



Shutter control RF

5738 42 HA/HB4599 665111
5738 43 672 64 L/N4599N 663097

Description

Radio control device for the control of one actuator or of one group of actuators for the control of motorized rolling shutters or shutters. It has a STOP/PRESET pushbutton to stop the movement of the rolling shutter/shutter, and to move it to a preset position.

Technical data

Power supply: No. 1 lithium battery 3 V, CR2032 type
Duration of the batteries: 5 years
Operating temperature: 5 – 45 °C
Technology: Radio 2.4 GHz standard ZigBee®
Capacity: 150 m free field, 15 m in rooms with concrete walls

Dimensional data

Size: 2 modules

Configuration

“Push and Learn” self-learning type.
If the device is integrated in the BUS Automation system using the Gateway SCS/ ZigBee interface it will be possible to manage 2 relay actuator, which address must be configured by connecting the configurators to the A, PL, and M housings as indicated:

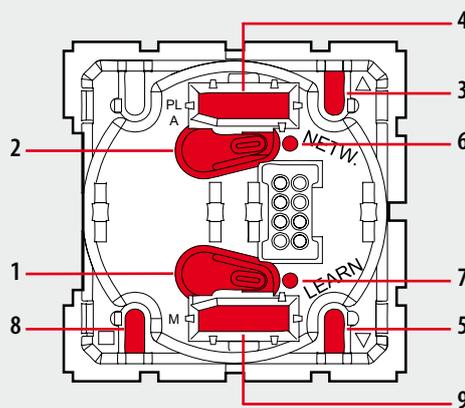
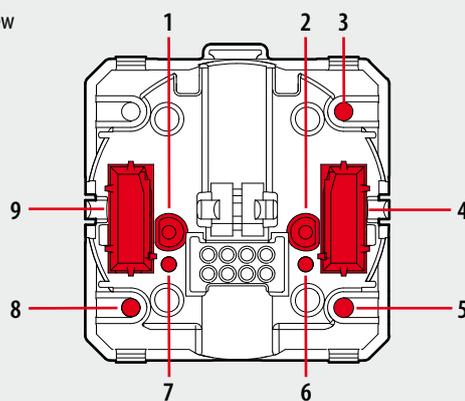
A = Room
PL = Light Point
M = operating mode (see below)

Configurator in M	Function
↑ ↓	Press and immediately release UP and DOWN keys to rise or lower the rolling shutter; to stop the movement press the STOP key.
↑ ↓ M	Press and hold down the UP or DOWN keys to send the command to rise or lower the rolling shutter; to stop the movement release the pushbutton.

Select the operating mode

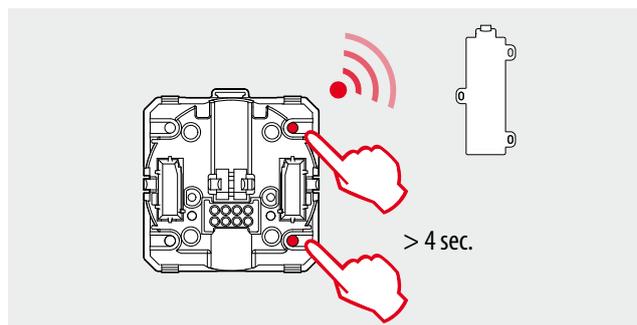
The device may operate in two different modes:
- Bistable (to operate the rolling shutter press and immediately release the UP or DOWN keys).
- Monostable (to operate the rolling shutter press and hold down the UP or DOWN keys).
The device is supplied configured in bistable mode. It will be possible to change the operating mode at any time by pressing and holding down for more than 4 seconds both the UP and DOWN pushbuttons at the same time.

