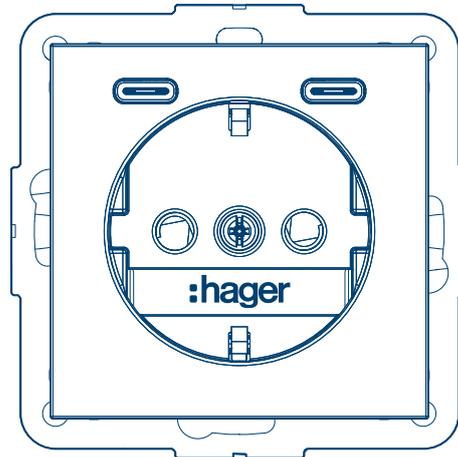


# SCHUKO socket outlet with USB port



SCHUKO socket outlet with USB port  
type C+C PD

**WAS4055xx**



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# 1 Safety instructions

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

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

**Danger 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.

## 2 Design and layout of the device (Fig. 01)

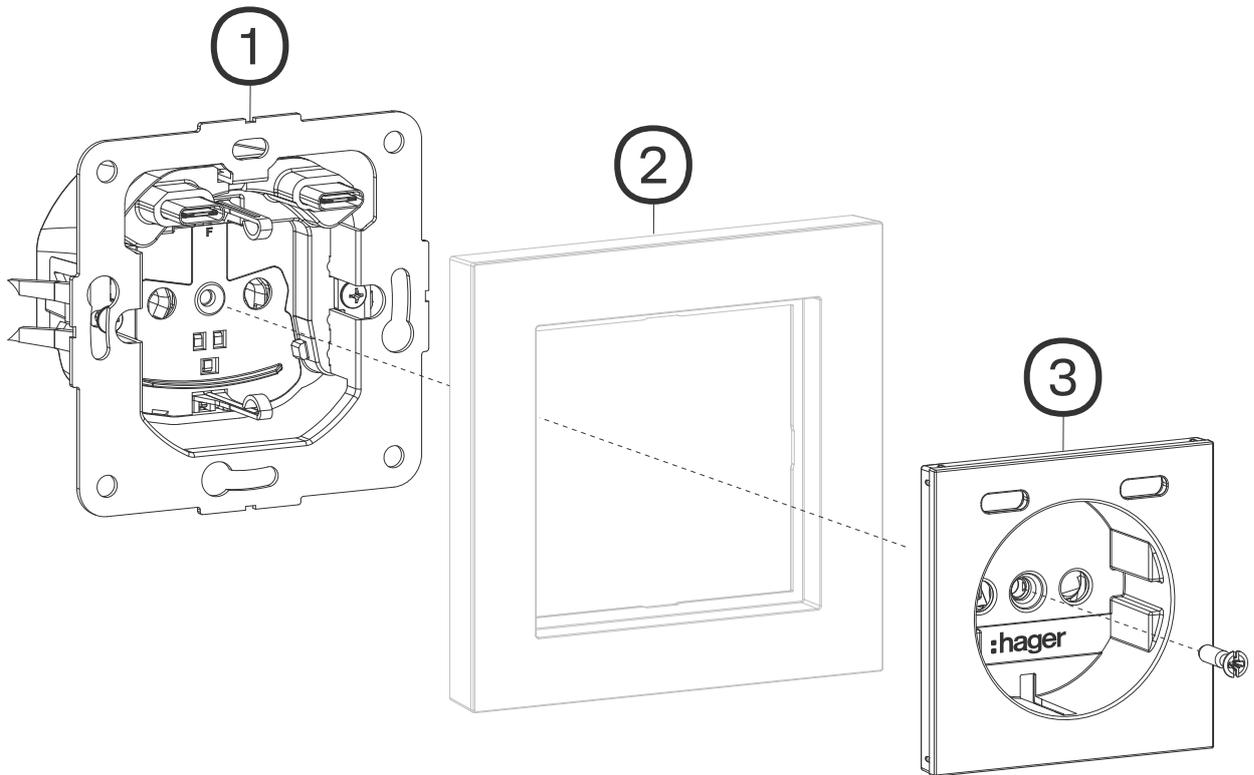


Fig. 1: Design and layout of the device

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

## **3 Function**

### **3.1 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 A or C
- Only suitable for use in indoor areas with no drip and no spray of water
- Installation into wall box according to DIN 49073-1 with at least 40 mm depth

### **3.2 Product characteristics**

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

## 4 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 ports with their original charging cables, the charging controller can recognise the devices and regulate the charging current.

### Charging batteries of mobile end devices (Figure 02)

- Insert the USB plug of the charging cable into the USB port.

