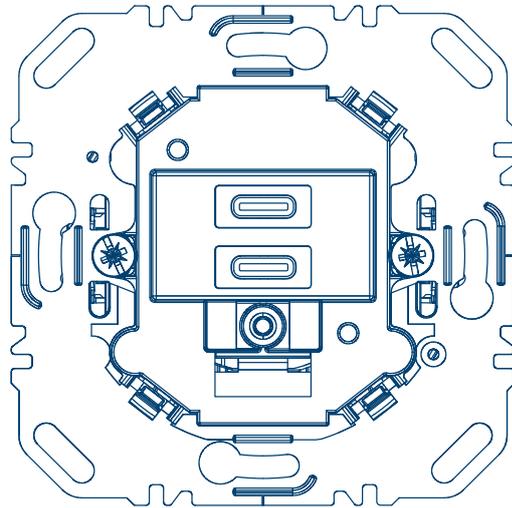


# USB charging socket



USB charging socket C+C 20 W PD

**2704xx, 92630xx**

USB charging socket A+C

**2604xx, 92620xx**



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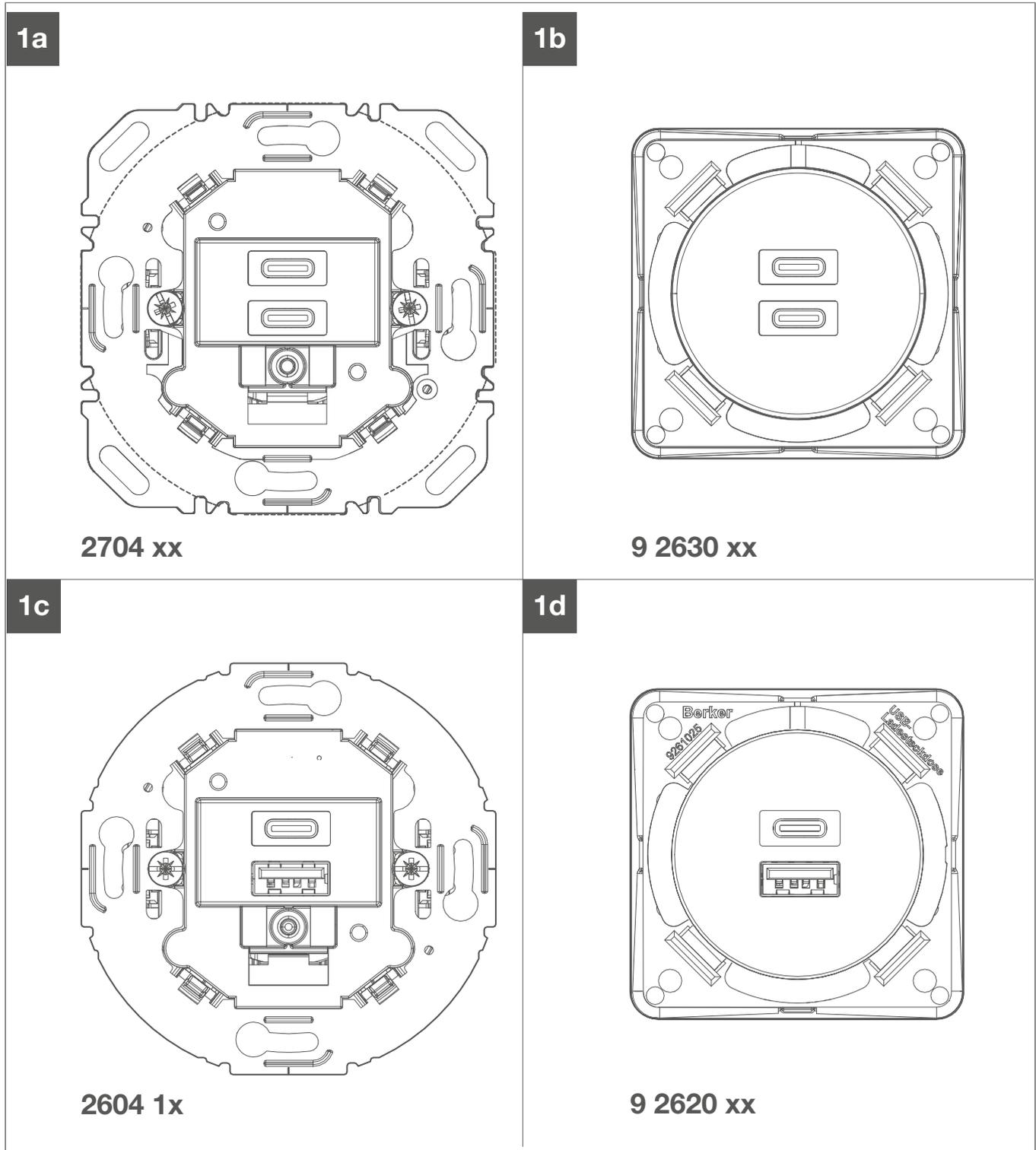
## 1 Safety instructions

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.

