

2 relay actuator 6A

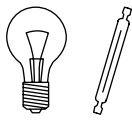
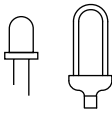
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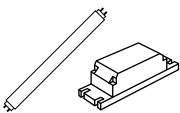

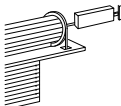
Description

Actuator for installation in DIN rail distribution boards or switchboards. This device incorporates two independent relays for the activation of 2 loads, and includes local control pushbuttons for each individual load that are active only when the actuator is configured. The device can be installed in a MY HOME system and configured physically or virtually. In this case when the PL1 and PL2 positions are configured using the same configurator the device interlocks the relays, to which it is possible to connect motors of rolling shutters, curtains, etc. When installed as a component of the Lighting Management system, specific configuration procedures are used (Plug&go, Project&Download).

Technical data

Power supply via SCS BUS: 27 Vdc
Operating power supply with SCS BUS: 18 – 27 Vdc
Current draw: 28 mA
Number of outputs: 2x6A
Dissipated power with max. load: 1.7 W¹⁾
Operating temperature: (-5) – (+45) °C
Number of outputs: 2x6A
Power/Consumption of driven loads:

	Incandescent lamps Halogen lamps		LED lamps Compact fluorescent lamps	
				
230 Vac	1380 W	6 A	250 W	Max. 4 lamps

Linear fluorescent lamps Electronic transformers		Ferromagnetic transformers		Geared motors for rolling shutters	
					
230 W	1 A	2 A cosφ 0.5	460 VA	460 W	2 A

Protection index: IK04
Impact resistance: IP20

NOTE: 1) The dissipated power indicated is that corresponding to the device with all the relays loaded at the maximum load.

With lower loads also the dissipated power is lower and may be calculated by means of the following formula: $P[mW]=140+400*N+10*[Ic1+Ic2]$
P: dissipated power in mW, N: number of loaded relays, IN: load current corresponding to the N relay.

Dimensions

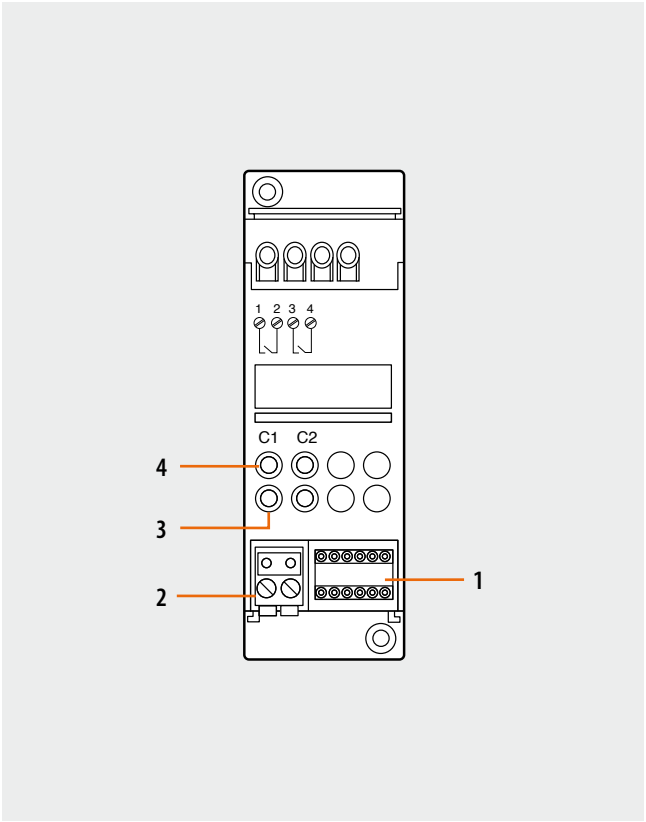
Size: 2 DIN modules

List of Functions

The device performs the following functions:

- 1. LIGHT SWITCH
- 2. AUTOMATION CONTROL

See the following pages for the configuration procedures.



Legend

- 1. Configurator socket (note that this must only be used in My Home systems with the physical configuration)
- 2. BUS connector
- 3. Load status LED
- 4. Load control button

Configuration

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.

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

- PLUG&GO
- PROJECT&DOWNLOAD

1. Light switch

1.1 Addressing

Address type		Virtual configuration (MYHOME_Suite)	Physical configuration
Point-to-point	Room	0-10	A=1-9
	Lighting point	0-15	PL=1-9
Group		Group 1 - Group 10 = 0-255	G1 = 0-9

1.2 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. The value of the configurator listed in the table defines the final time, after which the actuator deactivates its own Slave.
This mode is only operative if PL1≠PL2.

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

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2. Automation control

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=1-9
Group		Group 1 - Group 10: 0-255	G1:0-9

NOTE: If PL1=PL2 the 2 relays are interlocked

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	
Timed stop. The actuator switches off after the set time has elapsed. This mode is only operative if PL1=PL2.	1-60 seconds, 2-10 minutes, ∞	M=0	1 minute
		M=1	2 minutes
		M=2	5 minutes
		M=3	10 minutes
		M=4	Until the motor's limit stop
		M=5	20 seconds
		M=6	10 seconds
		M=7	5 seconds
		M=8	15 seconds
		M=9	30 seconds

To use the "Actuator as a slave with PUL function" and to adjust the "OFF delay", the "Type of load" (Actuator, Rolling Shutter, Curtain, Gate, Rocker) and the "Local button mode" (Cyclical, ON/OFF, ON-OFF, Pushbutton, Timed ON) use MYHOME_Suite virtual configuration.

Wiring diagrams

Diagram for connecting light devices

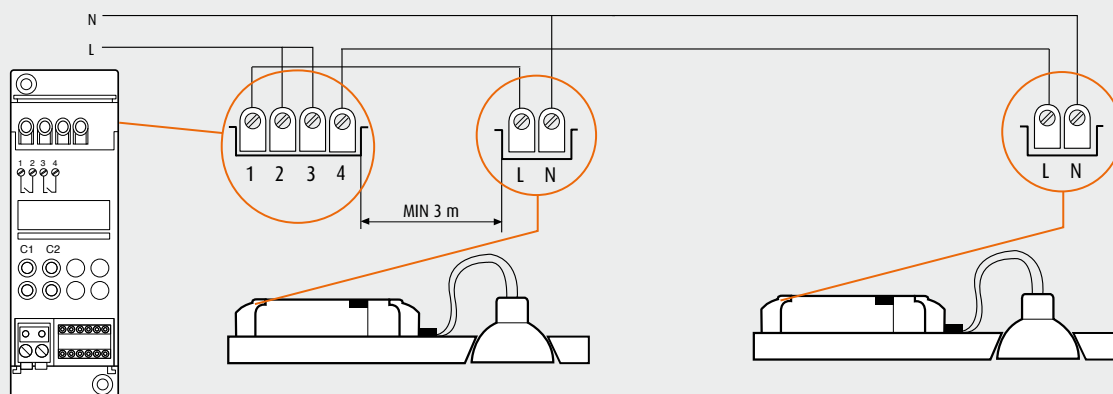


Diagram for the control of a 230 Vac motor with 2 windings

