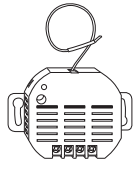


Installing the flush-mounted receiver

CONNECT radio receiver, flush-mounted, 1-gang switch

Operating instructions



Art. no. MTN507501

For your safety

DANGER
Risk of fatal injury due to electrical current
 All work on the device should only be carried out by trained and skilled electricians. Observe the country-specific regulations.

CAUTION
 If you operate devices that do not correspond to the technical specifications (see technical data), the connected devices and dimmers may get damaged.

- Connect only **one** phase (AC 230 V) towards neutral conductor **or** functional extra-low voltage (FELV) to the make contact.
- Do not connect the flush-mounted receiver to different phases.
- In the flush-mounted receiver, the make contact is only separated from the phase by basic insulation. You must therefore **not** connect any safety extra-low voltage (SELV) (safety level overridden).

Flush-mounted receiver introduction

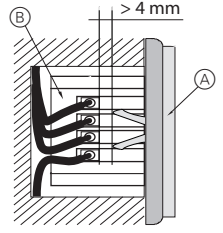
The flush-mounted CONNECT radio receiver for the switch will be referred to in the following as "the flush-mounted receiver".

The flush-mounted receiver can be used to switch loads on and off via radio (for information on allowed loads, see the technical data). When it receives the radio signal, the flush-mounted receiver switches the corresponding contact.

i The flush-mounted receiver cannot be used in a wired two-way circuit.

DANGER
Risk of fatal injury from electric current.
 The device has no basic insulation and must therefore be installed in a way that protects against accidental contact.

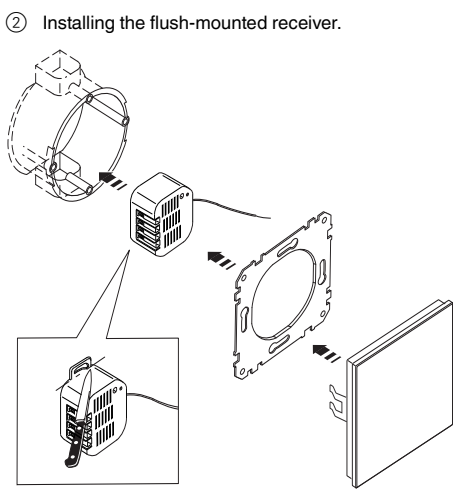
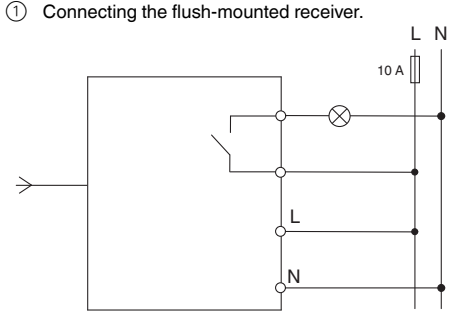
DANGER
Risk of fatal injury from electrical current.
 Once a cover (A) is installed, the distance from the fixing brackets or screws to the connections of device (B) must be at least 4 mm.



If the distance is less than 4 mm, a deeper installation box must be used.
 Also, the fixing brackets or screws of the cover must not press against the housing.

CAUTION
The device can be damaged if not correctly protected.
 The circuit containing the connected loads must be protected by a fuse with a rating not greater than 16A.

Simply install the flush-mounted receiver "invisibly" near the load to be connected, for example in a flush-mounted socket with a blanking cover.



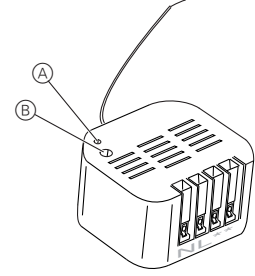
i Place the antenna as far as possible from metal parts (connecting cables, retaining rings, etc.) to avoid interruptions to the radio signal.

i Metal surfaces in the immediate vicinity (e.g. flush-mounted metal outlets, metal door frames) can affect reception.

Operating the flush-mounted receiver

You can operate the flush-mounted receiver using the following operating elements:

- A taugt CONNECT transmitter (e.g. CONNECT radio push-button/CONNECT sensor surface).
- Briefly press switch button (B) on the device : this switches the channel.



(A) LED
 (B) Switch button

Only insulated tools may be used for operation on the device, e.g. an insulated phase tester.
 If the flush-mounted receiver is configured with EASY CONNECT, not all functions/channels can be used. A description of the EASY CONNECT radio system can be found in the separate "CONNECT radio system" description, which is supplied with devices with system administration (e.g. CONNECT radio push-button).

What should I do if there is a problem?

i You can analyse and check faults throughout the radio system with the help of the CONNECT radio USB data interface (on a suitable PC) and the CONNECT radio configuration tool.

The device does not react to the taugt transmitter:

- Make sure that the maximum range is not exceeded and that there are no metal surfaces such as metal cabinets in the radio transmission path.
- If necessary, check that the battery is placed correctly in the radio push-button and that it is not flat.
- Make sure that the device is not in programming mode. (If the LED is flashing, this is the case.)
- If necessary, repeat the teaching process.

Resetting to factory settings (Reset)

Under certain circumstances, it is necessary to reset this device (and possibly the other devices in the radio system) to its factory settings and to reconfigure the radio system:



CAUTION

When you reset to the factory settings, all the settings and connections for this CONNECT device are lost. The radio system may no longer work and will need to be reconfigured: see the separate description of the CONNECT radio system (supplied with devices with system administration).

- Using an insulated tool such as an insulated phase tester, tap switch button **B** three times in quick succession (within approx 1.5 seconds).

LED **A** flashes at one-second intervals.

- Then press and hold the switch button until the LED stops flashing (approx. 5 seconds).

The device has now been reset to its factory settings.

Technical data

Connected loads:	AC 230 V, 10 A; $\cos \phi = 0.6$
Allowed loads:	2000 W (incandescent lamps 230 V) 1500 W (halogen lamps 230 V) 35 μF (capacitive load in luminaires with electronic transformer)
Type of protection:	IP 20
Radio frequency:	868 MHz
Radio protocol:	Z-wave
CONNECT device type:	Receiver
Range:	up to approx. 100 m outdoors up to approx. 30 m in buildings (depending on building materials)
Dimensions (H x W x D):	approx. 48 x 52 x 27 mm, without connecting cables

Notes for experienced users who want to use this device with Z-wave compatible devices from other manufacturers:

Z-wave device type Routing slave

Learn -Mode: (for integration into Z-wave systems of other manufacturers)	Triple click on the switch button
Send "Node info frame"	Triple click on the switch button.

List of functions	Parameter number
Staircase timer	176, 177
Additional limit duration (after brief interruption)	183

Z-wave designation	CONNECT designation
Inclusion	Teach (sends Node info frame), see CONNECT radio system description
Exclusion	Reset to factory settings; complete programming
Primary	Device with system administration



This device can be used with all devices that are compatible with Z-Wave; this also applies to devices from other manufacturers. Each Z-Wave-compatible device can be added to a Z-Wave system, in which case it then also functions as a router providing command forwarding is supported. Configuration of a Z-Wave system is described in the description of devices with system administration (e.g. CONNECT radio push-button). Some functions are only possible with devices that are compatible with the CONNECT radio system.

Schneider Electric Industries SAS

If you have technical questions, please contact the Customer Care Center in your country.

www.schneider-electric.com

This product must be installed, connected and used in compliance with prevailing standards and/or installation regulations. As standards, specifications and designs develop from time to time, always ask for confirmation of the information given in this publication.