## 2 Function

Depending on the version, the USB charging socket has two USB sockets of type C (Figures 1a, 1b) or one USB socket each of type A and type C (Figures 1c, 1d).



## 2.1 Correct use

- 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
- **For order no. 2704xx, 2604xx:**  
flush-mounted installation in appliance box to DIN 49073
- **With order no. 92630xx, 92620xx:**  
Installation with contact protection boxes Ø 49 mm (accessories)

## 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!

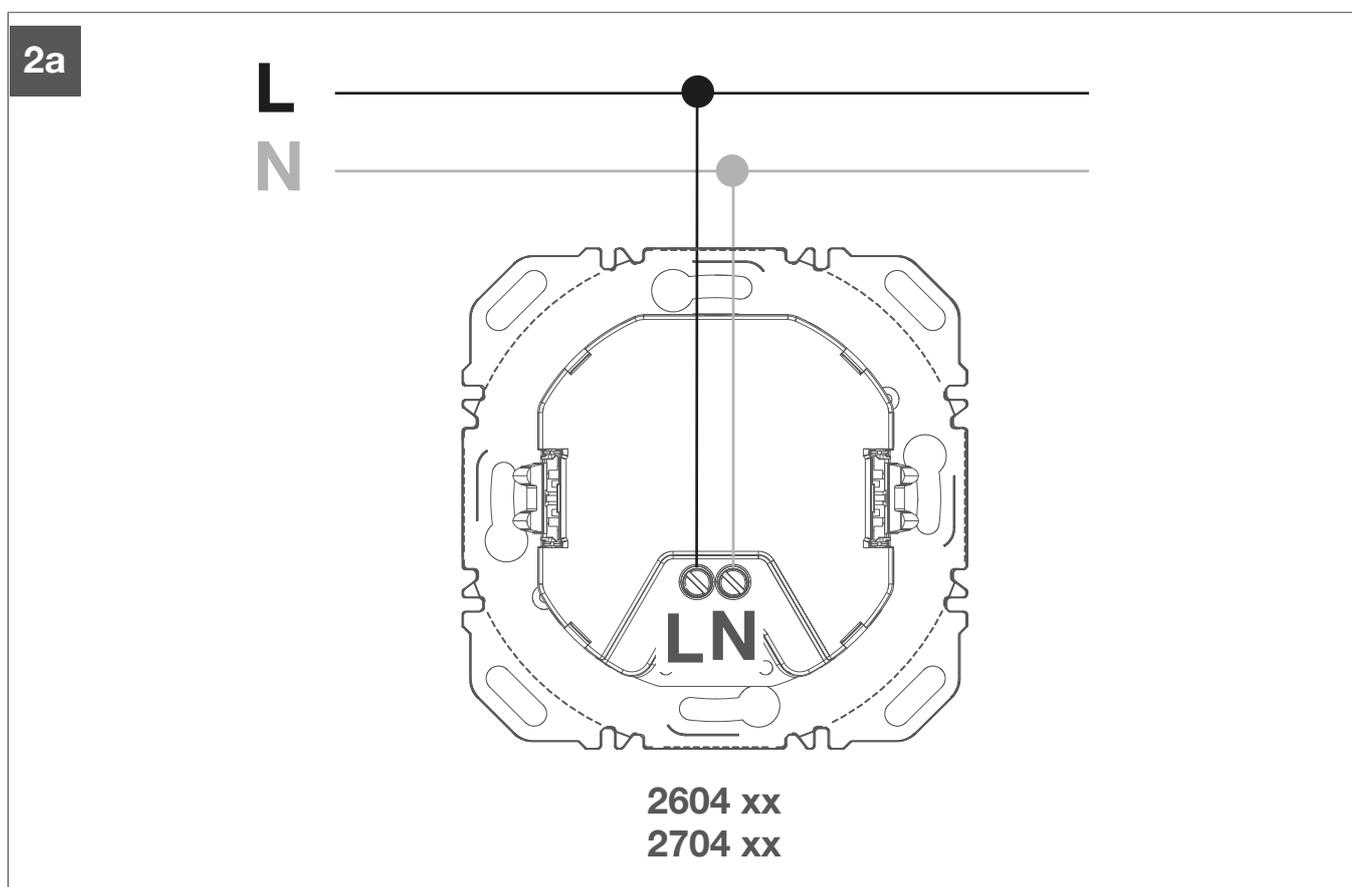
An electric shock can lead to death!

