Individual PLC/IR transmitter/receiver shutter switch with programmable opening level

Description

The individual MY HOME Legrand shutter switch can be used for:
- local control, manual from the front of the device, of a motor for shutters or blinds, up/down/stop controls, connected to its clamps, as well as orientation of the blades of venetian blinds.
- The remote control of a motor for shutters or blinds, up/down/stop controls, and preset position, from a flush-mounted or modular scenario control, or from a central power line communication or radio (using the PLC/RF interface) shutter switch. The switch is a receiver.
- The remote control of another individual MY HOME Legrand shutter switch. The switch then becomes a transmitter.

Status memory on sector return.
The control of a relay (up or down order) is limited by a time-out of 3 minutes.
During operation, a time delay of approximately 500 ms is introduced on the control of an “up” relay, while the “down” relay is ordered (and vice versa).

Local operation

The individual shutter switch controls the motor connected to its clamps:
- up movement by pressing  
- down movement by pressing  
- the stop of the shutter by a short pressure on  during up or down movement
- regulation of blades by extended pressure of  or  (the relay is controlled cyclically)
- the opening of the shutter to the preset level by a short pressure of the key  when the shutter is still.

Learning of an opening position

This product offers the possibility of saving a desired intermediate opening position. This PRESET function does not take into account the blade position. The shutters controlled can have different lengths. These must be saved on the individual switch (calibration), before saving the set level of opening.

Procedure for adjusting the opening level (PRESET), outside the learning procedure:

A - On the mechanism:
1 - Press LEARN
2 - Press the PRESET control key
3 - Use the keys to adjust the desired opening level  
4 - Record the desired level by pressing LEARN

B - On the product:
1 - Adjust to the desired opening level using  
2 - Press  for 10 seconds (the shutter moves one step lower and the LEARN will flash if validated).

Legend

1. Control keys:  
   - up
   - down
   - stop
2. LEARN key
3. LEARN LED
4. Preset
5. Infrared cell

Related articles

Key cover 681 61 and 684 61

Technical data

Voltage: 100 – 240 Vac
Frequency: 50 – 60 Hz
Maximum controlled power:
- 110 Vac: 1 x 270 VA
- 230 Vac: 1 x 500 VA
Consumption:
- Idle: 0.6 W
- Loaded: 0.9 W
Self-extinguishing: 30 s @ 650 °C
Storage and operating temperatures: (-5) – (+45) °C

Standards, Certification, Marks

Normalised line socket following EN 50 065-1
Products in accordance with EN 50 066-1, -2.1, -7 and NF EN 60 669-2.1

Dimensional data

2 flush-mounting modules
**Description**

**Operation as receiver**
The shutter switch has two outputs (up and down movements).
Its up/down/stop operations can be controlled remotely:
- individual or general power line communication shutter controls, or general radio controls, using the PLC/RF interface.
- power line communication or radio scenario switch, using the PLC/RF interface.
- Omizy™ habitat internet server, Axiophone IP.

Its up/down/stop operations can be controlled remotely:
- mobile infrared or radio scenario switch, using the PLC/RF interface.
- Universal remote control.
The orientation of the blades cannot be controlled remotely from a scenario switch, a mobile infrared, or radio scenario switch.

It can however be controlled from a lighting scenario switch, a PLC dimmer switch or an infrared remote control, 882 00, directly pointed (V+/V- keys).

**Note:**
A general shutter control can control this switch to its preset opening level.
A scenario switch can control this switch to a preset opening level different from the one set locally. A receiver can be controlled by up to 32 transmitter controls maximum.

**Example:**
Create a double control point using a central shutter switch (672 53) and an individual shutter switch (672 56).

**Operation as transmitter**
The individual shutter switch has one control direction. It can control an individual shutter switch (672 56).