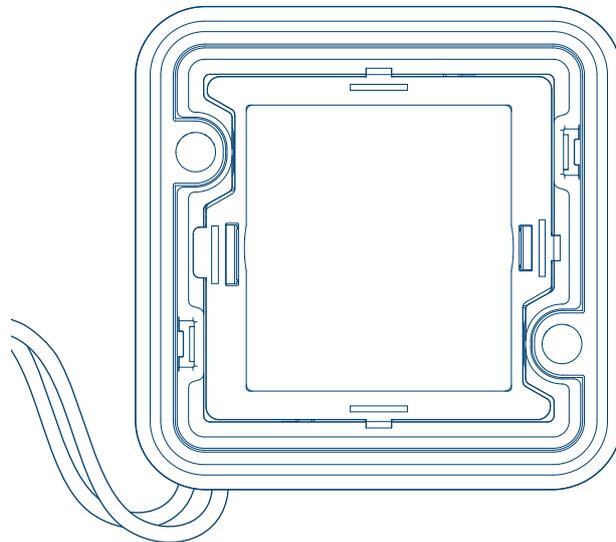


Assembling and installation instructions

# Switches and systems

## Frame illuminated



W.1/cubyko cover frame 1-/2-gang, illuminated  
**WNA69x, WNA71x**

CE

**:hager**

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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.

Hazard due to electric shock. Disconnect before working on the device or load. Take into account all miniature circuit breakers that supply dangerous voltages to the device or load.

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

## 2 Design and layout of the device

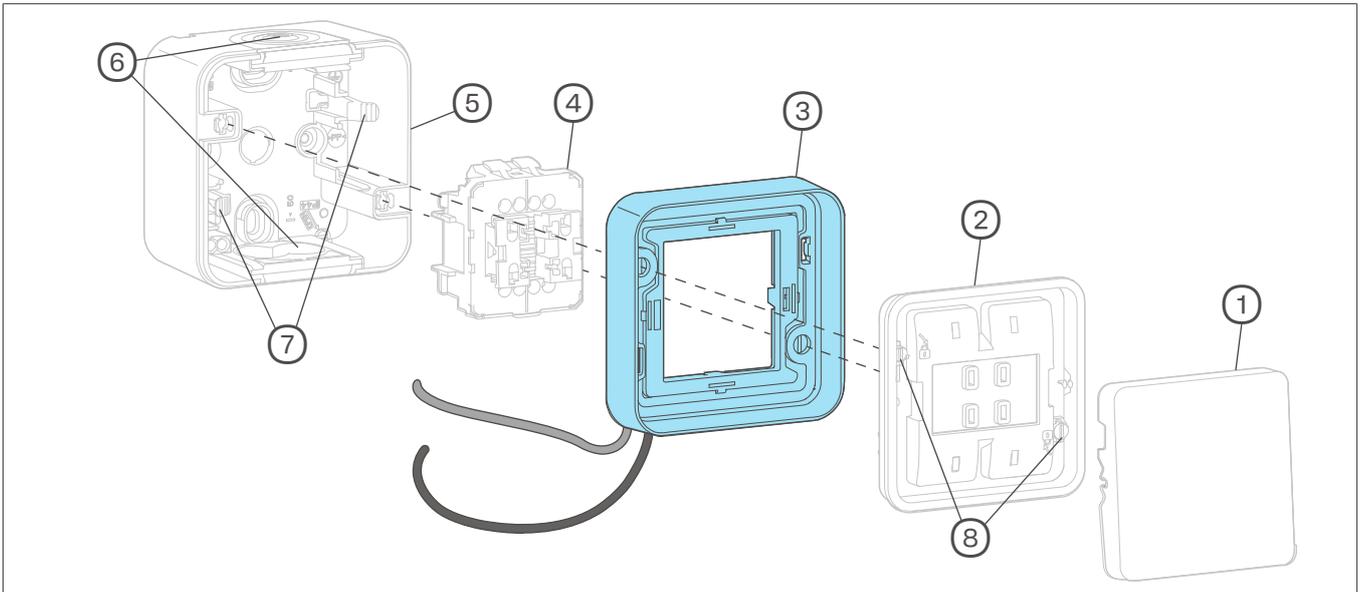


Fig. 1: Design and layout of the device

- ① Rocker with notches<sup>[1]</sup>
- ② Sealing<sup>[1]</sup>
- ③ Illuminated frame
- ④ Switch insert<sup>[1]</sup>
- ⑤ Lower casing<sup>[1]</sup>
- ⑥ Cable entry<sup>[1]</sup>
- ⑦ Mountings for fixation of the insert<sup>[1]</sup>
- ⑧ Quick-release bayonet connectors<sup>[1]</sup>

<sup>[1]</sup> Not included in the scope of delivery!

## **3 Function**

### **3.1 Correct use**

The illuminated cover frame is to be used for permanent lighting, orientation lighting or control lighting of switches or push buttons of the surface-mounted splash-protected range W.1/cubyko:

- only suitable for surface mounting on 1-/2-gang housing bottom parts of the W.1/cubyko product line.

## 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!

#### Preparing the connections

☑ Switch or push button is assembled.

- 1 Remove the rocker (1) on the notch (A) from the surface-mounted device using a screwdriver (B) (Fig. 2).

