

SCMD4

4 Loop Addressable DALI Controller - DIN Rail mount

Key Features

- DALI controller can individually dim, switch and monitor up to 256 DALI addressable ballasts
- 64 groups per DALI loop
- Includes ability to control and test DALI emergency fittings
- Supports Eaton DALI sensors and control panels.
- 2 configurable volt free inputs
- DMX control
- RS485 control
- Connects to the iLight network via screw terminals
- 4 Internal DALI loop power supplies
- Each loop has a dedicated test/overide button allowing the installer to test or overide the instalation prior to commisioning
- DALI loop LED status indicators
- Configuration stored in Non Volatile EEPROM
- Firmware storage in reflashable FLASH memory over iCAN network
- Configurable start up mode
- DIN rail mount with lugs for wall mounting if required
- CE compliant to all relevant standards
- Designed and manufactured to ISO9001:2008 standards





Overview

The SCMD4 is a 4 Loop DALI ballast controller enabling dimming and switching of up to 256 individual addressable DALI devices including luminaires and Eaton DALI relays. Eaton DALI multisensors and control panels can be added to the DALI loops creating a complete DALI solution. Each DALI loop supports up to 64 groups and can monitor the performance of DALI addressable devices and report status back through iCANnet. Emergency light tests and reporting can also be instigated through this versitile lighting controller.

SCMD4 features direct DMX and RS485 control allowing the unit to be integrated with other systems. The switch inputs provide connection to fire or security systems or the use of remote switches and sensors. Additional switches and sensors can be connected onto the iCANnet network using iLight's wide range of interfaces.

The compact design of SCMD4 delivers system flexibility as well as reducing installation costs and space used. Being part of the iLight system, it can be seamlessly integrated into flexible architectural lighting schemes with any type of lighting load for commercial and redidential applications. Integration with Building Management Systems allows for centralised control and management of the lighting system.

Mechanical

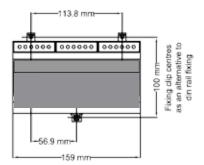
Weight: 0.35 kg

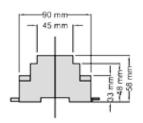
Operating temperature: +2°C to +50°C

Note: All enclosures must be adequately ventilated

Max storage temperature: +60°C Humidity: +5 to 95% non-condensing Environmental protection: IP1X

Dimensions





Electrical

Supply: 230 volts -/+ 10%, 50/60 Hz Terminals max. wire size: 2.5mm²

Switch inputs: 2, configurable as break or make,

max wire size 2.5mm²

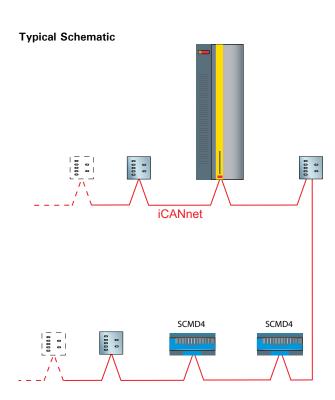
iCANnet™ inputs/output: Screw terminals

DALI output screw terminals: Max wire size 2.5mm² DALI signal: Nominal 16V, max current 250mA supplies to

each loop

DMX signal: Addressable in iCANsoft, DMX512-A Maximum load: 3 Amp single phase @ 40°C

Terminals max wire size: $1 \times 2.5 \text{mm}^2$ or $2 \times 1.5 \text{mm}^2$ per circuit Protection: Provided by installer - Use supply MCB, 6A or less



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