

## 230 V USB charging socket

Order no.: 2600 xx, 9 2600 xx

### Operation and installation instructions

#### 1 Safety instructions

Electrical equipment must only be installed and assembled by qualified electricians. Always follow the relevant accident prevention regulations.

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

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

#### 2 Structure of the device

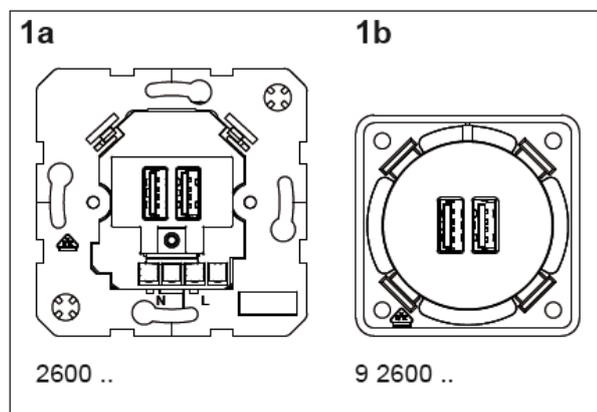


Figure 1

The 230 V USB charging socket has two vertical, parallel arranged USB jacks 2.0 type A (Figures 1a, 1b).

#### 3 Function

The 230 V USB charging socket makes it possible to charge rechargeable batteries of mobile end devices, with the charging process taking place exclusively via the USB connection. Mobile end devices include mobile telephones, PDAs, MP3 players, portable navigation devices, headsets.

The 230 V USB charging socket is available in two mounting versions:

- Order no. 2600 ..: for flush-mounting or mounting in hollow walls
- Order no. 9 2600 ..: for mounting in living-room furniture, desks, kitchens, etc.

##### Intended use

- Only suitable for use in indoor areas.
- Can be used in multiple combinations
- Flush-mounting in wall box according to DIN 49073 with order no. 2600 ..
- Built-in mounting in contact protection boxes with  $\varnothing$  49 mm with order no. 9 2600 .. (accessories)

## 4 Operation

**CAUTION!**

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

The devices may be destroyed.

Use only approved charging cables and connectors.

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**CAUTION!**

Twisting or tilting the connector can cause malfunctions.

The contacts can be damaged.

Insert connectors into the jack in the correct orientation, straight and without using force.

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### Charging rechargeable batteries of mobile end devices

- Insert USB connector of the charging cable into one of the two jacks of the 230 V USB charging socket.  
The rechargeable batteries of the connected device are recharged automatically.
- i** At the same time the rechargeable batteries of a second end device can be charged via the socket that is still unoccupied. Observe the maximum output current (see Technical Data).
- i** When 1 or 2 devices are connected that in aggregate require a charging current of more than 1.4 A, the charging time according to the manufacturer's specifications for the devices may be exceeded and trip the overload protection.
- i** Note the manufacturer's specifications for the connected device for the charging time and the charging characteristics of the rechargeable batteries.

## 5 Information for electricians

### 5.1 Installation and electrical connections

**DANGER!**

Touching live parts can result in an electric shock.

An electric shock can lead to death.

Before working on the device or load, disconnect all associated circuit breakers.

Cover all live parts in the area!

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## Installing the 230 V USB charging socket

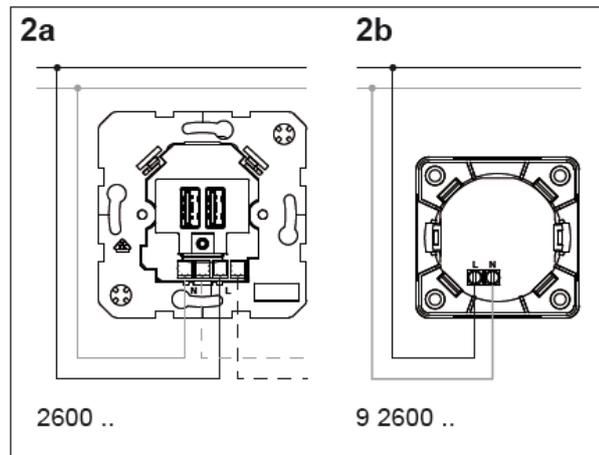


Figure 2

- Connect device acc. to wiring diagram (Figure 2a, 2b).
- ① The 230 V USB charging socket, order no. 2600 .., has one **L** and **N** connection each for the wiring of further devices (Figure 2a, dashed).
- Mount device with order no. 2600 .. via claws or supporting ring.
- Mount device with order no. 9 2600 .. via the centre plate with size M3 or 3.5 pan head screws (snap optional Ø 49 mm contact protection box onto the device ahead of time).

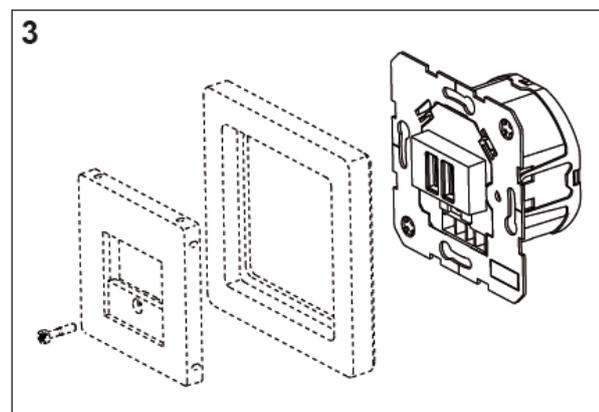


Figure 3

- Place frame over device with order no. 2600 .. and screw centre plate for TAE socket (accessory) (Figure 3) **or**:
- Snap frame on the centre plate of order no. 9 2600 ..  
The USB charging socket is ready for operation once the mains voltage has been switched on again.

## 6 Accessories

### For order no. 2600 ..:

Centre plate for TAE socket outlet 103 ..

### For order no. 9 2600 ..:

Contact protection box Ø 49 mm 9 1883, 9 1887 01  
 Contact protection box 2gang 9 1915 0..  
 Contact protection box 3gang 9 1933

## 7 Appendix

### 7.1 Technical data

Ambient temperature	-5 to +40 °C
USB jacks	2.0 type A
Input voltage	100 - 240 V AC
Rated current	
- 100 V	0,2 A
- 230 V	0,1 A
Frequency	50/60 Hz
Output voltage	5 V DC (+/- 5%)
Power consumption (standby)	max. 100 mW
Type of connection	Screw terminals
Conductor cross-section	max. 2,5 mm <sup>2</sup>
Protection class	II

#### 230 V USB charging socket

**Order no. 2600 ..**

Output current max. 1 A per jack  
1,4 A both jacks

#### 230 V USB charging socket

**Order no. 9 2600 ..**

Output current max. 500 mA

### 7.2 Warranty

We reserve the right to make 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 or ship the device postage free with a description of the fault to the appropriate regional representative.

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