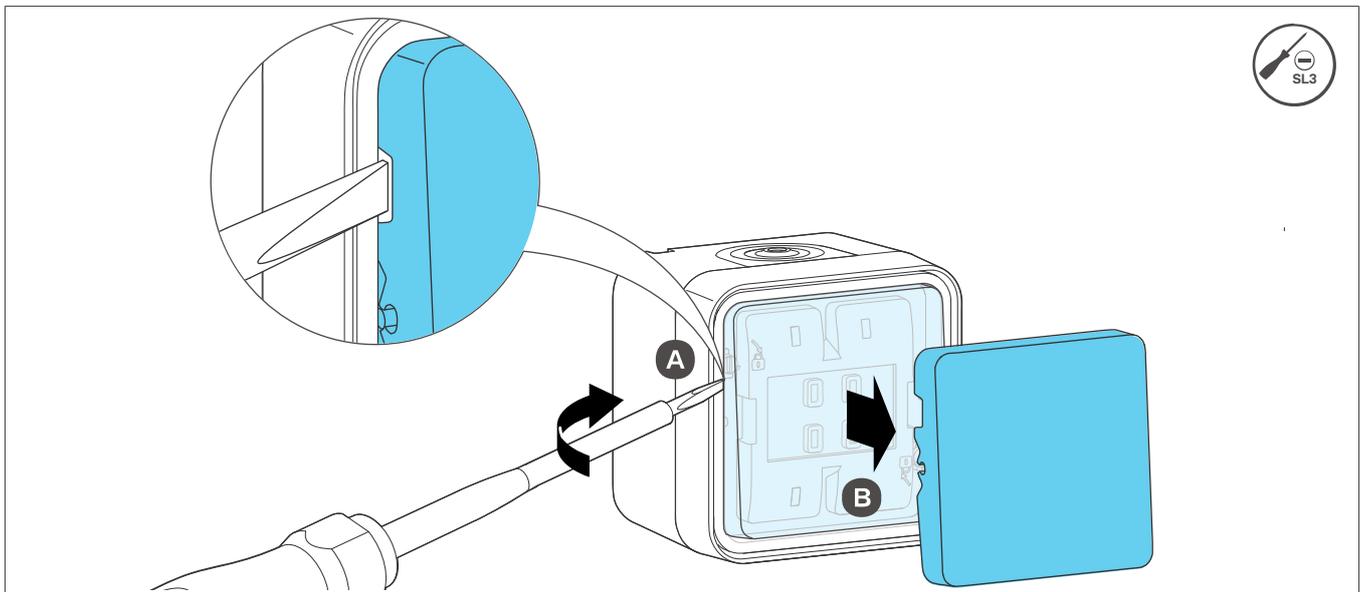


Fig. 2: Remove the rocker

- 2 Unlock quick-release bayonet connectors (8) by a  $\frac{1}{4}$  turn to the left with a screwdriver (Fig. 3).

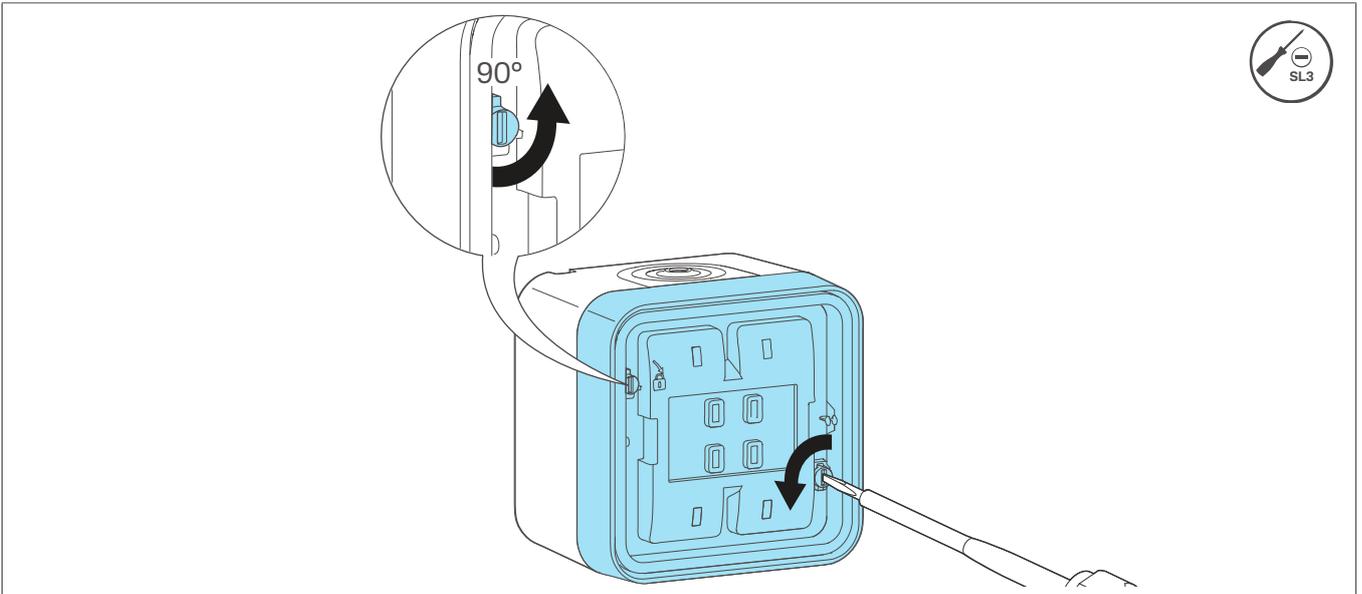


Fig. 3: Unlock the quick-release bayonet connectors

- 3 Remove the cover frame (3) from the surface-mounted housing (A) and separate the sealing (2) from the cover frame (B) (Fig. 4).