Front view



Legend

1. LEARNING key
2. NETWORK key
3. UP key
4. Configurator socket (A, PL)
5. DOWN key
6. NETWORK LED
7. LEARNING LED
8. STOP/PRESET key. Stops the rolling shutter during its movement. If pressed when the rolling shutter is stopped, it activates its movement to a preset position, saved in the Shutter actuator H/LN4595.
9. Configurator socket (M)

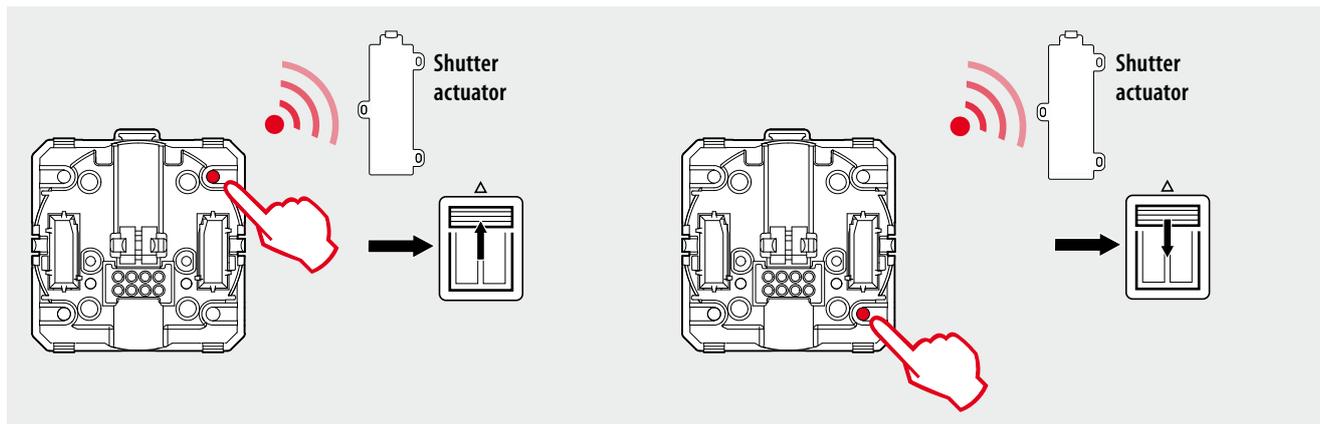


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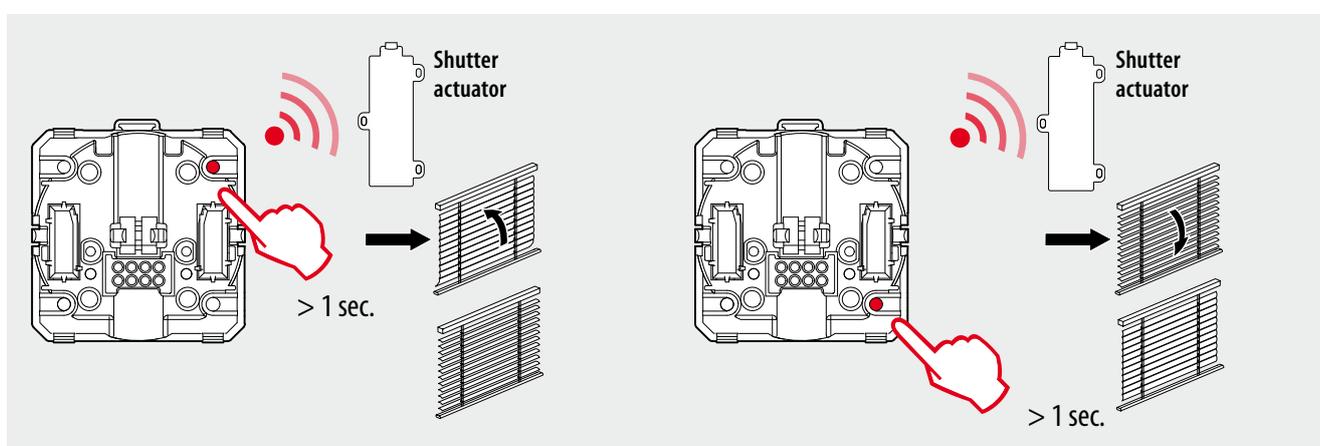
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Use of the device in bistable mode

Opening and closing the rolling shutter:
 Press and release the UP and DOWN pushbuttons.