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

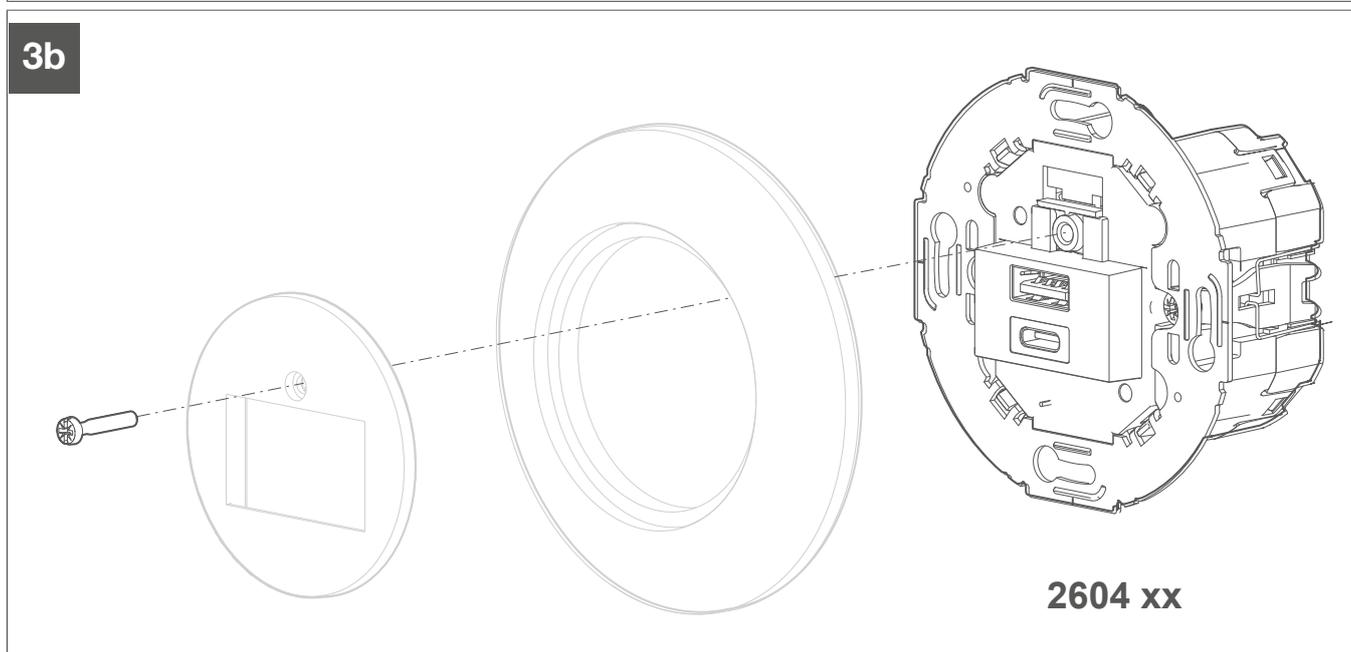
