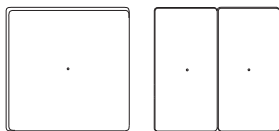**Schneider Electric**

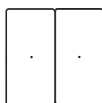## CONNECT radio push-button

Operating instructions

Artec/Antique/Trancent

CONNECT radio push-button, 1-gang
Art. no. MTN5071..

CONNECT radio push-button, 2-gang
Art. no. MTN5072..

For your safety

⚡ **DANGER**
Risk of fatal injury from electrical current
Work on the mains voltage may only be performed by a skilled electrician. Observe the country-specific regulations.
Work on the mains voltage is necessary if, for example:
• You are mounting the device onto a flush-mounted box with 230 V cables or
• an existing switch/socket-outlet combination has to be dismantled.

Getting to know the push-button

The CONNECT radio push-button is referred to as **push-button** in the following.

The push-button is a transmitter for use with the CONNECT radio system.

The CONNECT radio 1-gang push-button has two buttons, the CONNECT radio 2-gang push-button has four buttons.

The push-button can have various functions, depending on which other devices are integrated into the radio system.

Before you can control other devices remotely with the push-button, you have to program the push-button for the radio system or install a new radio system. See the separate description of the CONNECT radio system.

Functions within the EASY CONNECT radio system:

Press upper push-button briefly:	Switch on, or stop roller shutter
Press lower push-button briefly:	Switch off, or stop roller shutter
Press and hold upper push-button:	dim brighter, or raise roller shutter
Press and hold lower push-button:	dim darker, or lower roller shutter

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ℹ️ For a description of the EASY CONNECT radio system, see the separate description: "CONNECT radio system".

Additional functions within the CONNECT radio system with configuration tools:

Your electrician can program other functions and settings for the push-button using the relevant configuration tools for the CONNECT radio system (e. g. single-surface switching, retrieve/save scene, doorbell function, change button assignment).
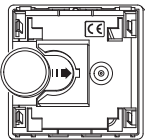
Inserting or replacing the battery

⚠️ **CAUTION**
If the battery is inserted incorrectly, the radio push-button will not function. An incorrectly inserted battery can damage the electronics. The saved functions are not lost when the battery is replaced.

① Insert the new battery into the battery compartment with the engraved plus (+) symbol pointing downwards.

ℹ️ Please dispose of used batteries according to statutory regulations.
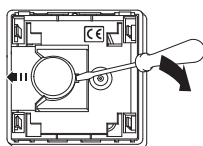
Cleaning the push-button

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

Selecting the installation site

⚠️ **CAUTION**
The push-button should not be fixed to metal surfaces. If it is, its functions cannot be guaranteed.

Radio transmission does not use exclusive transmission paths, therefore interference can not be ruled out. Radio transmission is not suitable for security applications, e.g. emergency OFF, emergency calls.

There are various options for installing the push-button on different surfaces:
– Adhesive strips/foils for smooth surfaces and glass
– Screwed directly to the wall or with screw fixings on a mounting box (flush-mounted or cavity wall box)

– Snapping it into an extended multi-gang frame to retrofit to existing switches/socket-outlets

ℹ️ The distance from walls/edges above and below the device should be at least 7 mm. During installation, you have to attach the frame with the push-button to the retaining plate from above and slide it approximately 5 mm downwards.

ℹ️ The push-button can only be attached to the retaining plate in one position.
The retaining plate is has the imprint "OBEN/TOP" at one end. The push-button is in the OBEN/TOP position when the letters "CE" are at the top. Always mount the push-button with OBEN/TOP position at the top. This is important for the correct allocation of the functions to the operating surfaces.
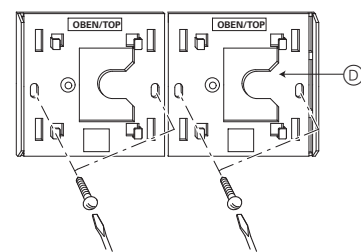
Installing the push-button

① Insert the push-button Ⓐ into the frame Ⓑ from the front, making sure it clicks into place. The CE symbol on the push-button must be at the top.
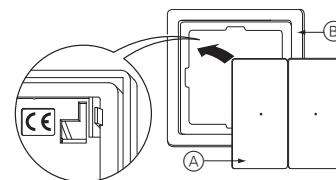
② **When installing multi-gang frames:** Remove the ridges on the inside of the retaining plates Ⓒ with a sharp knife.
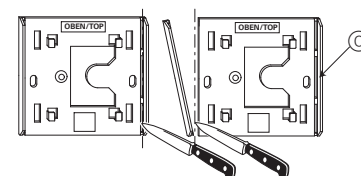
③ **For installation on the wall or on a mounting box only:** Fasten the retaining plate Ⓓ on a mounting box with the screws provided or directly on the wall with screws and plugs.
Make sure that "OBEN/TOP" on the retaining plate is facing upwards.

