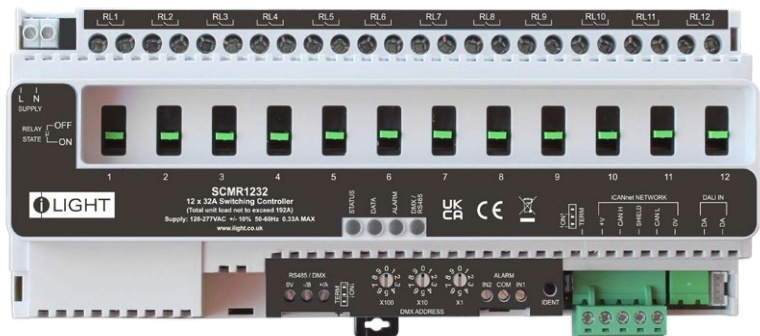


# SCMR1232

## iCANdin - 12 Channel 32 Amp Feed Through Relay Controller

### Key Features

- 12 x 32 Amp feed through relays
- Any phase on any input
- Mounts to standard Top Hat (TS35) DINrail
- Switches resistive, inductive and capacitive lighting loads
- Intelligent 'Built in' propagation delay for switching sequence 1-12
- Manual override of any channel
- Integral processor
- iLight network terminal connections
- DALI in (12 address DALI end device)
- RS485 / DMX512 in
- 2 x Auxiliary Inputs
- 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

This 12 channel feed through relay unit provides outstanding features and performance in a truly competitive and compact package. Each channel is rated for up to 32 amps and is designed to sit on load lines to switch heavy loads of all types.

With iLight network, DMX and DALI connectivity, it has the capability of being linked with a virtually limitless number of other products to build up to any size of system. This product is designed for projects where high power switching is required including metal halide and high pressure sodium lamps as well as non-lighting loads of any voltage up to 230VAC.

## Mechanical Data

Weight: 0.8kg

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

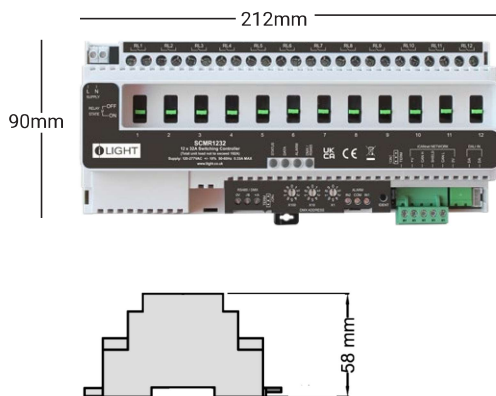
Environmental protection: IP20

Installation: Installation must be carried out by a suitably qualified electrician and installed in a suitable DINrail enclosure.

## Software

For programming SCMR1232, Device Editor V2.11.1 is required (Packaged with iCANsoft V3.1.7 or later).

## Dimensions



## Electrical Data

Mains supply: 100 - 277V AC, 50/60 Hz

Control: Via iLight network connection or DMX or DALI

Terminal Sizes (Capacity per terminal):

Supply/Load screw terminals: 2x1mm<sup>2</sup> or 1x 2.5mm<sup>2</sup>

Input screw terminals: 0.2mm<sup>2</sup> to 1mm<sup>2</sup>

iCANnet™ input/output screw terminals: 5 x 1mm<sup>2</sup>

Terminal Torque Settings:

Supply, input, iCANnet terminals: 0.5Nm

Load (Relay) terminals: 2Nm

Integral iLight Network Power Supply: 15V 100mA

Protection: Provided by installer.

To be installed in a suitable enclosure

Output channel current: Maximum 32A\* at 40°C

(Total unit load not to exceed 192A)

Note: Fully loaded channels should be spaced every other channel to prevent heat buildup.

Relay outputs: Volt free capable of switching inductive and resistive loads

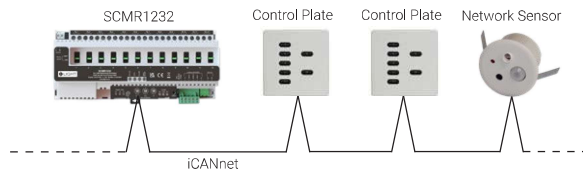
\* 32A resistive per channel @ 40°C

20A capacitive per channel @ 40°C

DALI Endpoint: When used as a DALI endpoint, SCMR1232 will consume 2mA from the DALI line.

DALI address quantity: 12

## Typical Schematic



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