

Operating instructions

Order no.: 5015 .., 5016 ..



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1 Safety instructions



Electrical devices may only be mounted and connected by a qualified electrician.

Danger of electrical shock. Comply with the applicable regulations and standards for SELV circuits for mounting and cable routing.

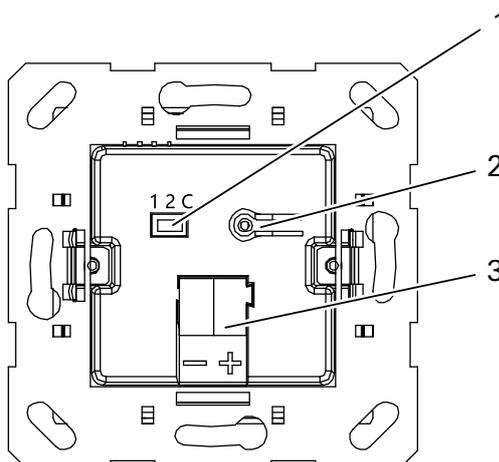
Serious injury, fire or damage to property possible. Read and follow these instructions completely.



These instructions are an integral part of the product and must remain with the customer.

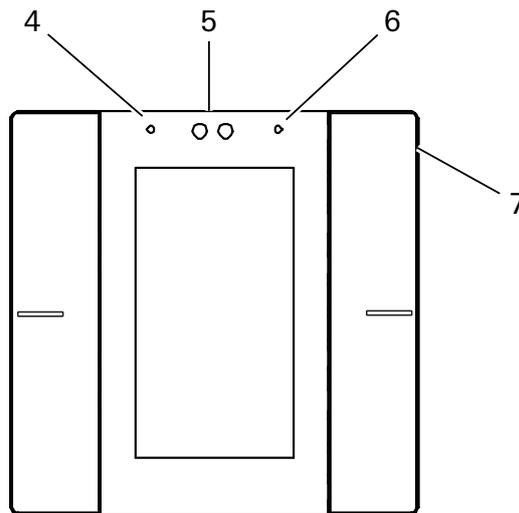
2 Device components

Rear of the device Image : [▶ 3]



- 1 Input socket
- 2 Programming button and LED
- 3 KNX connection terminal

Front of the device Image : [▶ 4]



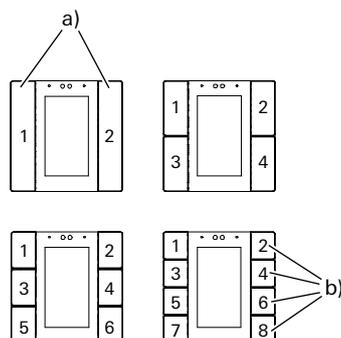
- 4 Orientation LED
- 5 Proximity sensor
- 6 Programming LED
- 7 Integrated temperature and humidity sensor

3 Intended use

- Operation in the KNX system
- Operation of devices, e.g. lights, blinds
- Room temperature measurement
- Room humidity measurement
- Support of two external input interfaces, which can be used as zero-voltage contacts and/or for external temperature measurement.
- Installation in device box with dimensions in accordance with DIN 49073

4 Operation

A 2-gang rocker can be assigned up to two functions depending on the programming. Rockers are operated by pressing the buttons briefly or for a longer period depending on the functions that have been configured, Image : [▶ 5].



- a) Rockers (accessories)
- b) 1 to 8 button assignment

5 Information for qualified electricians



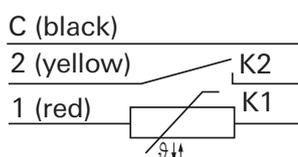
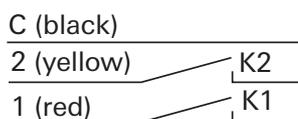
Electrical shock when live parts are touched.

Electrical shocks can be fatal.

Before working on the device, disconnect it and cover any live parts in the vicinity!

Mounting and connecting the device

The device should be installed in an airtight device box. Otherwise, draughts can negatively impact temperature and humidity measurements.



