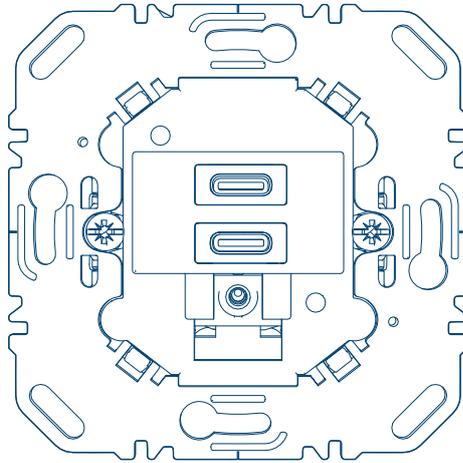


# Switch ranges

## USB charging socket



USB charging socket C+C 20 W PD  
**WAS4155xx, WTS4155xx**

CE

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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.

## 2 Function

The USB charging socket has two USB ports of type C [Fig. 1](#).

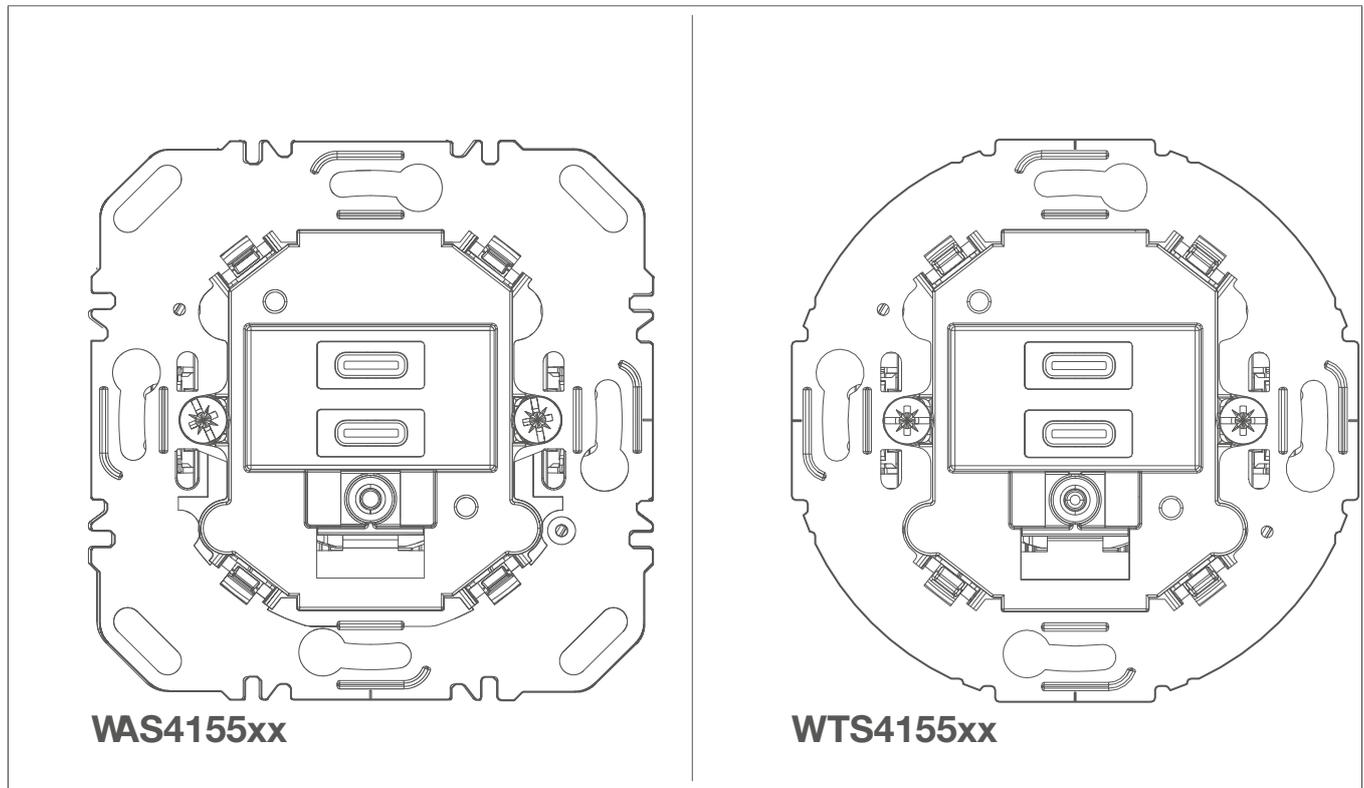


Fig. 1: USB charging socket

### 2.1 Correct use

- 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 of water
- Flush-mounted installation in appliance box to DIN 49073

### 2.2 Product characteristics

- Short-circuit-proof and overload-proof (electronic fuse)
- Installation in multiple combinations

### 3 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 with their original charging cables are connected to the USB ports, the charging socket can detect the devices and regulate the charging current.