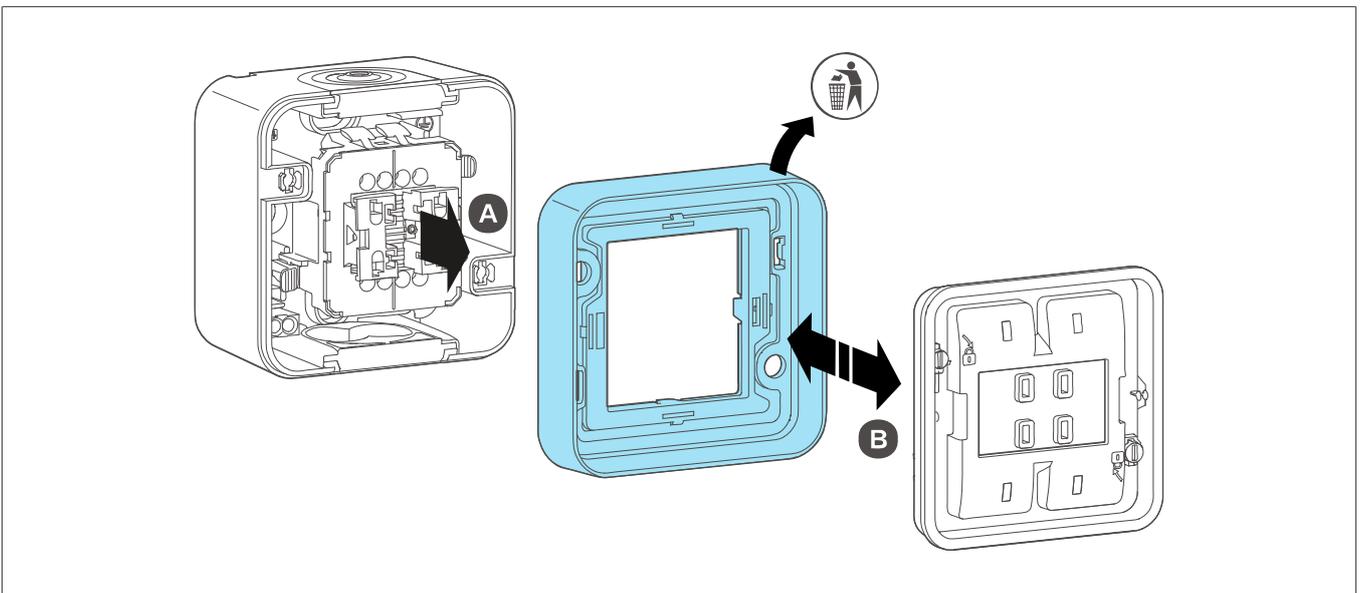


Fig. 4: Remove the cover frame and sealing

**Note**

The cover frame is replaced by the illuminated frame (3) and is no longer required.

- 4 Press the brackets (7) outwards on each side (A) and remove the insert (4) from the housing bottom part (B) (Fig. 5).

