Dimmer actuator in DIN module

F414 - F415

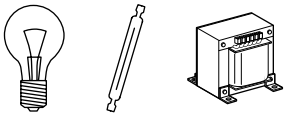
Description

Item F414 and item F414/127 controls resistive loads and ferromagnetic transformers while item F415 and item F415/127 controls electronic transformers.
After connecting the dimmer directly to the BUS and to the load, the light intensity can be adjusted from any correctly configured control point. Press the control pushbutton quickly to switch the load ON or OFF, while press it for longer to adjust the light intensity.
The actuator can signal any load problems such as, for example, the breaking of the lamp. It is also protected by fuse, which can easily be replaced if it blows.
The device may be installed in a MY HOME system and can be configured both physically and virtually, or as a component of the Lighting Management system, using specific configuration procedures (Plug&go, Project&Download).

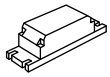
Technical data

Power supply from BUS:	27 Vdc
Operating power supply with SCS BUS:	18 – 27 Vdc
Absorption F414:	9 mA
Absorption F415:	22 mA
Number of outputs F414:	1x4 A
Number of outputs F415:	1x1,7 A
Operating temperature:	(-5) – (+45) °C
Dissipated power with max. load - F414:	10 W
Dissipated power with max. load - F415:	11 W

F414 Power/Absorption of driven loads:

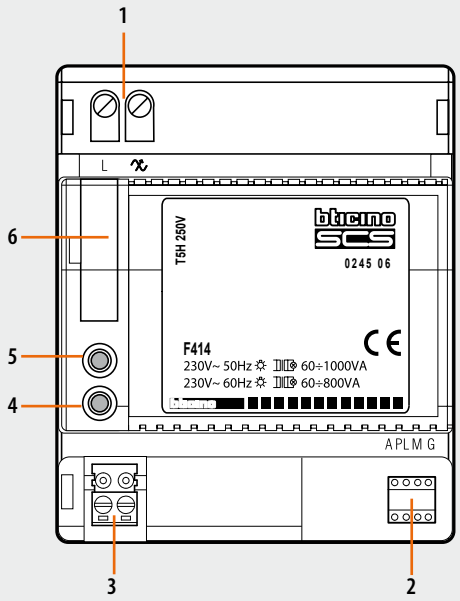
	Incandescent lamps - Halogen lamp - Ferromagnetic transformers
	
230 Vac	0.25 – 4.3 A / 60 – 1000 VA

F415 Power/Absorption of driven loads:

	Electronic transformer
	
230 Vac	0.25 – 1.7 A / 60 – 400 VA

Dimensional data

Size: 4 DIN modules



Legend

1. Load
2. Configurator socket
   (attention, it must only be used in MY HOME systems with physical configuration)
3. BUS
4. Key
5. LED
6. Fuse

BT00278-b-UK

Configuration MY HOME

When installed in a MY HOME system, the device may be configured in two ways:
- PHYSICAL CONFIGURATION, by connecting the physical configurators to their sockets.
- VIRTUAL CONFIGURATION, by connecting the system to the PC using the Kit or the web server. The Virtual configurator software must be installed on the PC.

Physical configuration

The actuator performs all the basic operating modes that can be configured directly on the control. Moreover further operating modes with the configurator in position M of the same actuator are listed in the table below.

Possible function	Configurator in M
Actuator as Slave. Receives a control sent by a Master actuator with the same address	SLA
Pushbutton (ON monostable) ignores Room and General controls	PUL
Master Actuator with OFF control delayed on the corresponding Slave actuator. 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 [1)]	1 – 4 [1)]

1) 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.

Configurator	Time (minutes)
1	1
2	2
3	3
4	4

Virtual configuration

Using the Virtual Configurator software it is possible to perform all the functions listed below:
- dimmer

Lighting Management configuration

When installed in a Lighting Management system, the device can be configured in the following ways:
- Plug&Go
- Project&Download,

Using the Virtual Configurator software it is possible to perform all the functions listed below:
- Dimmer

For more information on the functions see the glossary before the Technical sheets chapter.

Wiring diagram