

Dimmer 1000VA

F414 F414/127
F415 F415/127




Description

Item F414 and item F414/127 control resistive loads and ferromagnetic transformers while item F415 and item F415/127 control electronic transformers. After connecting the dimmer directly to the BUS and the load, it is possible to adjust the brightness of the light from any appropriately configured control point. Briefly pressing the control button is enough to switch the load on or off, while holding it down will adjust 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.

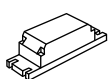
Technical data

Power supply via SCS BUS:	27 Vdc
Operating power supply with SCS BUS:	18 – 27 Vdc
Current draw F414-F414/127:	9 mA
Current draw F415-F415/127:	22 mA
Number of outputs F414-F414/127:	1x4 A (9 A for F414/127)
Number of outputs F415-F415/127:	1x1.7 A (3.6 A for F415/127)
Operating temperature:	(-5) – (+45) °C
Dissipated power with max. load F414:	10 W
Dissipated power with max. load F415: 11 W	
Protection index:	IK04
Impact resistance:	IP20

F414 Power/Consumption of driven loads:

		Incandescent lamps - Halogen lamps - Ferromagnetic transformers
		  
F414	230 Vac 50 Hz	0.25 – 4.3 A / 60 – 1000 VA
F414/127	110 Vac 50 Hz	0.5 – 9 A / 60 – 1000 VA

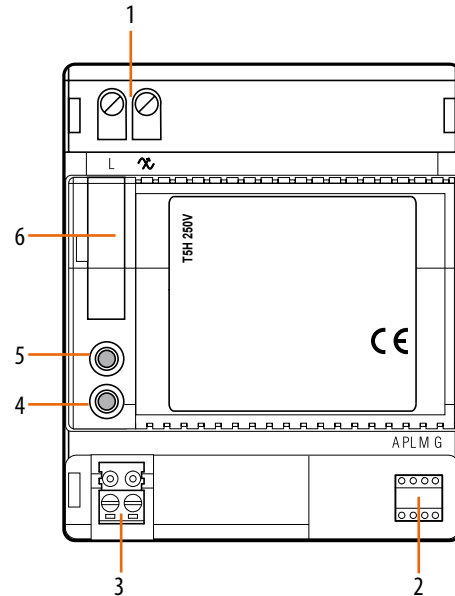
F415 Power/Consumption of driven loads:

		Electronic transformers *)
		
F415	230 Vac 50 Hz	0.25 – 1.7 A / 60 – 400 VA
F415/127	110 Vac 50 Hz	0.9 – 3.6 A / 60 – 400 VA

NOTE *): For incandescent lamps (eg halogen) at low voltage

Dimensions

Size: 4 DIN modules



Legend

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

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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.

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	G = 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. Only for point-point control. With the OFF control the Master actuator deactivates; the Slave actuator deactivates after the time set with the configurators has elapsed.

The ON control activates the Master actuator and the Slave actuator at the same time. The next OFF control deactivates the Master actuator and keeps the Slave actuator active for the period of time set with configurator 1 - 4 connected to M of the Master actuator as indicated in the table.

To use the "Actuator as a slave with PUL function" and adjust the "Minimum brightness level at power-on" use MYHOME_Suite virtual configuration

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Wiring diagram