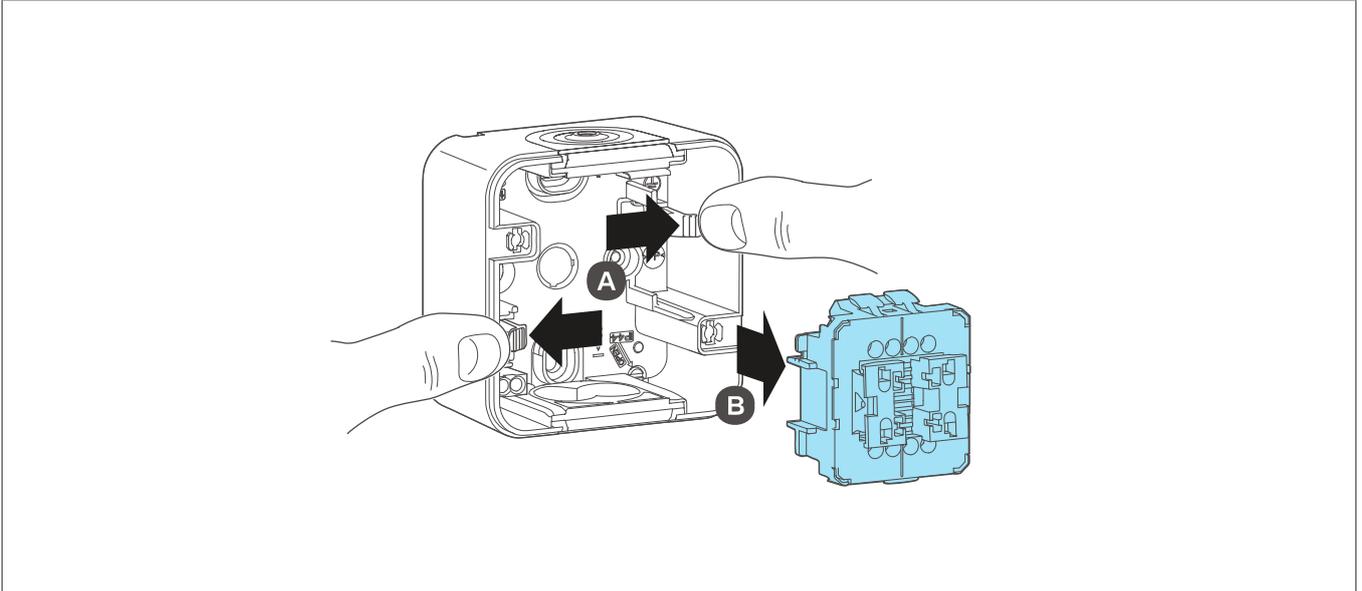


Fig. 5: Remove the insert

### Connecting the insert and the illuminated cover frame

The illuminated cover frame can be connected for three different types of application:

#### - Permanent lighting:

The cover frame is illuminated permanently regardless of the switching state of the connected light (Fig. 6). This is necessary, for example, for installations in connection with escape routes and other safety-relevant systems.

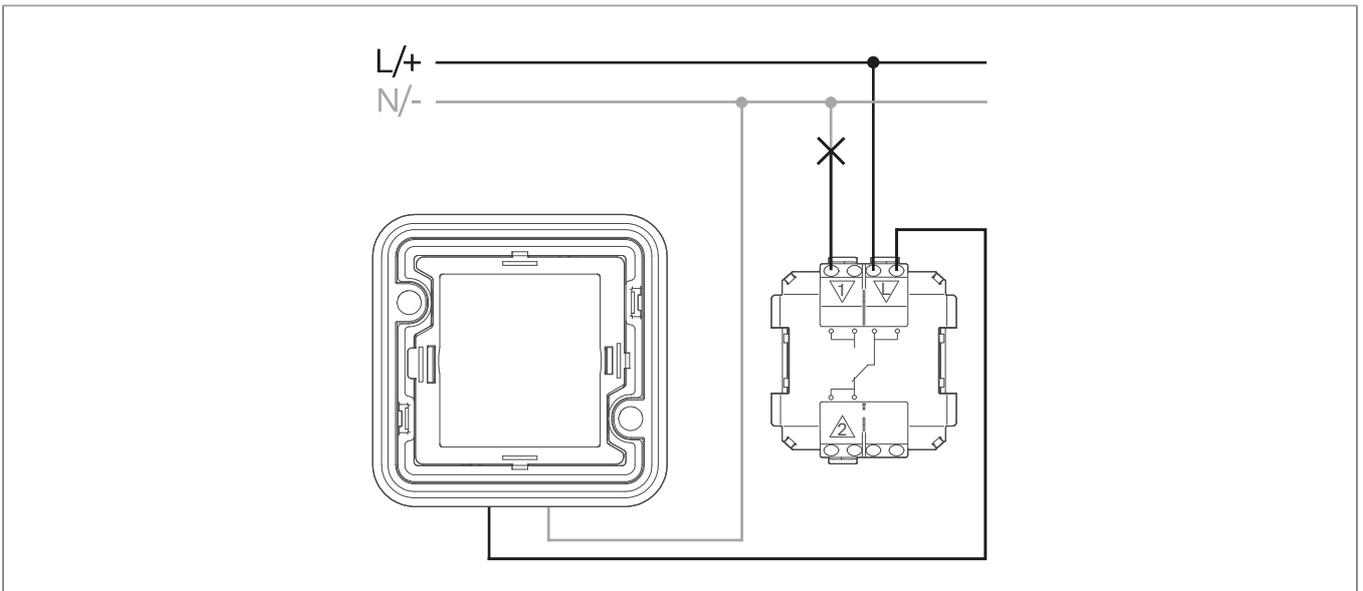


Fig. 6: Connection diagram for permanent lighting

- **Control lighting:**

If the light is switched **OFF**, the cover frame is unilluminated. After switching the light **ON**, the cover frame is illuminated (Fig. 7). This is used if the operating section is outside the room where the lighting is to be switched.

