Electric shock when live parts are touched!

An electric shock can lead to death!

- Isolate all connection cables before working on the device and cover any live parts in the area!

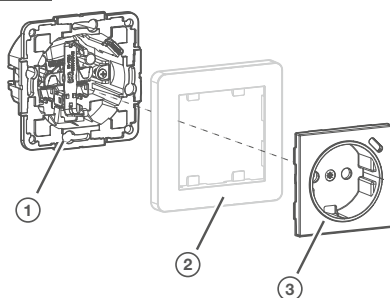
Connecting and installing the device

- ☑ A miniature circuit breaker max. 16 A has been installed as device protection.
- Connect the device (1) according to the connecting diagram (Figure 03).
- Place the device in the wall box (USB port at top) and secure with the countersunk wall box screws (≤ 0.7 Nm) or fastening claws.
- Attach frame (2).
- Attach centre plate (3) and secure with the screw.

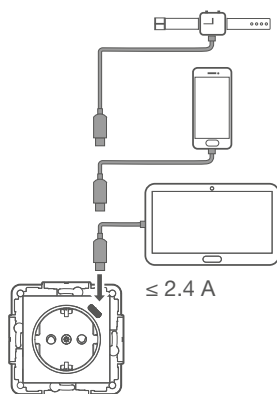


Depending on the installation location of the USB charging socket and the charge status of the connected device, a minimal amount of noise may occur during charging. This is especially important to consider when installing in sleeping rooms.

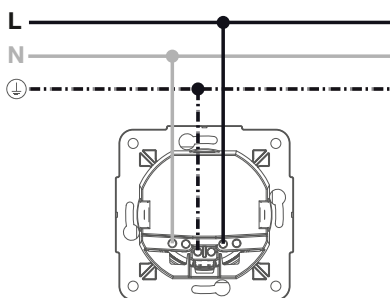
01



02



03





Technical data


Mounting orientation	USB port on top
Connecting terminals	2 x1.5 ... 2.5 mm ²
Degree of protection	IP20
Operating temperature	0 ... 35 °C
Storage/transport temperature	-20 ... 60 °C
Installation depth	32 mm

SCHUKO socket outlet

Nominal voltage	250 V~, 50 Hz
Miniature circuit breaker	≤ 16 A

USB port

Input voltage	230 V~ +20%/-15%, 50 Hz
Input current	≤ 0.2 A
Type C output	5.0 V≡ ±5% / 2.4 A
Rated output power	≤ 10.0 W
Max. output power	≤ 12.0 W



Overheating protection: In the event of overheating, the charging station switches off for a short time to cool down. The charging operation is resumed automatically.

Power dissipation (Standby consumption)	≤ 67 mW
Energy efficiency	≥ 82.8%
Energy efficiency at low load (10%)	≥ 77.5%
Charging protocols	BC1.2, Apple 2.4A, Samsung 2A