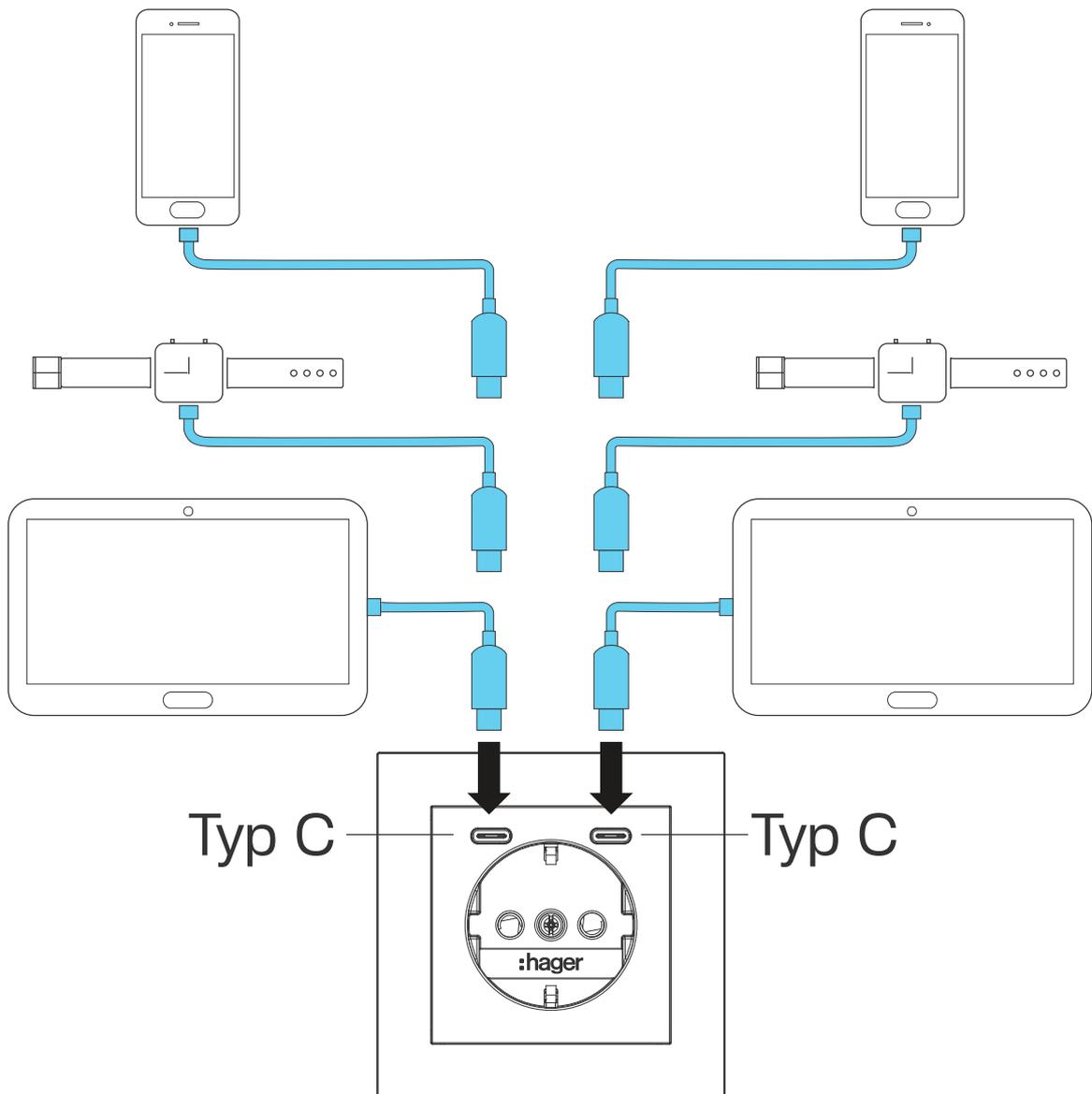


Fig. 2: Connecting USB devices

The batteries of the connected device are recharged automatically.



Observe the manufacturer's instructions for the connected device regarding the charging time and charging behaviour of the batteries.

If two devices are connected, the charging time may extend as the charging current is divided between the two ports.

## 5 Information for qualified electricians

### 5.1 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!

Connection and installation of the device

☑ A circuit breaker max. 16 A is installed to protect the appliance.

- Connect the device (1) according to the connecting diagram (Fig. 03).