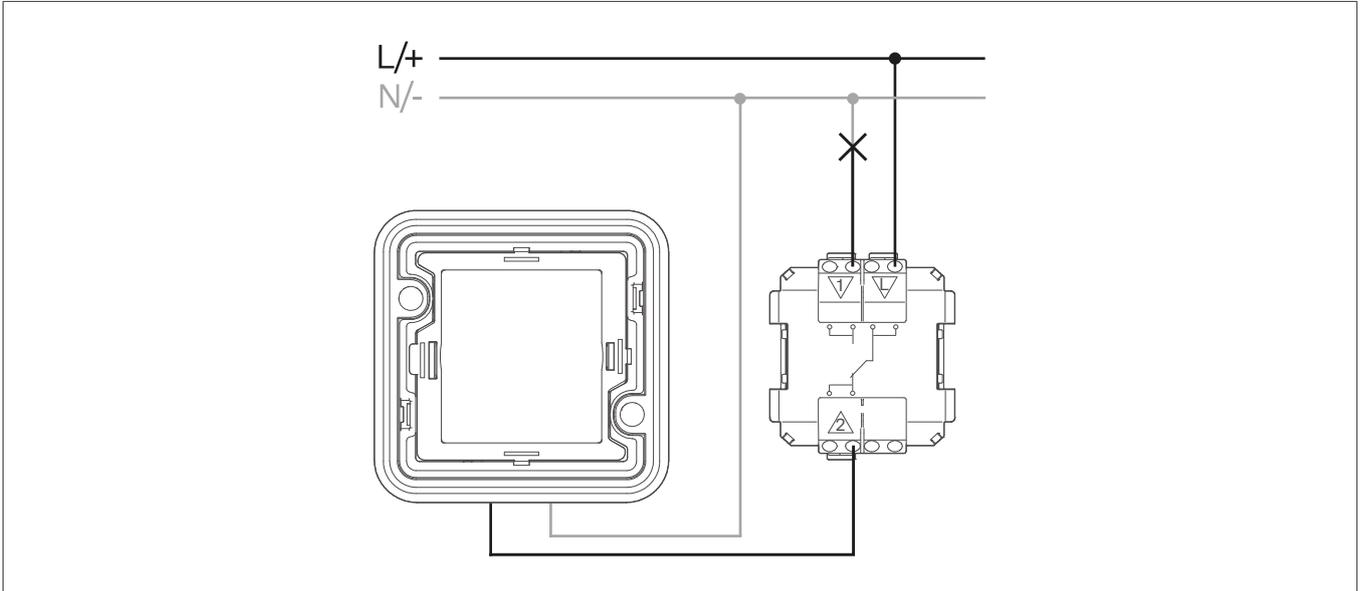


Fig. 7: Connection diagram for control lighting

- **Orientation lighting:**

If the light is switched **OFF**, the cover frame is illuminated. After switching the light **ON**, the cover frame is unilluminated (Fig. 8). This can be applied in rooms without daylight, such as cellars, garages or similar.

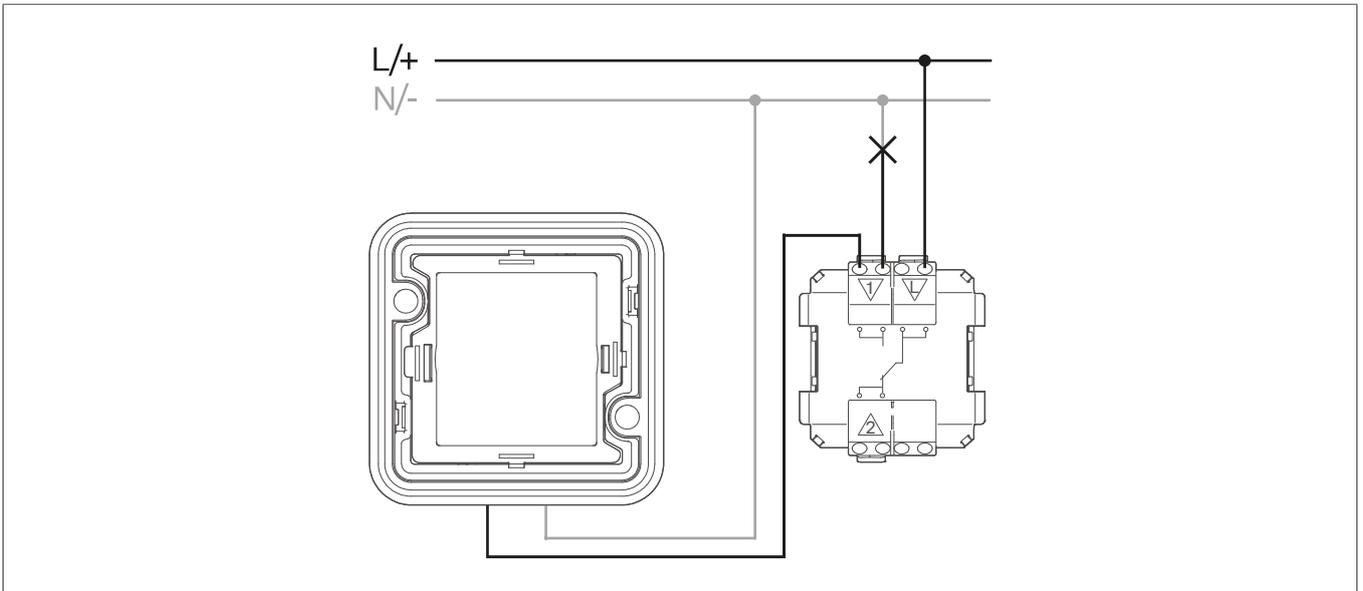


Fig. 8: Connection diagram for orientation lighting

- ☑ The housing bottom part is mounted on the wall.
- 1 Remove the cable entry (6) top/bottom from the housing bottom part depending on the laid lead (A) (Fig. 9, left).
- 2 Push the lead through the cable entry (B) and insert the cable entry into the housing bottom part again (C) (Fig. 9, left).
- 3 Wire the phase and load line with insert (4) (D) (Fig. 9, right).