**Charging the batteries of mobile devices**

- Insert the USB plug of the charging cable into the USB port.  
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 be longer as the charging current is divided between the two ports.

## 4 Information for qualified electricians

### 4.1 Installation and electrical connection



#### Danger

Electric shock when live parts are touched!

An electric shock can lead to death!

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

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

#### Install device

- 1 Connect the device according to the wiring diagram [Fig. 2](#).

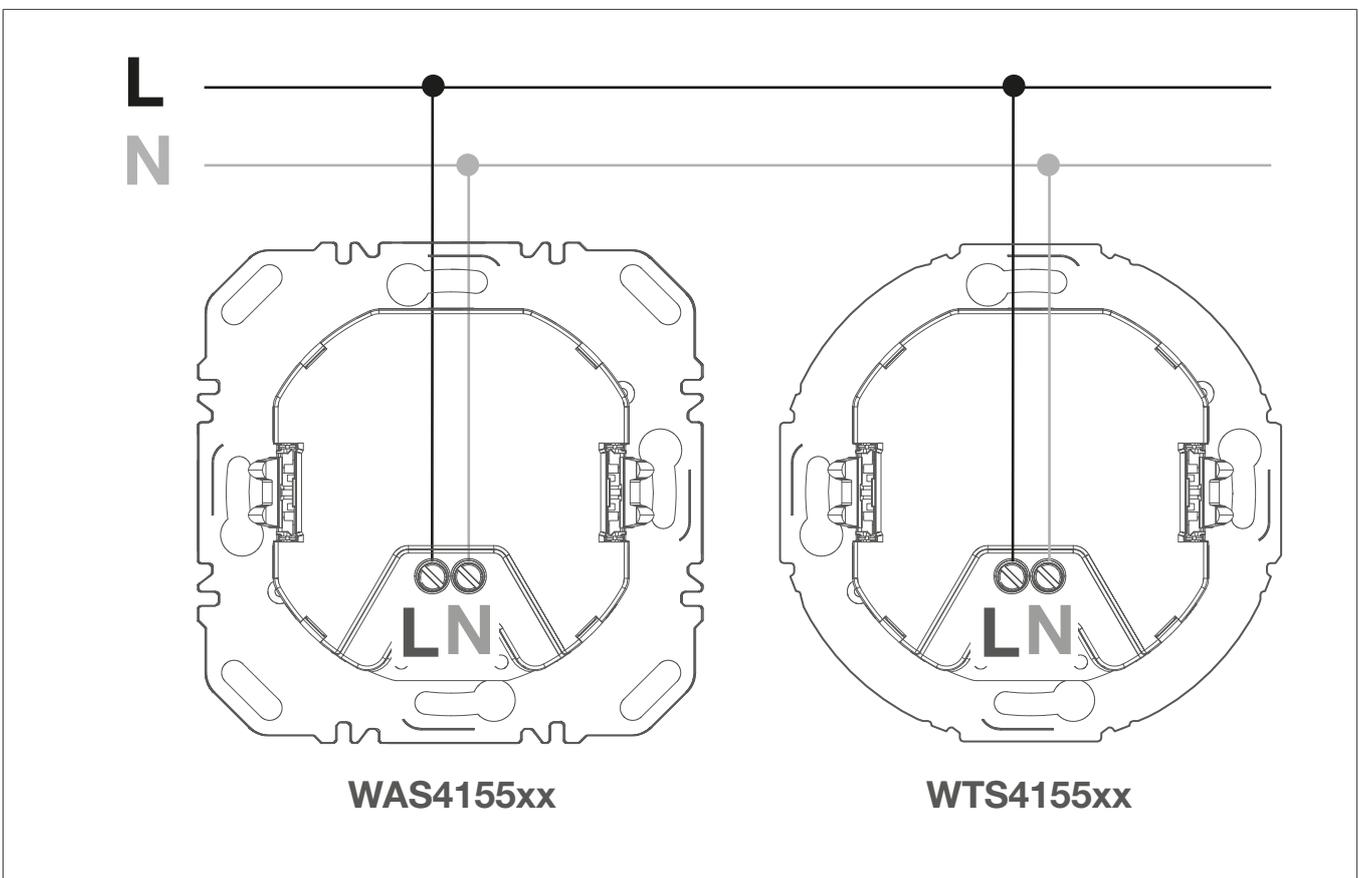


Fig. 2: Wiring diagram

- 2 Mount the device using claws or a support ring.