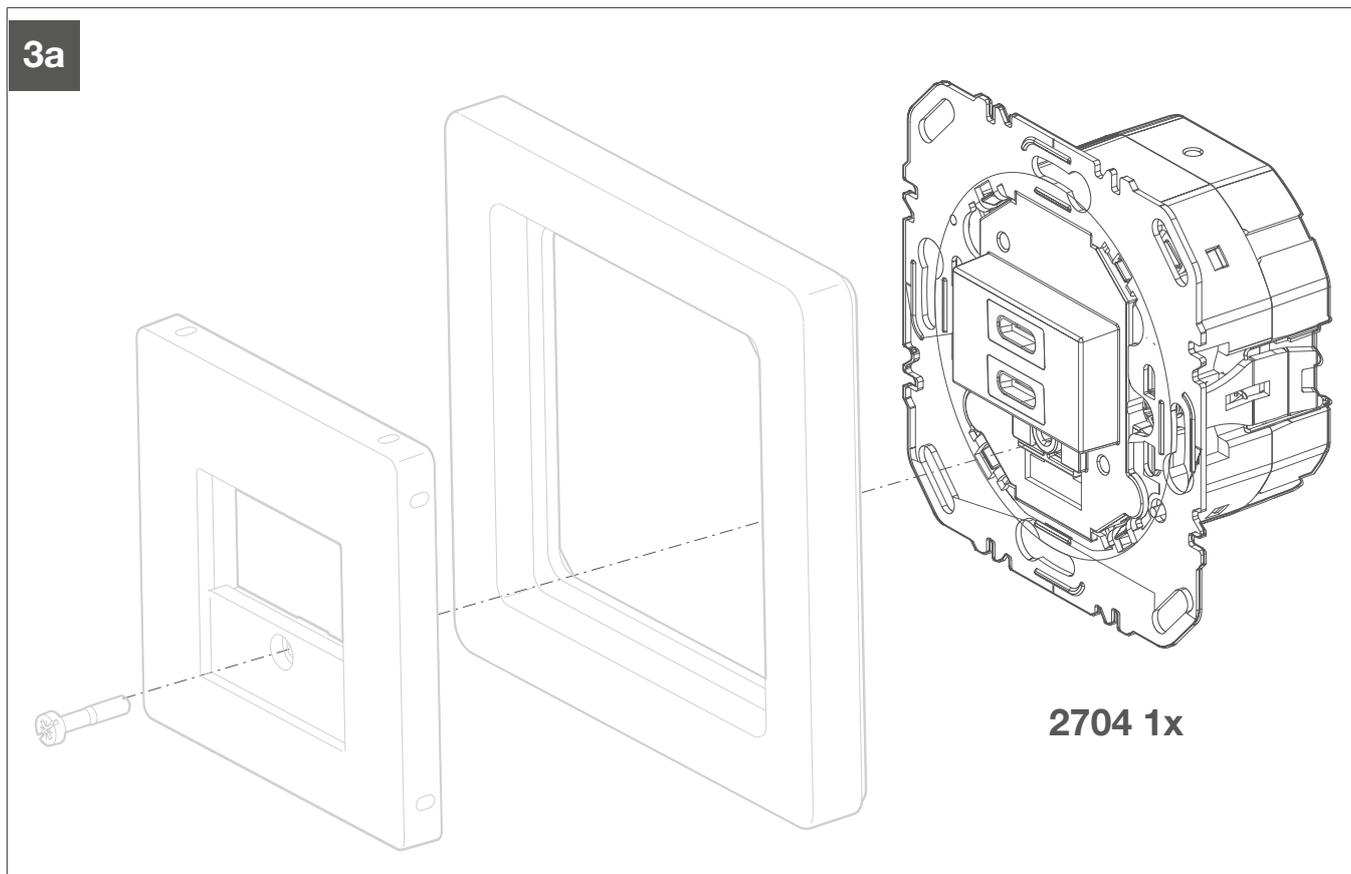
☑ A circuit breaker max. 16 A is installed to protect the appliance.