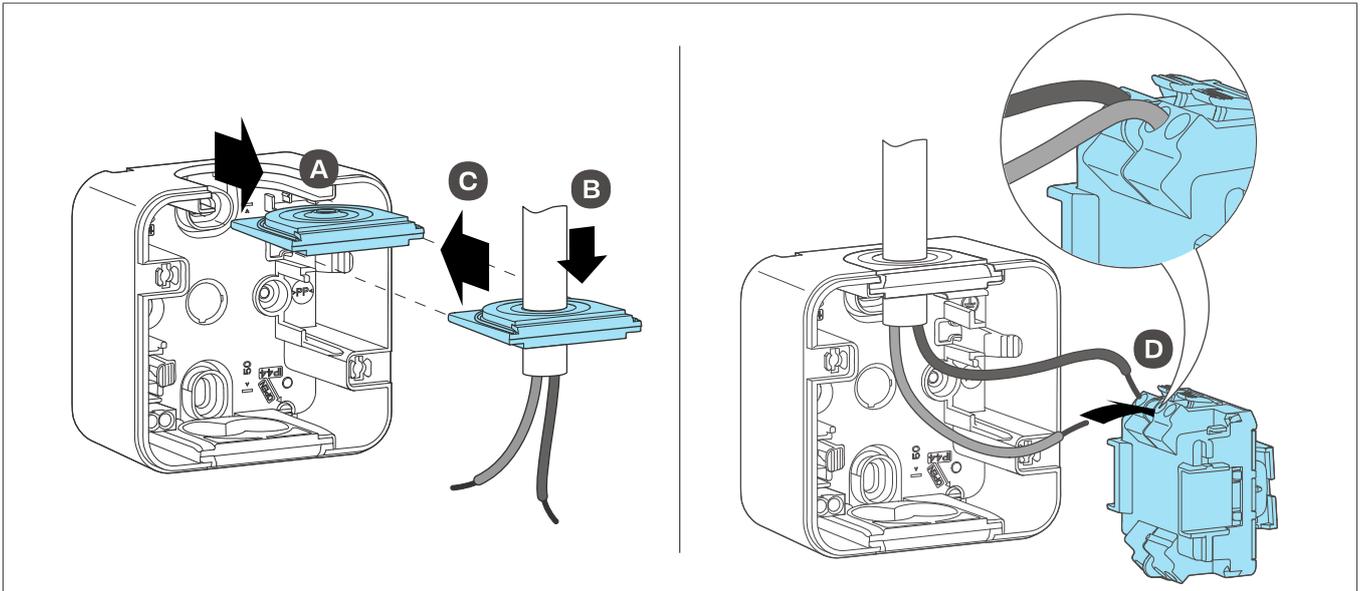


Fig. 9: Cable entry (left) / Wire insert (right)

- 4 Connect the illuminated cover frame (3) for permanent lighting, orientation lighting or control lighting (A and B) (Fig. 10, left).
- 5 Insert the insert (4) back into the housing bottom part until it snaps into place (C) on the brackets (7) (Fig. 10, right).