1. Connect the bus line to the connection terminal, ensuring correct polarity (red = +, black = -).
2. For secure operation: Remove the device certificate from the device and keep it in a safe place.
3. Optional: Connect zero-voltage contacts Image : [► 5] or remote sensors Image : [► 5]. To do this, connect the supplied connection cable to the input socket.
4. Install the rockers; see the "Installing rockers" section.
5. Use device box screws to mount the support ring on the flush-mounted box.
6. Place the cover frame flush on the support ring. The cover frame is held in place by the pushbutton sensor.
7. Attach the pushbutton sensor and cover frame to the support ring.

✓ The pushbutton sensor can be put into operation.

Ensure that the retaining clips are correctly positioned in the support ring.

6 Start-up

Configuration and start-up with ETS version 5.7.7, 6.3.0 or higher.

Secure operation (requirements):

- Secure start-up is activated in the ETS.
- Device certificate entered/scanned or added to the ETS project.
- Using a high-resolution camera to scan the QR code is recommended.
- Document all passwords and keep them safe.

6.1 Activating programming mode for the KNX system

The programming button is located on the rear of the device.

The device is connected and ready for operation.

1. Activate programming mode: Press programming button.

✓ The programming LED lights up red. Programming mode is activated.

2. Program physical address.

✓ The programming LED goes out. The physical address has been programmed.

3. Program application program.

The device is ready for operation.

6.2 Installing rockers

1. Place the locking hook of the rocker at the corresponding pushbutton sensor position Image : [▶ 6].

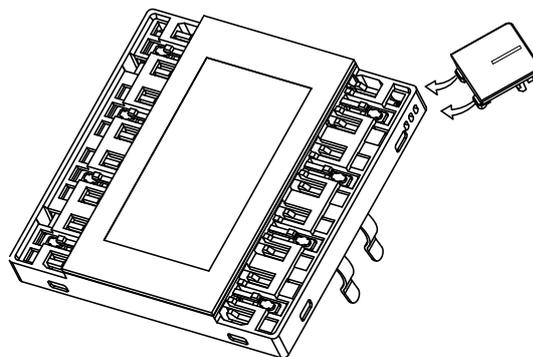
2. Push the rocker in sideways Image : [▶ 7].

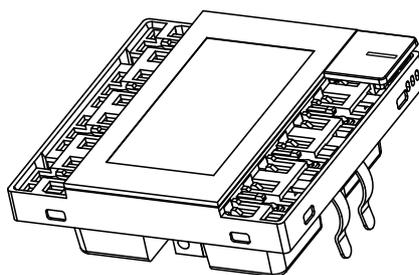
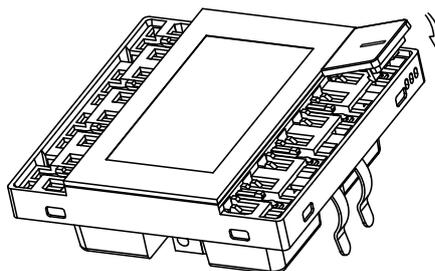
3. Press the centre of the rocker Image : [▶ 7].

✓ The rocker locks into place.

The device is ready for operation.

The gaps between the cover frame and the rockers and between the rockers can be evened out by moving the rockers slightly.





6.3 Disassembly

1. Carefully pull the pushbutton sensor and the cover frame forwards until they detach.
2. To remove the rocker, carefully push it out to the side using a screwdriver or your fingernail.

7 Technical data

KNX

KNX medium	TP256
Start-up mode	S mode
Rated voltage	DC 21 to 32 V SELV
KNX power consumption	15 to 21 mA
Connection type	KNX standard connection terminal
KNX connection cable	KNX-Y (St)Y 2x2x0.8

Input

Quantity	2, as zero-voltage contact or NTC temperature measurement
Connection	Three-wire connection terminal
Cable length	max. 5 m

Installation dimensions Image : [▶ 8]

Profile height	A = 9.5 mm
Installation depth	B = 20.8 mm

Ambient conditions

Ambient temperature	-5 to +45°C
Storage/transport temperature	-25 to +70°C
Relative humidity	5 to 93% (no condensation)

