

Dimmer actuator 300VA

H4678
L4678

Description

The device is a dimmer for controlling resistive loads and ferromagnetic transformers. It is used to turn on and off and adjust the brightness of the load. It can be controlled via the BUS or the local button. Briefly pressing the button turns the load on or off, while holding it down adjusts the brightness.

The actuator is able to signal any load faults such as, for example, lamp failure. It is also protected by a fuse, easily replaceable should it blow.

The LED on the actuator changes colour depending on the status of the device:

- green/blue: power ON, load OFF
- red: load ON
- blinking: incorrect configuration

Technical data

Power supply via SCS BUS: 27 Vdc
 Operating power supply with SCS BUS: 18 – 27 Vdc
 Current draw: 9 mA
 Operating temperature: 0 – 40°C
 Power/Consumption of driven loads:

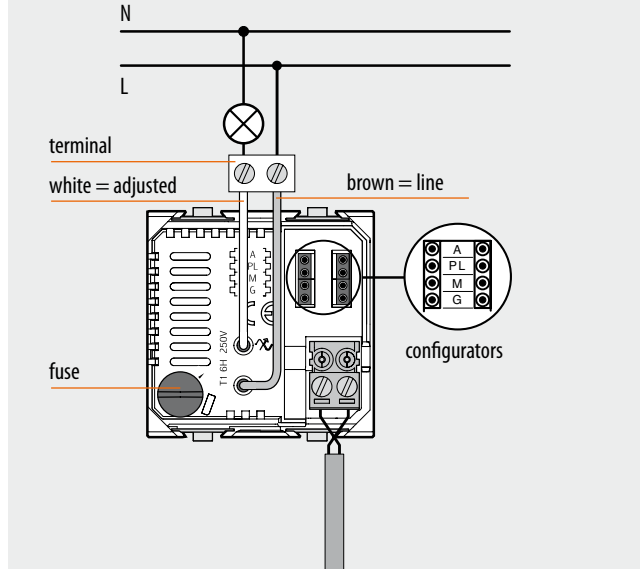
230 Vac	Incandescent lamps Halogen lamps		Ferromagnetic transformers	
	60 - 300 W	0.25 - 1.30 A	0.25 - 1.30 A	60 - 300 VA

Dissipated power with max. load: 3 W

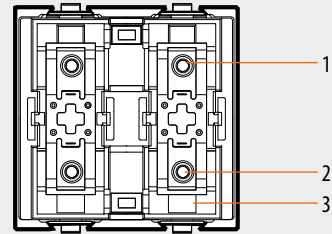
Dimensions

Size: 2 flush-mounted modules

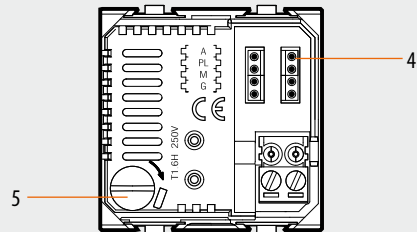
Connection



Front view



Rear view



Legend

1. Top button
2. Bottom button
3. LED
4. Configurator socket
5. Fuse

Configuration

If the device is installed in a My Home system it can be configured in two ways:

- PHYSICAL CONFIGURATION, inserting the configurators in their sockets marked on the back of the device;
- Configuration via MYHOME_Suite software package, downloadable from www.homesystems-legrandgroup.com; this mode has the advantage of offering many more options than the physical configuration.

For a list of the procedures and their meanings, please refer to the instructions on this sheet and to the "Glossary" section of the Guide to designing and installing My Home.

1.1 Addressing

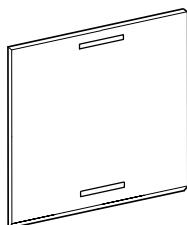
Address type		Virtual configuration (MYHOME_Suite)	Physical configuration
Point-to-point	Room	1-9	A=1-9
	Lighting point	1-9	PL = 1-9
Groups		G=0-9	G=0-9

1.2 Mode

Virtual configuration (MYHOME_Suite) and physical configuration		
Function	Parameter / setting	
Master Actuator (Cyclical ON/OFF)	M=0	
ON with top button, OFF with bottom button. ¹⁾	M=0/I	
Actuator as Slave. Receives a control sent by a Master actuator with the same address	M=SLA	
Pushbutton (ON monostable) ignores Room and General controls	M=PUL	
OFF delay: Master actuator with OFF control delayed on the corresponding Slave actuator. ²⁾	M=1	1 minute
	M=2	2 minutes
	M=3	3 minutes
	M=4	4 minutes

NOTE 1):

Use 2-module button cover with dual function



NOTE 2): In the Master and Master PUL mode you can set an OFF delay of 0-255 seconds (via MYHOME_Suite) and of 1-4 minutes using the physical configuration. Only for point-point control. With the OFF control the Master actuator deactivates; the Slave actuator deactivates after the time set on the Master actuator has elapsed. Typical function for use in bathrooms without windows where the ON control activates the light (Master actuator) and the ventilation fan (Slave actuator) at the same time.

The OFF control switches the light off immediately and leaves the fan working for the time set with configurator 1 to 4 in M of the Master actuator as indicated in the table.