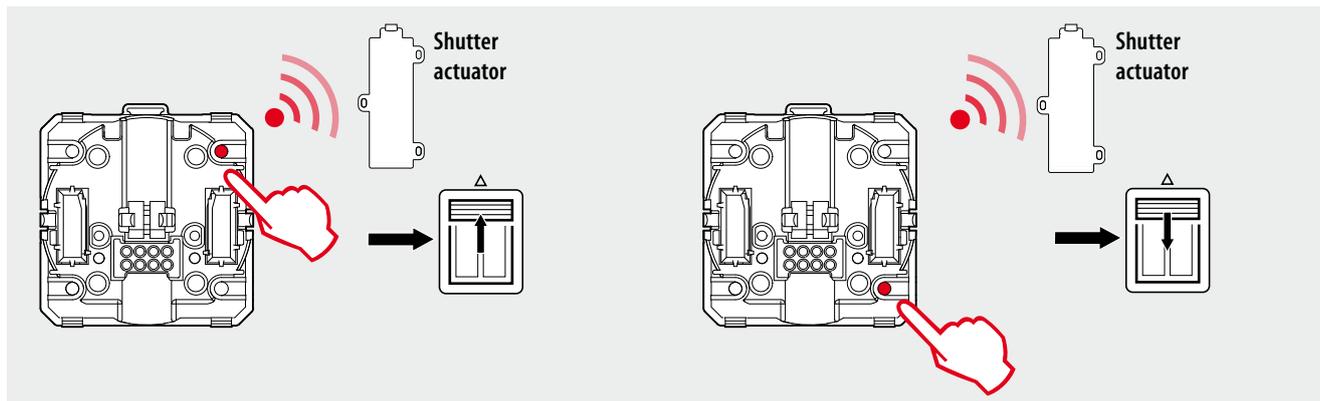


Adjustment of the blade position:
 Press the UP and DOWN pushbuttons for more than 1 second.



Use of the device in monostable mode

Opening and closing the rolling shutter:
 Press and hold down the UP and DOWN Pushbuttons until the desired rolling shutter position.



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Saving of the PRESET position (opening the rolling shutter to a preset position)

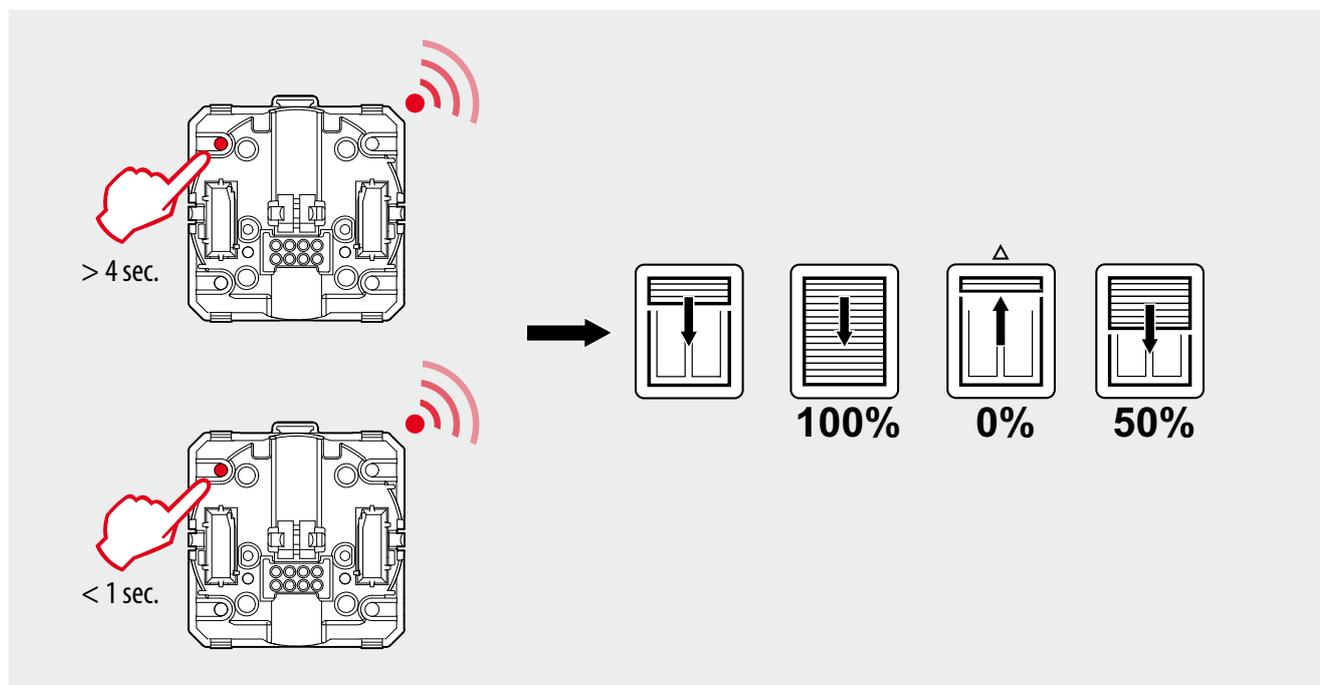
In addition to the operating modes specified, this device can be used to also set the rolling shutters to a preset position by only pressing one pushbutton.

