

SCMI0402-G2

4 channel - 2A Leading edge phase cut dimmer

Key Features

- Up to 2A load per channel (Device maximum load 5A)
- DIN rail mount with lugs for wall mounting if required
- Dims resistive, inductive, compatible LED and low voltage electronic transformer loads & TRIAC/leading edge dimmable loads
- Quiet operation
- Connects directly to the iCANnet network
- Alarm inputs
- Device temperature management
- 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 compact lighting controller provides up to 5A of leading edge phase dimming across four channels.

The outputs provide control of continuous inductive lighting loads. They are suitable for resistive, inductive, LED and low voltage electronic transformer loads (TRIAC/leading edge dimmable).

SCMI0402-G2 features 'Scaled' dimming, making it possible to set the dimming range to meet the characteristics or response of an LED load - Ideal where potentially the first and last few percent of the standard dimming range does not perform as well. The device also employs 'hard fired' TRIAC control for smoother and more accurate management of the loads.

Two inputs provide the opportunity to not only connect an alarm but a wide range of peripheral volt free contact devices.

With iLight network connectivity, the SCMI0402-G2 can be linked with a virtually limitless number of other iLight products to build a system of any size.

Mechanical Data

Weight: 0.4 kg

Operating temperature: +2°C to +50°C

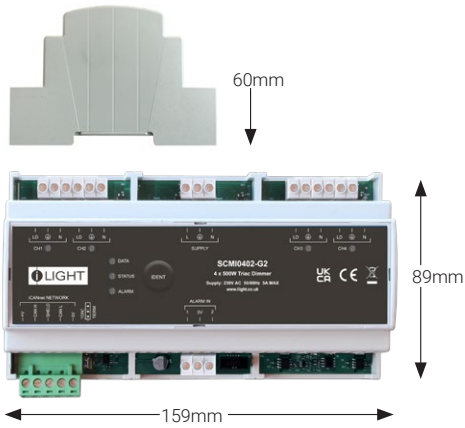
Note: All enclosures must be adequately ventilated

Max storage temperature: +60°C

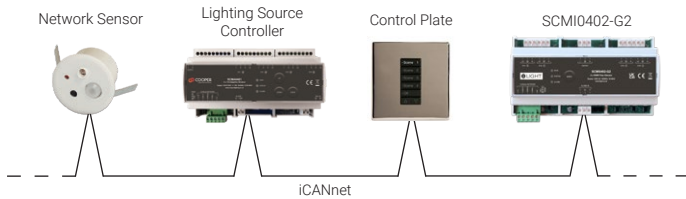
Humidity: +5 to 95% non-condensing

Environmental protection: IP20

Dimensions



Typical Schematic



Electrical Data

Supply: 230 volts +/- 10%, 50/60 Hz

Maximum Device Load: 5Amp @ 50°C

Maximum channel current: 2A

Channel 1 & 2 (Pair of channels): 2.5A MAX

Channel 3 & 4 (Pair of channels): 2.5A MAX

Load Protection: Provided by installer

Control Supply: 75mA from iCANnet

Terminal Sizes (Capacity per terminal):

Supply/Output screw terminals: 2x1mm² or 1x 2.5mm²
or 1x 4mm²

Input screw terminals: 0.2mm² to 1mm²

iCANnet™ input/output screw terminals: 5 x 1mm²

Input cable length: 30m MAX

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

Load Data

Load types: Providing control of continuous inductive lighting loads. Suitable for resistive, inductive, LED and low voltage electronic transformer loads (leading edge dimmable). Please consult with the iLight help desk for additional guidance.

Control Data

Control: Via iLight network connection

Recommended Network Cable: iCANnet™ Network Cable

Programming: Via Device Editor software.

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