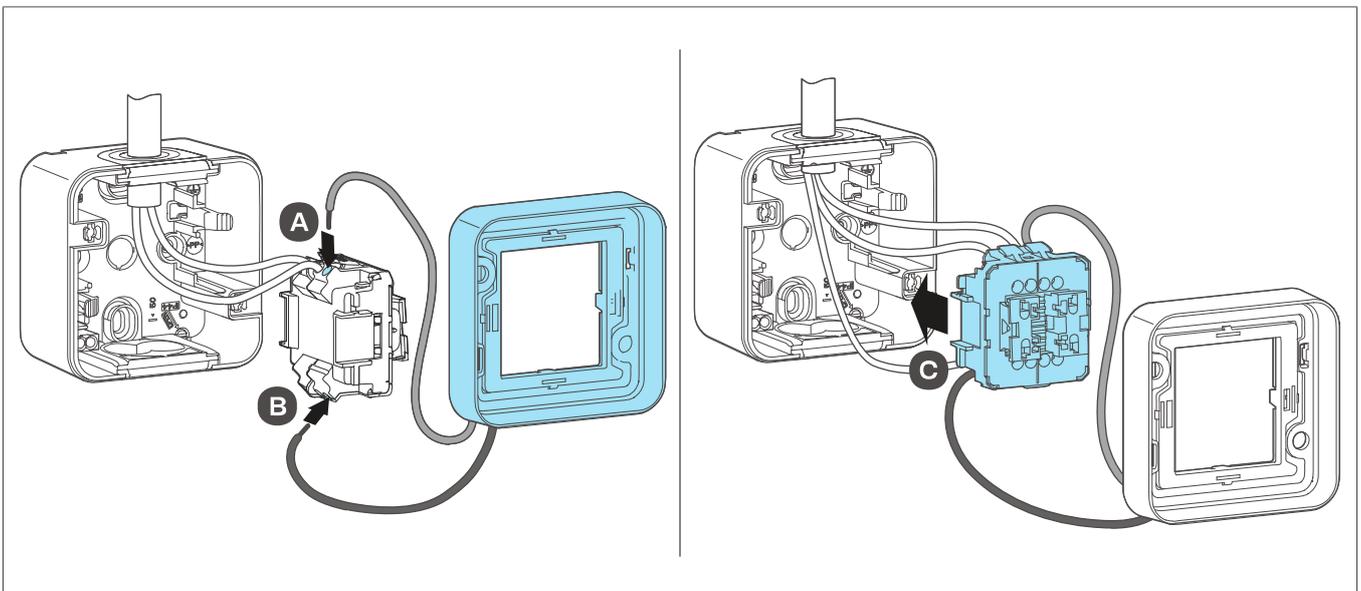


Fig. 10: Connect the illuminated cover frame (left) / snap the insert into place (right)

- 6 Place the illuminated cover frame (3) in correct position onto the housing bottom part A (Fig. 11, left).
- 7 Lock the sealing (2) into place in the cover frame B (Fig. 11, right).

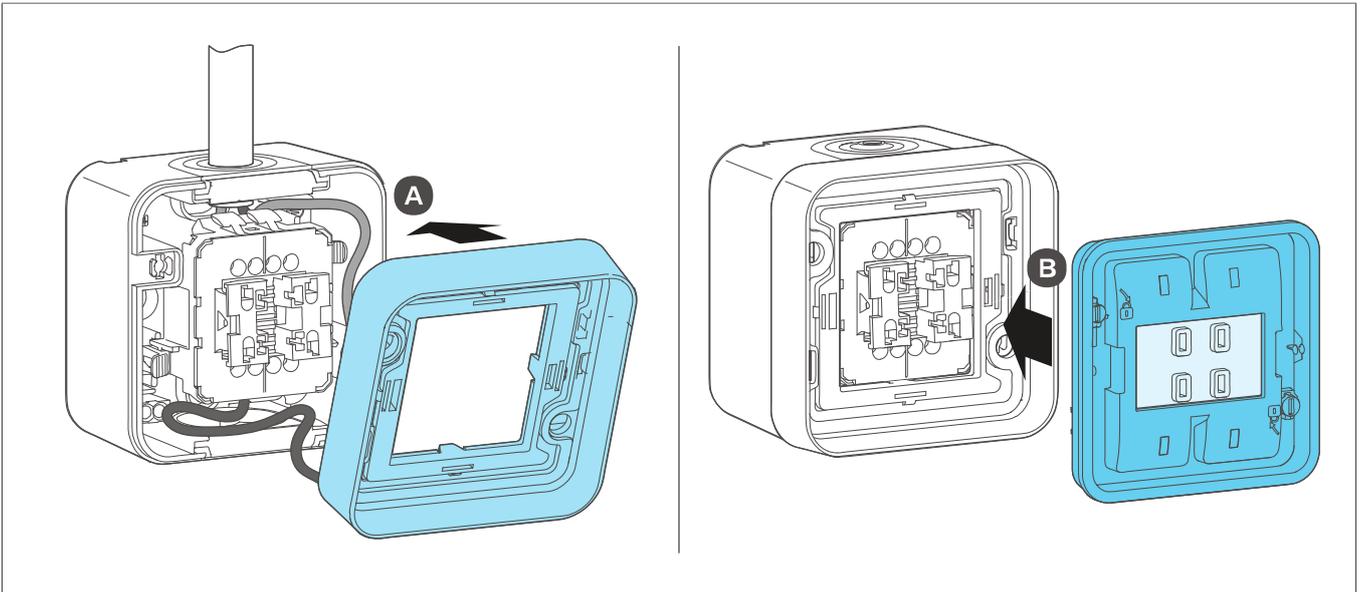


Fig. 11: Place the illuminated cover frame (left) / Snap the seal into place (right)

**Note**

When doing so, make sure that the cables in the housing are laid in such a way that they cannot get damaged.

- 8 Lock the cover frame over the quick-release bayonet connectors (8) by a  $\frac{1}{4}$ - turn to the right with a screwdriver in the housing bottom part (Fig.12).