**Install device (order no. 2704xx, 2604xx)**

- 1 Connect the device according to the wiring diagram (Fig. 2a).

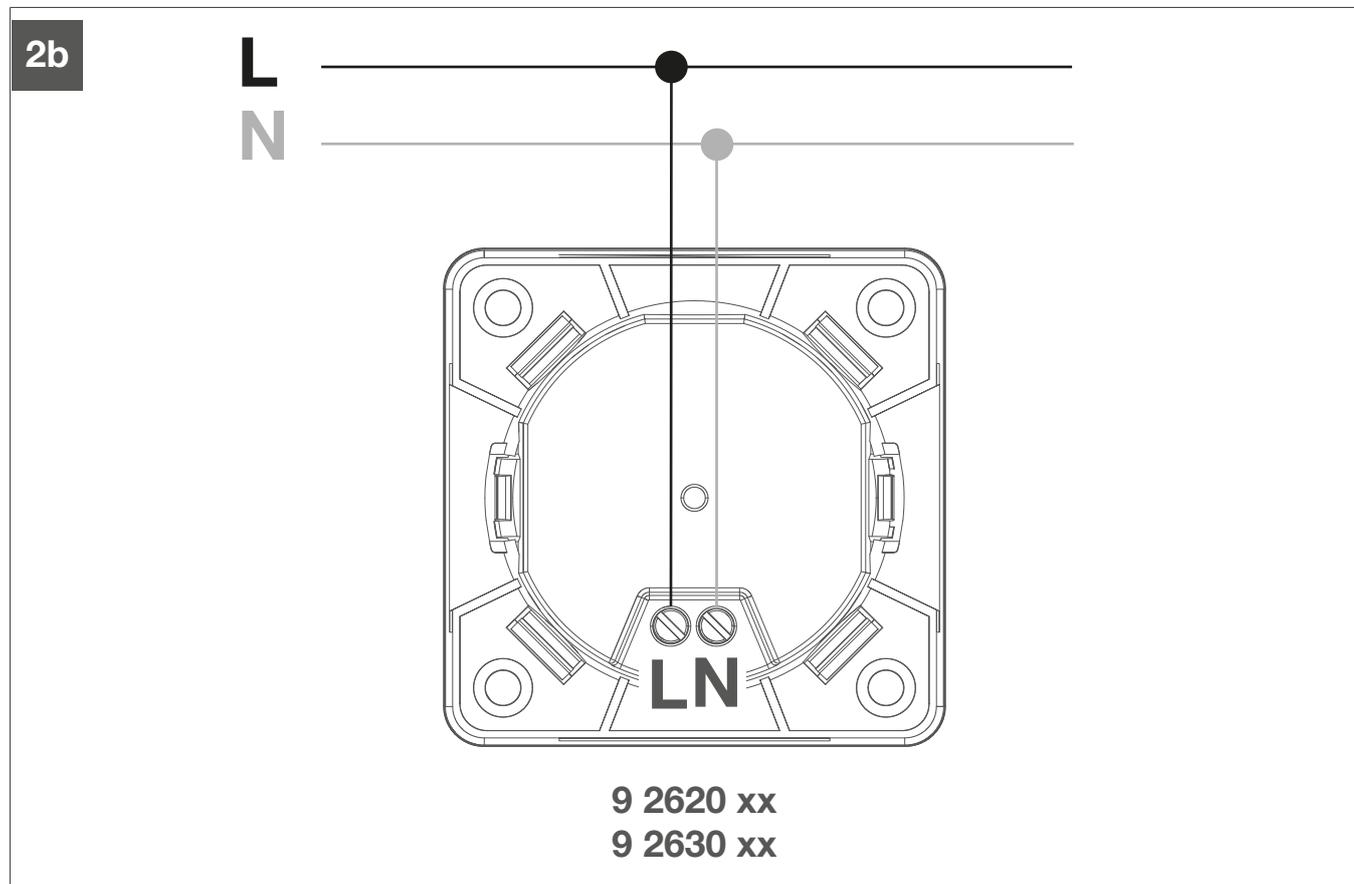


- 2 Mount the device using claws or a support ring.
- 3 Align the frame and screw on the centre plate with TAE cut-out (required accessories) (Fig. 3a, 3b).  
The USB charging socket is ready for operation when the mains voltage is switched on again.



