

CONNECT radio sensor cover for dimmer inserts

Operating instructions



System M



CONNECT radio sensor cover for dimmer inserts
Art. no. MTN5026.., MTN5036..

Artec/Tracent/Antique



CONNECT radio sensor cover for dimmer inserts
Art. no. MTN5046..

Necessary accessories

– Universal super dimmer insert (Art. no. MTN577099)
For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electro-nic transformers.

Getting to know the sensor cover

The CONNECT radio sensor cover, for dimmer inserts, will be referred to below as **sensor cover**.

The sensor cover contains a radio receiver.

Using the taught transmitters, you can:

- When using the **universal super dimmer insert (from version 3A)**, switch or dim connected ohmic, inductive and capacitive loads, e.g. incandescent lamps, LV halogen lamps etc.



The minimum load for ohmic loads is 75 W.

Additional functions within the CONNECT radio system with configuration tools:

Your fitter can program other functions and settings for the sensor cover using the relevant configuration tools for the CONNECT radio system (e.g. switching additional CONNECT radio receivers).

Mounting the sensor cover

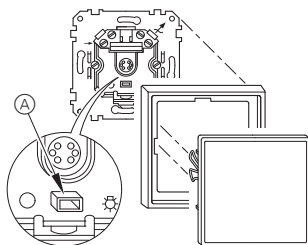
To teach the transmitter, you have to attach the sensor cover to the insert. The insert must already be installed in the flush-mounted socket and the power switched on.



CAUTION

The contact pins on the rear of the sensor cover can become bent if tilted excessively. For this reason, hold the sensor cover as straight as possible when inserting and removing.

- ① Attach the cover together with its frame to the insert. When attaching the sensor cover, turn it so that the recess at the back is pointing downwards, and let it slip onto the pin (A) of the insert.



Once it has been attached, the contact pins at the back provide the connection for supplying power and exchanging data.

Operating the sensor cover

You can operate the sensor cover by means of the following operating elements:

Locally using the sensor cover:

- Switching on or toggling: touch the sensor cover briefly.
- Dimming brighter/darker: touch the sensor cover for a while.

Via taught transmitter (e.g. CONNECT radio push-button):

- Switching on or toggling: press the transmitter button briefly.
- Dimming brighter/darker: press the transmitter button for a while.

Cleaning the sensor cover



CAUTION

Cleaning with detergents or wet cloths can damage the device. Clean the device with a dry cloth only.

What should I do if there is a problem?



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 load cannot be operated locally using the sensor cover.

- Make sure that the sensor cover is properly attached to the insert.

The sensor cover does not react to the taught 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 you want to check whether the problem is due to the transmission path, carry the transmitter to the sensor cover and operate it there.

- Check that the battery is fitted correctly in the transmitter and that it has power.
- If necessary, repeat the teaching process.

Reset to the factory settings (Reset)

Under certain circumstances, it may be necessary to reset the sensor cover (and, as the case may be, 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 deleted. The radio system may no longer work and will need to be reconfigured: see the separate description of the CONNECT radio system (supplied with the devices with system administration).

- ① Tap the sensor cover three times quickly (within approx. 1.5 seconds).

The connected load briefly switches its switch state on.

- ② Then press and hold the sensor button for approx. five seconds until the connected load turns off.

The sensor cover has been reset to its factory settings.

Technical data

Minimum load of the insert:	75 W for ohmic loads
Temperature range:	5 °C to 40 °C
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:	approx. 80 x 80 mm

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 operating surface.
Send "Node info frame"	Triple click on operating surface.

List of functions	Parameter number
Switching/dimming additional CONNECT radio receivers	1

Z-wave designation	CONNECT designation
Inclusion	Teach (transmits Node info frame), see CONNECT radio system description
Exclusion	Reset to the factory settings; delete everything taught
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.

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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.