The procedure is performed in two different stages:

- calibration of the up and down movements times of the rolling shutter;
- saving of their positions.

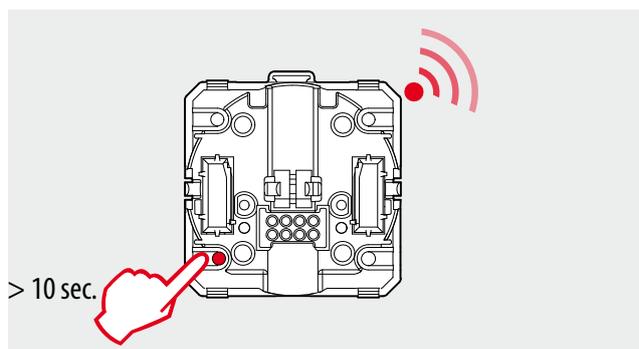
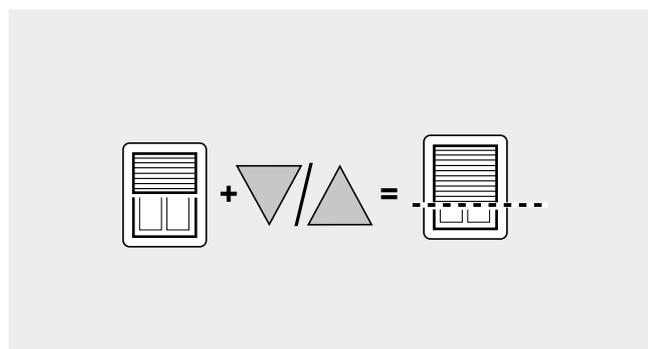
Calibration of the up and down movements times of the rolling shutter;

1. Check if the rolling shutter motor is equipped with a traditional, or with an electronic "limit switch".
2. Fully open the rolling shutter.
3. In case of traditional limit switch, press the pushbutton shown in the picture for more than 4 seconds. Press the pushbutton for less than 1 second in case of electronic limit switch.
4. The rolling shutter will close completely, will open completely, and then will move to the half open position. During this stage do not operate the device.
5. The device has saved the rolling shutter full opening and full closing time. Now proceed with saving the desired position (Preset).



Saving the rolling shutter position:

1. Operate the UP and DOWN PUSHbuttons of the radio control to move the rolling shutter to the desired position.
2. To save the desired position press the Preset pushbutton of the rolling shutter radio control for more than 10 seconds.



3. From now on, irrespective of its position, when the Preset pushbutton of the control device is pressed the rolling shutter will move to the previously saved position.