Memory
module

F425

Description

The memory module is connected to a system and permanently saves the status of all the actuators configured to manage the lights, after each control sent.

This device is very useful in case of a black-out or short power cuts (minimum 400 mS), because it can reset the status of all the lamps controlled by the system once the power returns. The reset operations take about 10 seconds. Just one memory module can be connected to the BUS for each system installed (i.e. each power supply), unless two or more systems are being connected using the SCS/SCS gateway (item F422) configured in physical expansion mode. In this case just one is needed for all the systems connected together.

The device must be put into operation once the system is already installed and powered.

The multicolour LED indicates the status of the device:

- OFF: device too far from the power supply
- fixed green: normal operation
- fixed orange: system not yet acquired
- fixed red: device exclusion being performed
- flashing red: acquisition being performed
- flashing orange: wrong or missing configuration

Technical data

- Power supply from SCS BUS: 27 Vdc from BUS
- Operating power supply with SCS BUS: 18 – 27 Vdc
- Absorption: 5 mA
- Operating temperature: 0 - 40 °C
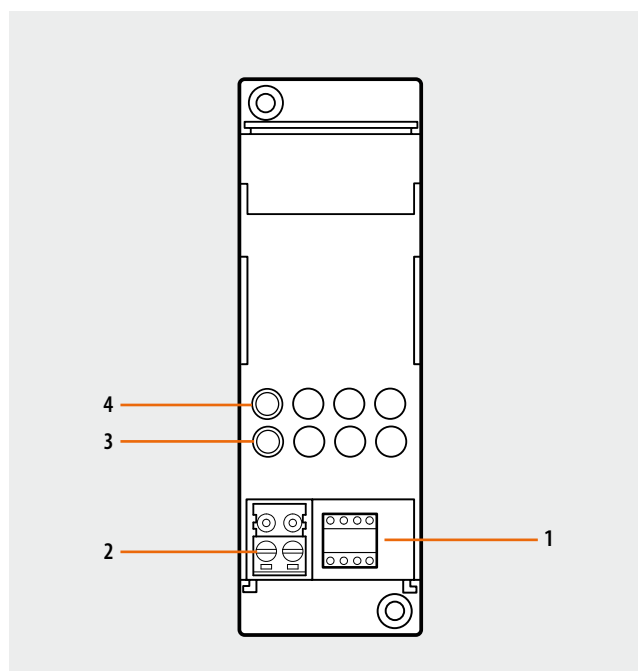- Dissipated power with max. load: 0.1 W

Dimensional data

Size: 2 DIN modules

Legend

1. Configurator socket
2. BUS
3. Multi-colour LED
4. Key

Configuration

- Connect the memory module, switch the BUS ON and make sure that the loads of the dimmers are connected and powered (all the loads must be OFF).
- Press the key on the front for at least five seconds, when the red LED turns on steadily release the key.
- Switch the loads which are not to be managed ON one by one (all the loads left OFF will be managed).
- Press the device key within 30 minutes, the red LED will start to flash quickly to show that the device is performing the learning procedure.
- After about 30 seconds the LED turns green steady to signal that the learning procedure has ended and the memory module is operative.
- If the programming procedure has not been completed within 30 minutes, the LED shines orange to signal that the system status has not been saved.

At the end of the programming procedure a test should be performed to check that the device is set correctly:

- Switch on some of the controlled loads (i.e. those not explicitly excluded during the programming procedure).
- Switch OFF, simulating a black-out, for at least 15 seconds.
- Switch back on again; after a few seconds the status of the controlled loads must be reset (i.e. those which were ON before the black-out must switch back ON), while the unmanaged loads must however remain OFF.

NOTES:
- Rolling shutter actuators are not managed.
- The memory module is configured using the Project&download procedure.
- The timed switchings ON will be activated as simple switchings ON.
- It is important to configure the Memory module with an address A and PL different from that of an actuator. We thus recommend using A=0 and PL=1 - 9, which cannot be used by actuators.
- For modifications to the system, repeat the save procedure..

WARNING:
The memory module is installed near the power supply (possibly in the same electrical panel); the distance must not however be greater than 10 metres.