

SCMS0410

4 Channel x 10 Amp Switching Controller - DINrail Mount

Key Features

- 4 x 10 Amp switching source controller
- DIN rail mount with lugs for wall mounting if required
- Switches resistive, inductive and capacitive lighting loads
- Single or multi phase operation
- Controlled via iCANnet or DALI
- Quiet operation
- Configuration stored in Non Volatile EEPROM
- Firmware storage in reflashable FLASH memory over iCAN network
- Configurable start up mode
- Circuit protection installed separately as required
- CE & UKCA compliant to all relevant standards
- Designed and manufactured to ISO9001 standard



Overview

This 4 channel 10 amp switching unit provides outstanding features and performance at a truly competitive price. It is rated at a maximum total load of 40 amps of continuous inductive lighting load. This unit is designed for switching lighting loads of most types or can be utilised where volt free switching is required.

With iLight network connectivity, it has the ability to be linked with a virtually limitless number of other products to build up to any size of system.

Mechanical Data

Weight: 0.25kg

Operating temperature: +2°C to +50°C

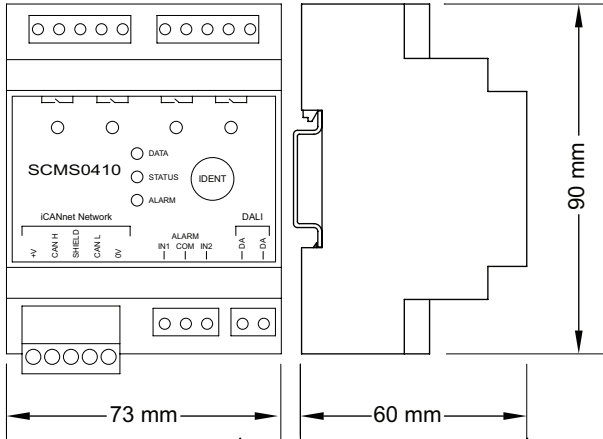
Note: All enclosures must be adequately ventilated

Max storage temperature: +60°C

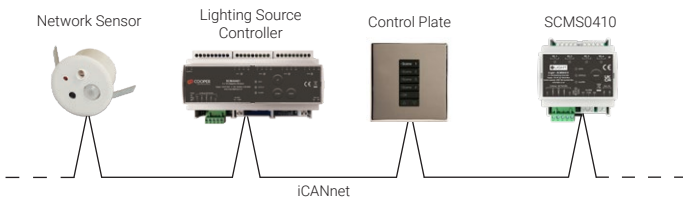
Humidity: +5 to 95% non-condensing

Environmental protection: IP20

Dimensions



Typical Schematic



Electrical Data

Maximum Load: 40 Amp @ 50°C

Maximum Channel Current: 10 Amp

Load Protection: Provided by installer.

Control Supply: 150mA quiescent current.
(Recommended: 200mA 15V DC Supply)

Terminal Sizes (Capacity per terminal):

- Load screw terminals: 2x1mm² or 1x 2.5mm²
- DALI input screw terminals: 2x1mm² or 1x 2.5mm²
- Input screw terminals: 0.2mm² to 1mm²
- iCANnet™ input/output screw terminals: 5 x 1mm²

Terminal Torque Setting: 0.5Nm

Installation: Installation must be carried out by a suitably qualified electrician.

Load Data

Load types: this unit is designed to work with most lighting load types. Please consult with the iLight help desk for guidance on true load calculations. Care should be taken when specifying discharge lighting sources with power factor capacitors.

4 x 10A relays, 120 – 250V AC +/-10%, 50/60 Hz, Volt free

DC switching - Max 24V DC - 10A

Control Data

Control: Via iLight network connection or DALI connection.

Recommended Network Cable: iCANnet™ Network Cable

Programming: Via Device Editor software.

DALI Endpoint

When used as a DALI endpoint, SCMS0410 will consume 2mA from the DALI line.

DALI address quantity: 4

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