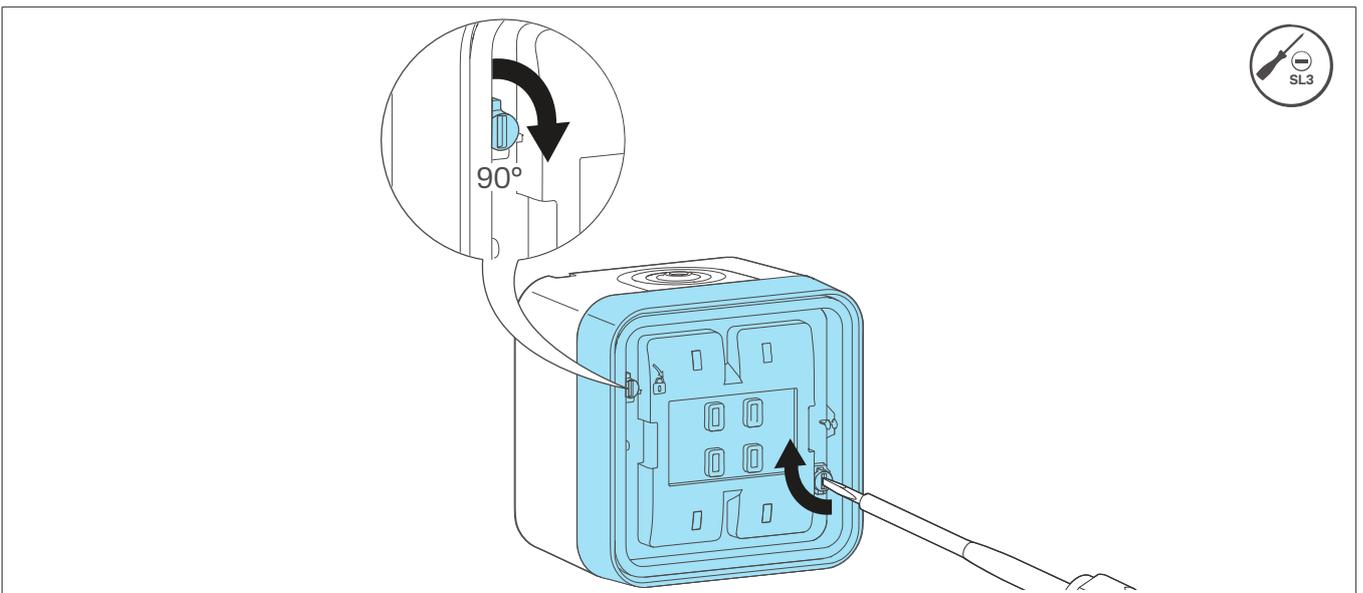


Fig. 12: Mount the cover frame

- 9 Install the rocker (1) and snap into the insert (4) (Fig. 13).  
The device can be commissioned.

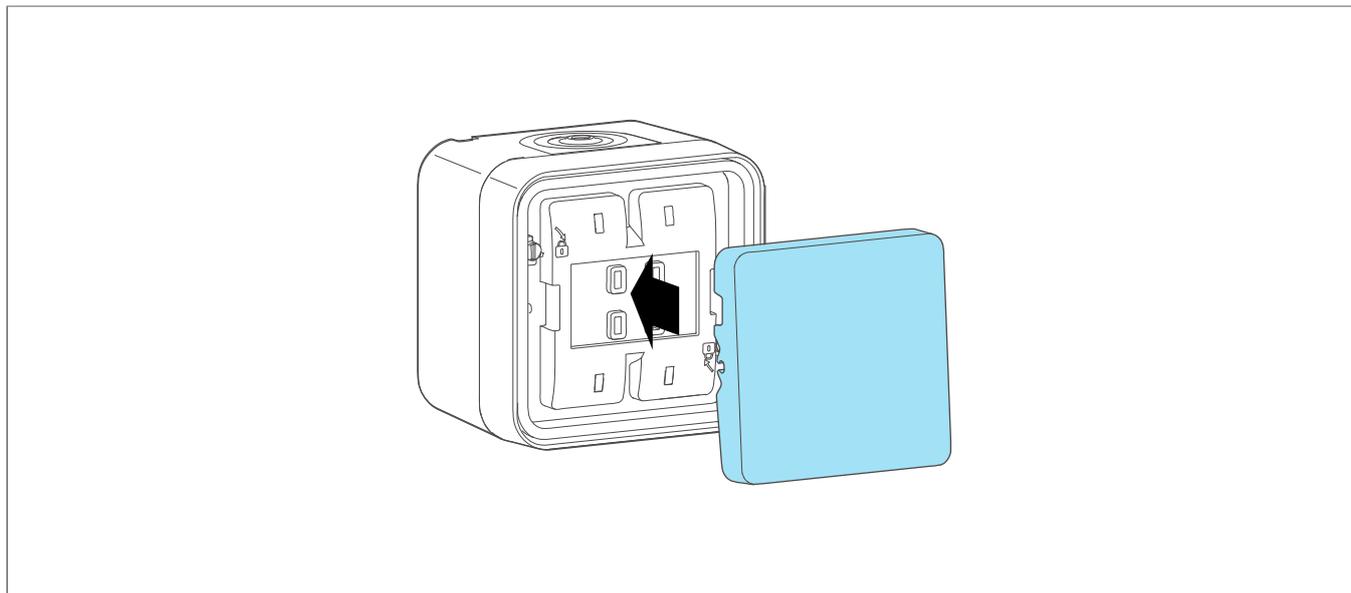
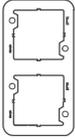
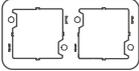


Fig. 13: Install the rocker

## 5 Appendix

### 5.1 Technical data

Version	Order no.	Light colour	Operating voltage, rated current
	WNA696	White	12 ... 24 V $\overline{\text{DC}}$ = 1.6 ... 5.2 mA
	WNA698	Blue	
	WNA699	White	230 V $\sim$ , 2.5 mA
	WNA712	Blue	
	WNA695	White	230 V $\sim$ , 2.5 mA
	WNA697	Blue	
	WNA710	White	230 V $\sim$ , 2.5 mA
	WNA711	Blue	

### 5.2 Disposal note



Correct Disposal of this product (Waste Electrical & Electronic Equipment).

**(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 retailer 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.

Business 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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