- 3 Align the frame and screw on the centre plate with TAE cut-out (required accessories) [Fig. 3](#) or [Fig. 4](#).

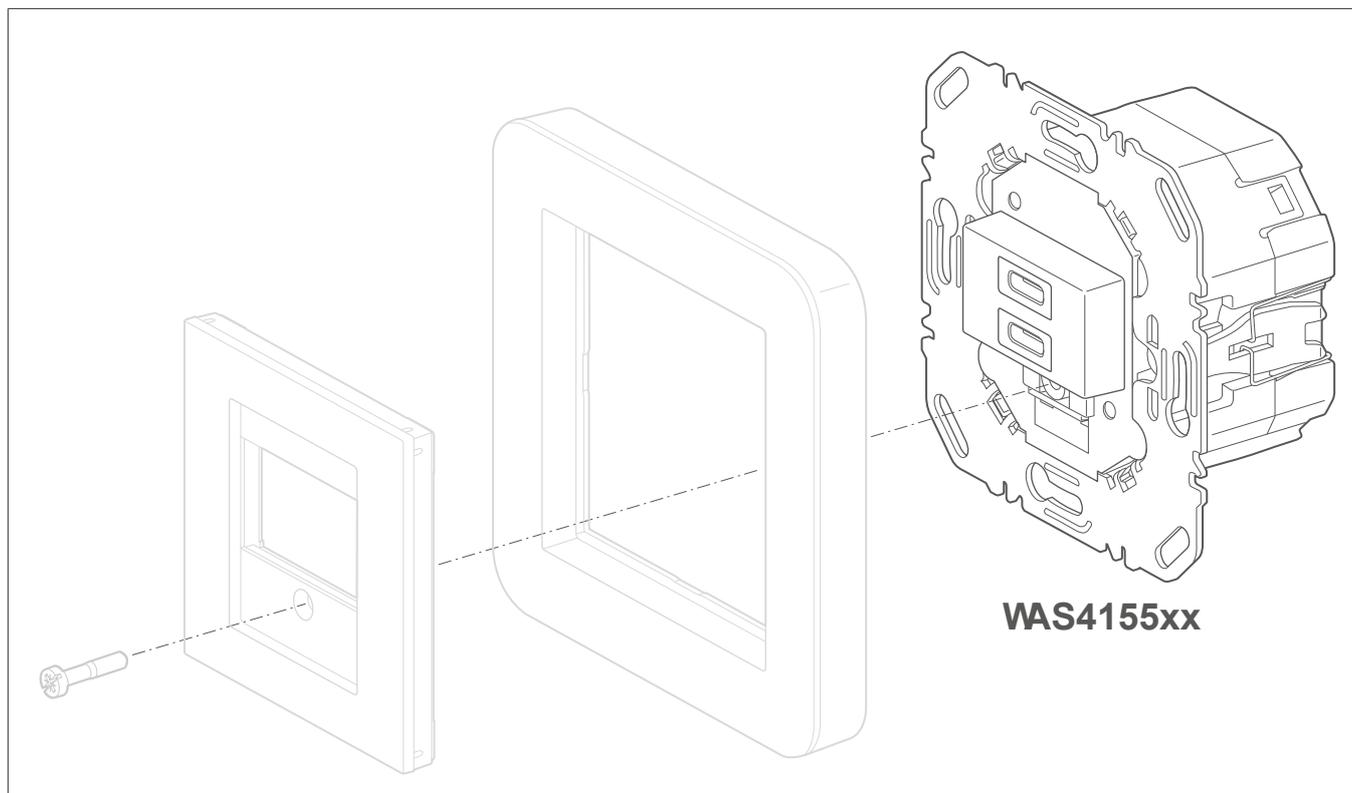


Fig. 3: Installation WAS4155xx

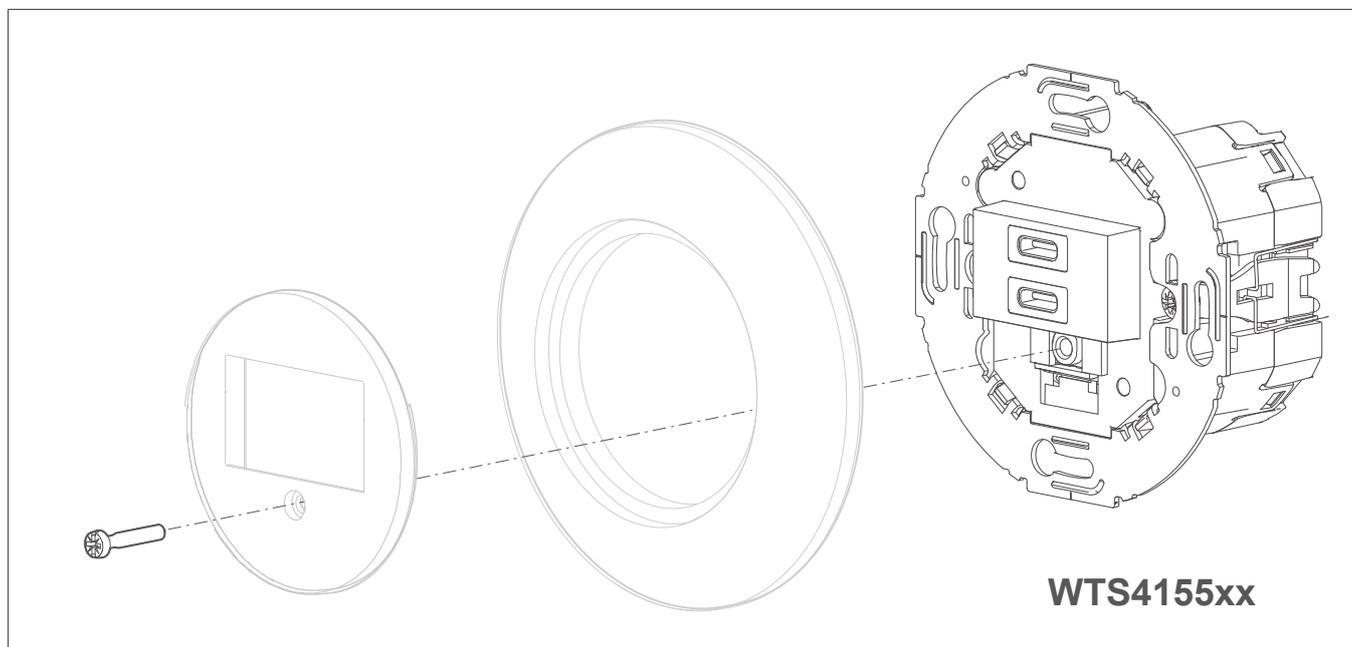


Fig. 4: Installation WTS4155xx

The USB charging socket is ready for operation when the mains voltage is switched on again.

## 5 Appendix

### 5.1 Technical data

Type of connection	Screw terminals
Conductor cross-section (flexible, with conductor sleeves)	1 x 2.5 mm <sup>2</sup> / 2 x 1.5 mm <sup>2</sup>
Conductor cross-section (rigid)	1 x 2.5 mm <sup>2</sup> / 2 x 1.5 mm <sup>2</sup>
Protection class	IP20
Impact resistance	IK04
Ambient temperature	-5 ... +35 °C
Transport/storage temperature	-20 ... +70 °C

Input:			
- voltage	230 V~, -15 % / +20 %		
- current	0.2 A		
- frequency	50/60 Hz		
Output:			
- voltage	5 V=	9 V=	12 V=
- current	3.0 A	2.22 A	1.67 A
- power	15 W	20 W	20 W
Efficiency:			
- in operation	86.1%	85.8 %	85.7%
- at low load (10%)	80.6%	73.2%	70.1%
Power consumption at no load	0.049 W		

### 5.2 Accessories

Centre plate with TAE cut-out	103xx
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### 5.3 Disposal note



**Correct disposal of this product (electrical waste).**

**(Applicable in the European Union and other European countries with separate collection systems)**

This marking shown on the product or its documentation indicates that it should not be disposed of with other household waste at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this device from other types of waste. Recycle the device responsibly to promote the sustainable reuse of material resources.

Household users should contact either the dealer where they purchased this product, or their local government office, for details of where and how they can take this device for environmentally safe disposal.

Commercial users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial waste for disposal.



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