

Description

Actuator with 4 independent relays for single loads up to 16 A at 230 Vac, and installation inside DIN rail switchboards or distribution boards.
This device is fitted with local load control pushbuttons.
The device cannot manage the interlocking of the relays. This means that it cannot manage motors of rolling shutters, curtains, etc.

The actuator is a component in the Lighting Management system and can also be installed in a My Home system.

Standards, Certifications, Marks

- Directive:
- Electromagnetic Compatibility Directive 2004/108/EC
- Installation regulations:
- CEI 64-8
- Product regulations:
- IEC 60669-2-1
 - EN 50428
- Environmental regulations:
- EU Directive 2002/96/EC: WEEE (Waste Electrical and Electronic Equipment)
 - EU Directive 2002/95/EC: RoHS (Restriction of Hazardous Substances)

Dimensions

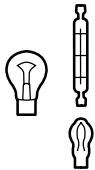




Size: 6 DIN modules

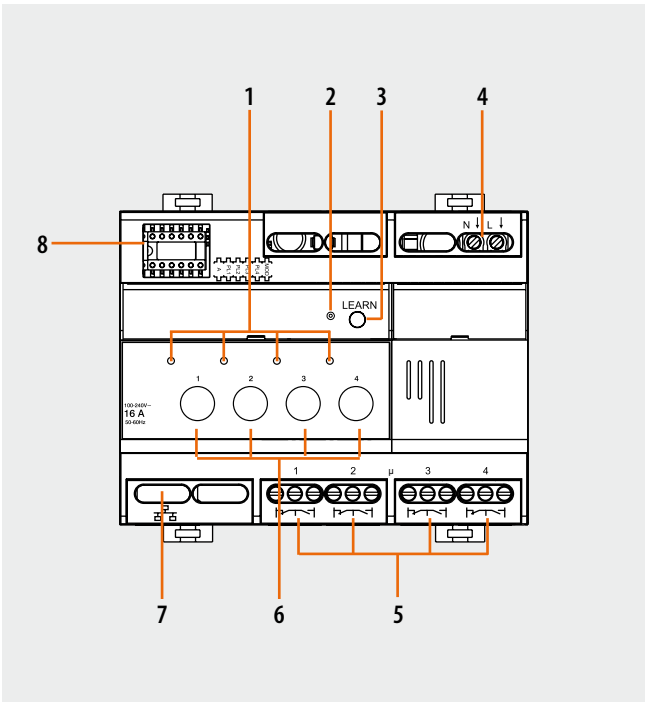
Technical data

Power supply: 110 -240 Vac @ 50/60 Hz
Number of outputs: 4 x 16 A
Power consumption in operation: 0.8 W
Power consumption on standby: (-5) – (+45) °C
Type of connection: RJ45
clamp input 2 x 2.5 mm²
clamp output 2 x 1.5 mm² and 1 x 2.5 mm²

Protection index: IP20
Impact resistance: IK04
Cable section: 2.5 mm²

Power/Consumption of driven loads:

Halogen lamps			Linear fluorescent lamps		- Electronic transformers - Ferromagnetic transformers		Compact fluorescent lamps		LED lamps	
										
230 V~	3680 W	16 A	10x(2x36 W)	4,3 A	3680 VA	16 A	1150 VA	5 A	1 x 500 VA	2,1 A
110 V~	1760 W		5x(2x36 W)		1760 VA		550 VA		1 x 250 VA	



Legend

1. L1, L2, L3, L4 load status indication LED.
2. Learn Mode status indication LED
3. Learn Mode pushbutton
4. Clamps for the connection to the 230 Vac power supply
5. L1, L2, L3, L4 load connection clamps.
6. L1, L2, L3, L4 load activation pushbutton.
7. BUS RJ45 connector
8. Configurator socket (note that this must only be used in My Home systems with the physical configuration)

Configuration

1. Lighting Management System

When installed in a Lighting Management system, the device can be configured in the following ways:

- Push & Learn: procedure for pairing different connected devices or changing the assignments defined automatically in the Plug & Go procedure. For more details, please refer to the specific document.

- Software Configuration: using the Virtual Configurator software; for more details, please refer to the specific manual.

2. My Home system

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

- PHYSICAL CONFIGURATION, inserting the configurators in position.
- 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 in this sheet and to the "Function Descriptions" help section in the MYHOME_Suite software package.

2.1 Addressing

Address type		Virtual configuration (MYHOME_Suite)	Physical configuration
Point-to-point	Room	0-10	A=1-9
	Lighting point	0-15	PL1, PL2, PL3, PL4 = 1-9

To configure the "Groups" use MYHOME_Suite virtual configuration

2.2 Mode

Virtual configuration (MYHOME_Suite)		Physical configuration	
Function	Parameter / setting		
Master Actuator	Master	M=0	
Actuator as Slave. Receives a control sent by a Master actuator with the same address	Slave	M=SLA	
Pushbutton (ON monostable) ignores Room and General controls	Master PUL	M=PUL	
OFF delay: Master actuator with OFF control delayed on the corresponding Slave actuator. ¹⁾	0 - 255	M=1	1 minute
		M=2	2 minutes
		M=3	3 minutes
		M=4	4 minutes

NOTE 1): 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. With the OFF control the Master actuator deactivates; the Slave actuator deactivates after the time set with the configurators 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 0 to 4 in M of the Master actuator as indicated in the table. This mode is only operative if PL1≠PL2≠PL3≠PL42).

To use the "Actuator as a slave with PUL function", to select the "Type of load" (Actuator, Lamp, Valve, Differential Reset, Fan, Irrigation, Controlled Outlet, Lock) and to select the "Local button mode" (Cyclical, ON/OFF, ON-OFF, Pushbutton, Timed ON) use MYHOME_Suite virtual configuration.

Maintenance

Do not use acetone, detergents for removing tar, or trichloroethylene.

Maintenance using the following products:

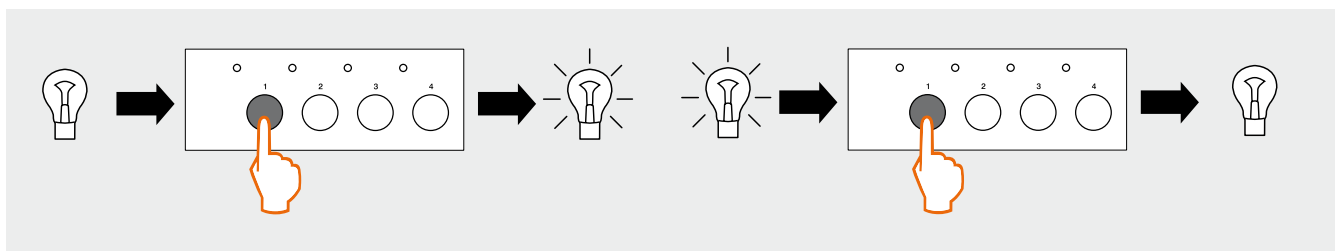
- Hexane (En 60669-1);
- Methylated spirit;
- Soap and water;
- Diluted ammonia;
- Bleach, diluted 10%;
- Glass detergents.

WARNING:

An initial test is required in order to use other special maintenance products.

Operating mode

When in Test mode, by pressing the pushbutton of the actuator it will be possible to enable or disable the associated load.

**Wiring diagram**