

# 1 relay actuator 10A

F411/1N

## Description



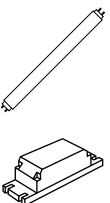

Actuator for installation in DIN rail distribution boards or switchboards. This device incorporates a 2-way relay and a local load control pushbutton that is active only when the actuator is configured.

The device can be installed in a My Home system and use the physical or virtual configuration, in which case, by configuring positions G1, G2 and G3 it is possible to assign the actuator to up to three distinct groups. When installed as a component of the Lighting Management system, specific configuration procedures are used (Plug&go, Project&Download).

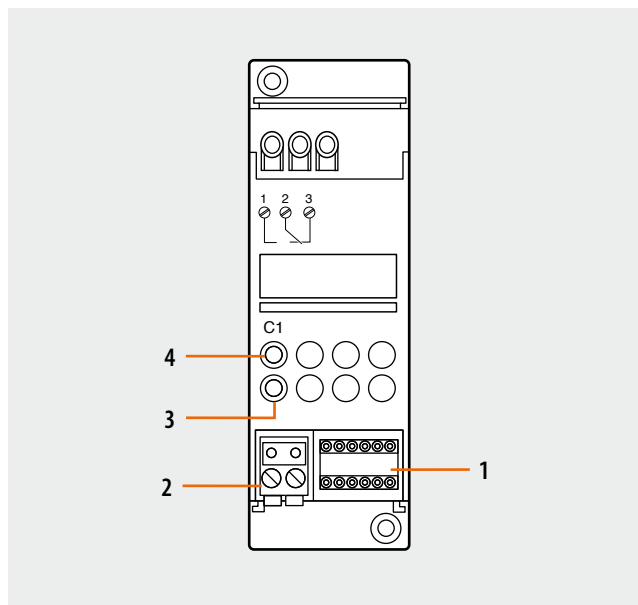
## Technical data

Power supply via SCS BUS:	27 Vdc
Operating power supply with SCS BUS:	18 – 27 Vdc
Current draw:	22 mA
Number of outputs:	1x10 A
Dissipated power with max. load:	1.5 W
Operating temperature:	(-5) – (+45) °C

Power/Consumption of driven loads:

Incandescent lamps Halogen lamps			LED lamps Compact fluorescent lamps		Linear fluorescent lamps Electronic transformers		Ferromagnetic transformers	
								
230 Vac	2300 W	10 A	500 W	Max. 10 lamps	920 W	4 A	4 A cosφ 0.5	920 VA

Protection index: IK04  
Impact resistance: IP20



## 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

## Dimensions

Size: 2 DIN modules

## 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](http://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

### 1.1 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, G2, G3 = 0-9

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## 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. <sup>1)</sup>	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. Only for a point-point type control. 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 1 to 4 in M of the Master actuator as indicated in the table.

To use the "Actuator as a slave with PUL function" and to select the type of load (Actuator, Lamp, Valve, Differential Reset, Fan, Irrigation, Controlled Outlet, Lock) use MYHOME\_Suite virtual configuration.

## Wiring diagram