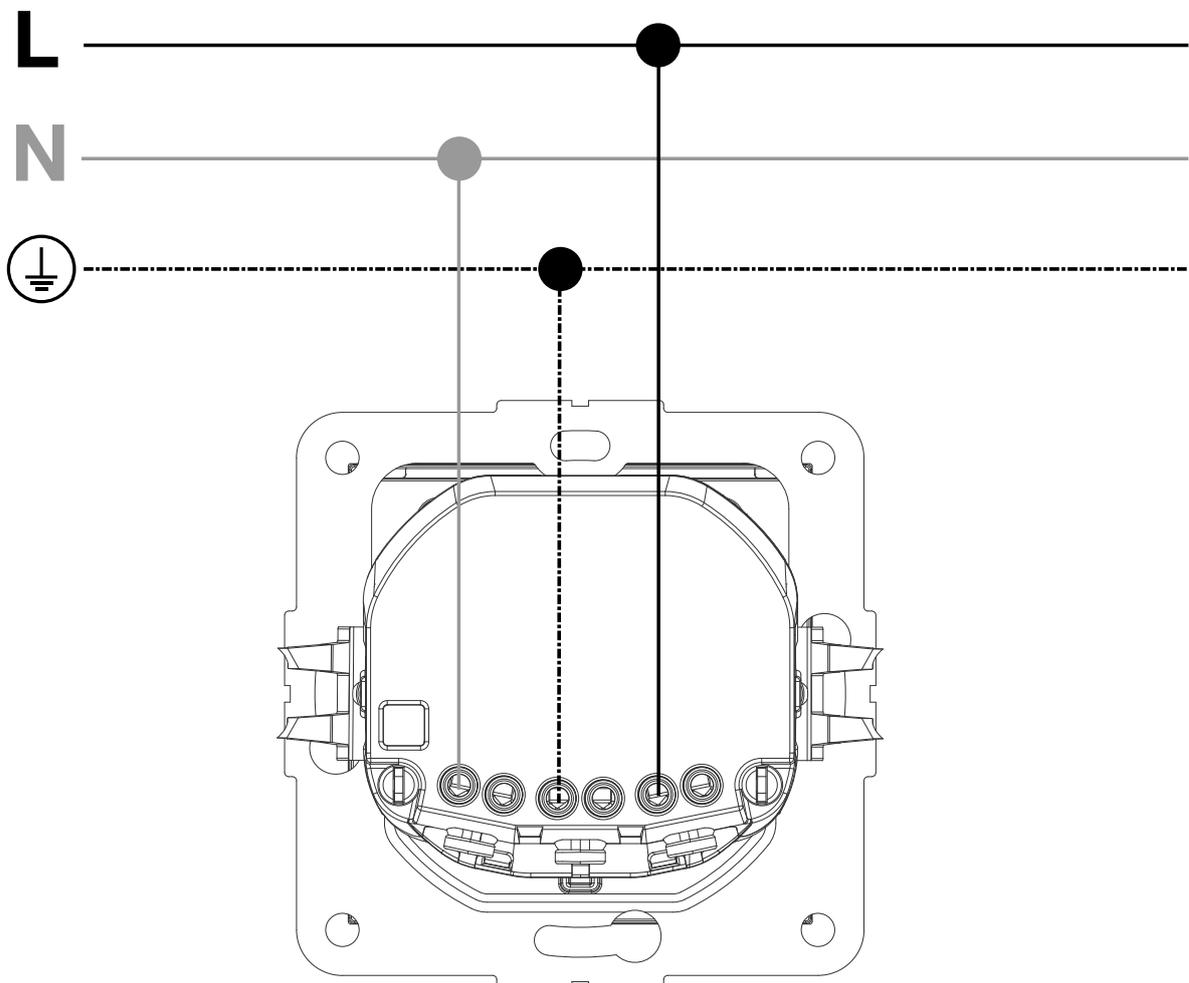


Fig. 3: Electrical connection

- Place the device in the wall box (USB port at top) and secure with the wall box screws or fastening claws.
- Attach frame (2).
- Attach centre plate (3) and secure with the screw.



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

## 6 Appendix

### 6.1 Technical data

Mounting orientation	USB port at top
Connecting terminals	2 x 1.5 ... 2.5 mm <sup>2</sup>
Degree of protection	IP20
Operating temperature	0 ... 35°C
Storage/transport temperature	-20 ... 60°C
Built-in depth	32 mm
<b>SCHUKO socket outlet</b>	
Nominal voltage	250 V~, 50 Hz
Miniature circuit breaker	≤ 16 A
<b>USB port</b>	
Input voltage	230 V~ +20%/-15%, 50 Hz
Input current	≤ 0.3 A
USB output	5.0 V <sub>DC</sub> ±5% / 3.0 A 9.0 V <sub>DC</sub> ±5% / 2.22 A
USB output power	≤ 20.0 W
Total USB output power	≤ 20.0 W
<div style="border: 1px solid black; padding: 5px; display: flex; align-items: center;"> <p>Overheating protection: In the event of overheating, the charging device switches off for a short time to cool down. The charging operation is resumed automatically.</p> </div>	
Power dissipation (Standby consumption)	≤ 70 mW
Energy efficiency	≥ 83.8%
Energy efficiency at low load (10%)	≥ 79.4%
Charging protocols	USB PD 3.0, BC1.2, QC3.0, Apple 2.4A, Samsung 2A



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