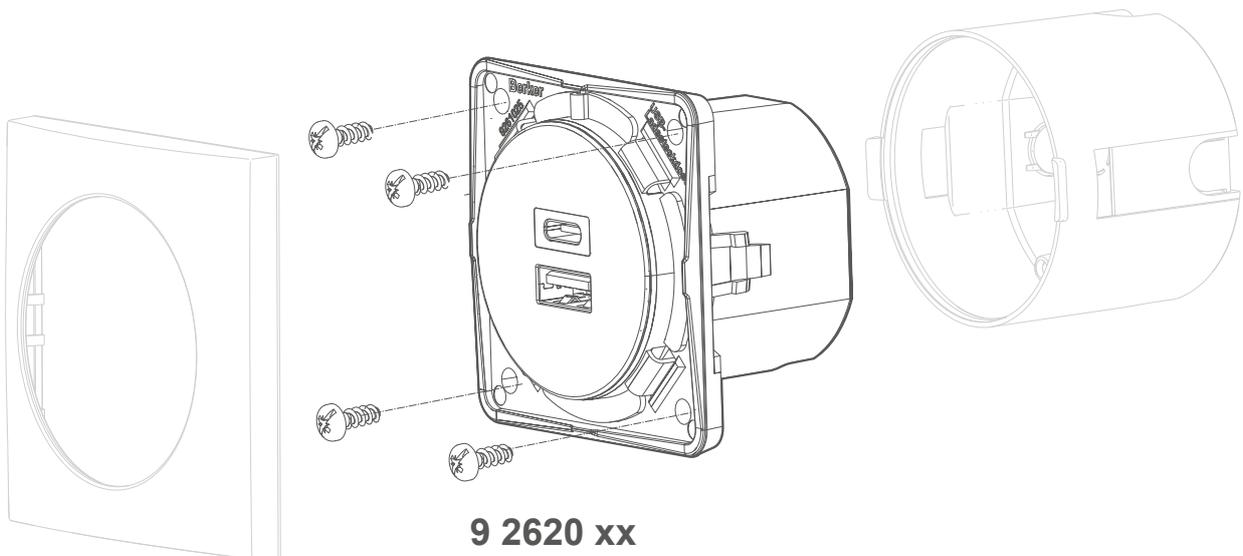
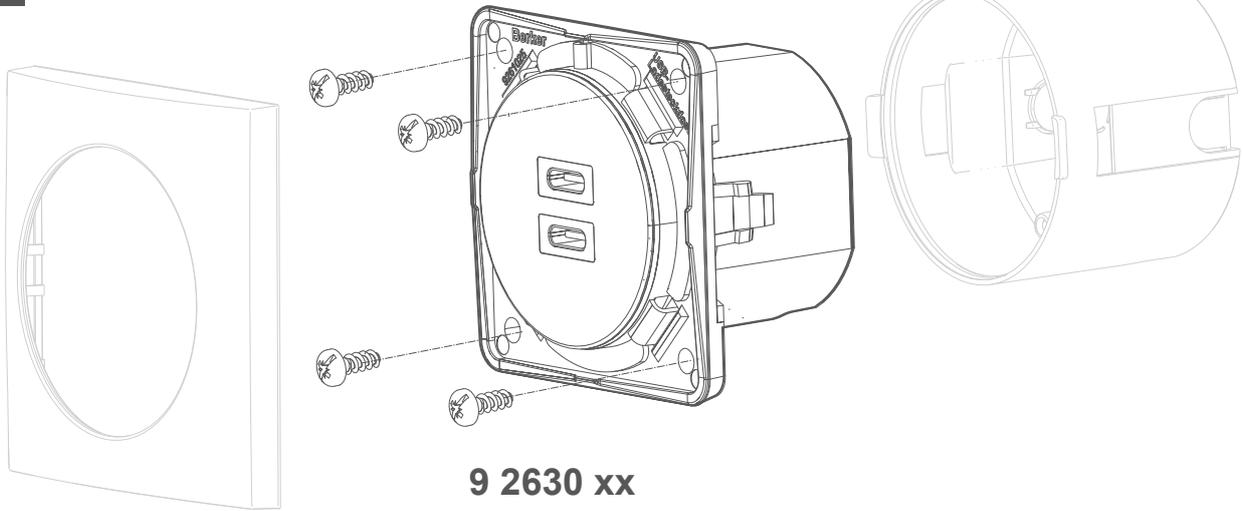
**Install device (order no. 92630xx, 92620xx)**

- 1 Connect the device according to the wiring diagram (Fig. 2b).



- 2 Optional: Attach the contact protection box  $\varnothing$  49 mm to the device (Fig. 3c).

3c



3 Mount the device over the support plate using M3 or M3.5 flat-head screws.

4 Snap the frame onto the support plate.

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

#### USB charging socket C+C

Input:	230 V~, -15 % / +20 % 0.2 A 50/60 Hz		
- voltage			
- current			
- frequency			
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		

#### USB charging socket A+C

Input voltage	230 V~ (-15 % / +10 %)
Frequency	50/60 Hz
Rated current at 230 V	0.2 A
Output voltage	5.0 V= (±5 %)
Output current when operating both sockets (total)	max. 3.0 A
Output current per socket	max. 3.0 A
Output power	15.0 W
Power consumption at no load	0.06 W
Operational efficiency	85.0 %
Efficiency at low load (10 %)	81.0 %

## 5.2 Accessories

Required for order no. 2704xx, 2604xx:

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Centre plate with TAE cut-out	103xx
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Recommended for order no. 92630xx, 92620xx:

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Contact protection box Ø 49 mm	91883, 9188701
Contact protection box 2-gang	919150xx
Contact protection box 3-gang	91933

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## 5.3 Warranty

We reserve the right to implement technical and formal changes to the product in the interest of technical progress.

Our products are under guarantee within the scope of the statutory provisions.

If you have a warranty claim, please contact the point of sale.



**Berker GmbH & Co. KG**  
Zum Gunterstal

66440 Blieskastel  
Germany

T +49 6842 945 0  
F +49 6842 945 4625  
info@berker.de  
**berker.com**