④ Place the push-button together with the frame approximately 5 mm above the retaining plate and move the push-button and frame downwards until they click into the claws on the retaining plate.
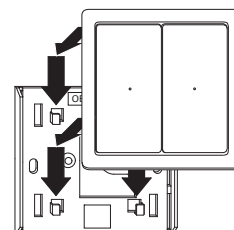
⑤ **For installation on smooth surfaces or glass only:** Clean the mounting surface so that it is free of dust and grease.

⑥ **For installing on glass only:** Fix the aluminium-coloured foil to the mounting surface, avoiding bubbles and folds in the foil.

⑦ **For installation on smooth surfaces or glass only:** Remove the two foam panels Ⓔ from the protective foil and fix them to the positions marked on the back of retaining plate.
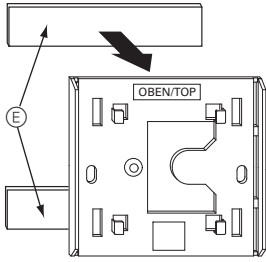
⑧ **For installation on smooth surfaces or glass only:** Peel off the foil from the adhesive surface on each foam panel. Firmly press the retaining plate together with the frame and push-button flush against the aluminium-coloured foil Ⓕ or against the mounting surface, as the case may be.
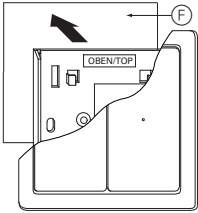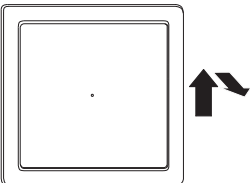

Removing the push-button

⚠ **CAUTION**
The frame is held in place in the retaining plate by claws. Never remove the frame without first sliding it upwards; otherwise, the retaining plate will be damaged.

① Slide the push-button together with the frame approximately 5 mm up until it disengages and then pull it forwards.

Combining the push-button with existing installations

You can, for example, connect the push-button to an existing single switch or a single socket-outlet without having to attach an additional flush-mounted box. To do this you need a multi-gang frame.
In this case, the retaining plate does not need to be installed.
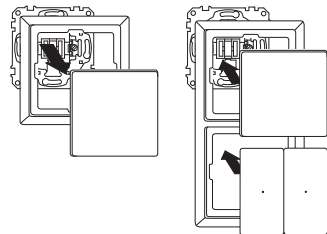
What should I do if there is a problem?

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 receiver is not reacting to the push-button:

– 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 push-button and that it is not empty.
– Make sure that the push-button is not in programming mode. (If the LED is constantly flashing or constantly lit up, this is the case.)
– If necessary, repeat the programming process again. See the separate description of the CONNECT radio system.

The LED in the push-button lights up red:

If it does not receive any feedback from the receiver, the LED on the push-button lights up red (the same as in the factory settings).

Resetting the push-button to the factory settings (Reset)

Under certain circumstances, it may be necessary to reset the push-button (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 a **push-button with system administration** to the factory settings, all the settings and connections for this CONNECT system are deleted. The radio system must be reconfigured. See the separate description of the CONNECT radio system.

① Press an operating surface on the push-button three times within approx. 1.5 seconds.

The LED on the push-button flashes or the push-button with system administration function LED lights up.

② Then press and hold the operating surface for approx. five seconds until the LED goes out.

The push-button has been reset to its factory settings.

Technical data

Type of protection:	IP 20
Radio frequency:	868 MHz
Radio protocol:	Z-wave
CONNECT device type:	Transmitter
Range:	approx. 100 m in free field, approx. 30 m in buildings (depending on the construction material)
Dimensions:	approx. 80 mm x 80 mm
Operating life:	approx. 10 years with new lithium button cell (type: CR 2450 N)

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

Z-wave device type:	Controller
Learn -Mode: (for integration into Z-wave systems of other manufacturers)	Triple click on operating surface. LED flashes approx. 6 seconds
Transmit "Node info frame":	Triple click on operating surface. Wait until the LED goes out.

Single-surface push-button

Upper push-button:	Association Group = 1 Parameter no. = 0
Lower push-button:	Association Group = 2 Parameter no. = 1

Dual-surface push-button

Upper left push-button:	Association Group = 1 Parameter no. = 0
Lower left push-button:	Association Group = 2 Parameter no. = 1
Upper right push-button:	Association Group = 3 Parameter no. = 2
Lower right push-button:	Association Group = 4 Parameter no. = 3

List of functions	Parameter number
Switching/dimming/roller shutter dual-surface:	0
Switching single-surface:	4
Retrieve/save scene	60
Doorbell function	44
Move roller shutter single-surface (direction of movement changes after each switching process)	54
LOWER roller shutter as long as push-button is pressed	52
RAISE roller shutter as long as push-button is pressed	55

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

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.