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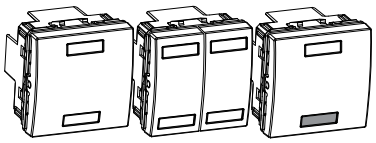
Schneider Electric

KNX push-button

Operating instructions



KNX push-button 1-gang
Art. no. MGU3.530..

KNX push-button 2-gang
Art. no. MGU3.531..

KNX 1-gang push-button with IR receiver
Art. no. MGU3.532..

Accessories

– IR remote control Distance 2010
(Art. no. MTN570222)

For your safety

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

Push-button introduction

Depending on the push-button, you have either two or four operating surfaces available to which you assign different functions via the ETS.

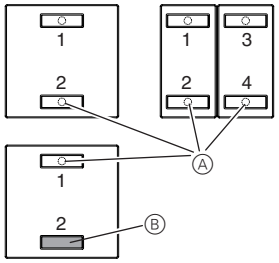
For example, you can:

- Switch and toggle
- Dimming
- Control blinds
- Save and retrieve scenes
- Call up linear regulator functions
- Save edge functions

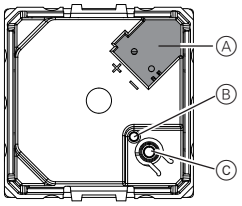
If required, you can disable the buttons and define the type of disabling.

The push-button with an IR receiver will allow you to operate each push-button by IR remote control as well.

Connections, displays and operating elements



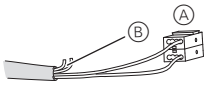
Ⓐ Status LEDs
Ⓑ IR receiver (no status LED)
1-4 Button assignment in the ETS



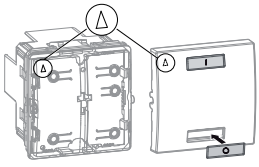
Ⓐ Bus connection
Ⓑ Programming LED
Ⓒ Programming button

Mounting the push-button

① Connect the red bus wire to the red terminal (+) and the black bus wire to the dark grey terminal (-) Ⓐ.



② Store the screen and the stability wire, as well as the white and yellow bus wire Ⓑ. They are not required.
③ Connect the terminal to the bus connection.
④ Fasten the push-button.
⑤ Put on the rockers.



⑥ Put on the frame.

Operating the push-button

① Make the desired settings in the ETS.
② Press the programming button.
The programming LED lights up.
③ Load the physical address and application into the device from the ETS.
The programming LED goes out.

Operating the push-button with a remote control

A push-button with an IR receiver will allow you to operate each push-button by IR remote control as well.

Assignment and operation:

Channel 1 = key 1 and IR remote control

Channel 2 = key 2 and IR remote control

Channels 3 to 9 = IR remote control

Teaching push-button to the Schneider remote control

The remote control and the push-button are set to each other. No learning procedure is necessary.

Teaching push-button to another remote control

① Press the upper key 10 times.

The status LED blinks first for 1 second, then it starts to flash.

Now you can teach channel 1:

② Press the remote control key 1 second long several times until the status LED lights up.

After 3 seconds, the status LED goes out and the channel is learned.

As soon as a channel has been learned, the push-button automatically switches to the next channel and the status LED starts to flash. Now you can teach channel 2.

Skipping a channel:

① Press the upper key 1 times.

The status LED lights up briefly; the channel was skipped. The status LED starts to flash again. Now you can teach the channel.

Ending the learning procedure:

- Press the upper key once.
- Automatically 30 s after the last push-button action
- Automatically after the last channel was learned

The learning mode was exited when the status LED blinks for 1 second.

Alternatively, you can also control the procedure via the "Activating - learning IR" object in the ETS.

Technical data

Power supply:	DC 24 V
KNX connection:	bus connecting terminal
Display elements:	Status LEDs 1 programming LED
Operating elements:	Control keys 1 programming button
Ambient operating temperature:	-5 °C to +45 °C
IR receiver	
Angle of reception:	approx. 60°
Reception range:	Dependent on the IR remote control used
IR channels:	9
Type of protection:	IP 20
Initialisation:	The device is ready for operation after 5 to 10 seconds.

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.

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