

SCMC0210

2 Channel 10 Amp Shading Controller – DINrail Mount

Key Features

- Controls 2 sets of motorised shades, curtains or blinds
- Mounts to standard Top Hat (TS35) DINrail
- Integral processor
- 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
- CE & UKCA compliant to all relevant standards
- Designed and manufactured to ISO9001 standard



Overview

The SCMC0210 is a 2 channel shading controller providing outstanding features and performance in a truly competitive and compact package.

SCMC0210 is factory configured to provide independent control of 2 sets of 3 wire shades, curtains or blinds. Each shading channel is rated at 10Amp max. The individual relays operating only as pairs.

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

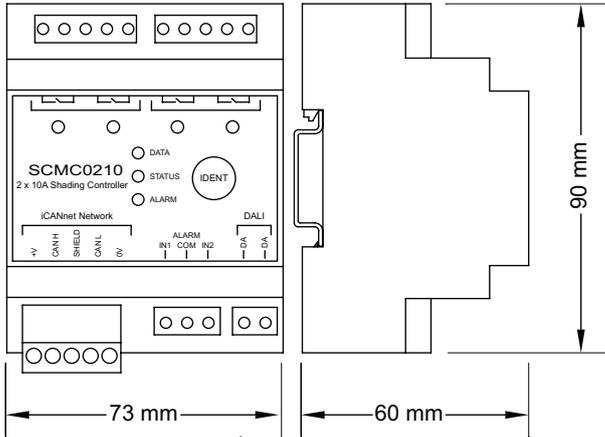
Note: All enclosures must be adequately ventilated

Max storage temperature: +60°C

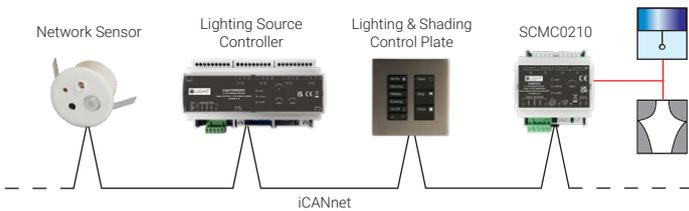
Humidity: +5 to 95% non-condensing

Environmental protection: IP20

Dimensions



Typical Schematic



Electrical Data

Maximum Load: 20 Amp @ 50°C

Maximum Channel Current: 10 Amp

Load Protection: Provided by installer.

Control Supply: 90mA 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

2 x 10A relay pairs

3 wire shade control - 120 – 250V AC +/-10%, 50/60 Hz

3 wire shade control - Volt free (No minimum load)

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, SCMC0210 will consume 2mA from the DALI line.

DALI address quantity: 2

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SCMC0210 Rev8 0723

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FM 727924