



SCMH1200

iCANdin - 12 Channel DINrail Mount HF Controller

Key Features

- 12 channel device
- 1-10V, 0-10V, DSI and DALI outputs
- 128 scene memory
- Connects to the iLight network via screw terminals
- Fail to full safety feature
- iLight iCANnet™ network inputs
- DALI in (12 address DALI end device)
- Future proof with FLASH memory
- CE compliant to all relevant standards
- Designed and manufactured to ISO9001:2015 standards



Overview

This SCMH1200 is a DINrail mount 12 channel HF ballast controller. Each channel may be configured to provide 1-10V or 0-10V control for analogue devices or DSI or broadcast DALI ballast control.

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



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Mechanical

Weight: 0.35kg

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

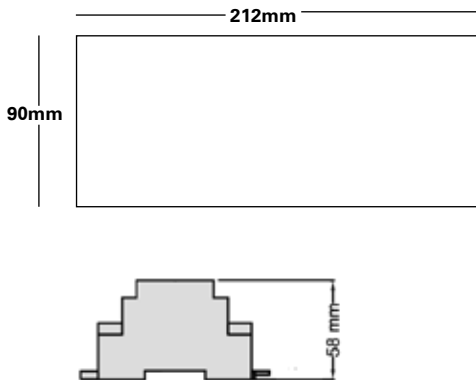
Environmental protection: IP20

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

Software

For programming SCH1200, Device Editor V2.11.1 or later is required (Packaged with iCANsoft V3.1.7 or later)

Dimensions



Electrical

Control: Via iLight network connection or DALI

Integral iLight Network Power Supply: 15V 500mA

Maximum Load: There is no load control. Power switching is achieved by the DSI / DALI ballasts themselves.

Supply: 1 x 230 volts +/- 10% 50/60 Hz

Load Types:

Broadcast DALI, 100mA

(80 per channel do not exceed 500 ballasts in total).

DSI, 100mA (80 per channel)

0-10V control, 50mA source current

1-10V control, 50mA sink current

Switched Relay Outputs: None

Use: *SCMH0410* for relays and low voltage control, *SCMR1232* and *SCMR0432* for feed through (latching) relays, *SCMC0410* for change over relays and low voltage control.

Terminal Sizes:

Incoming supply, max' cable size: 2.5mm²

Ballast output, max' cable size: 2.5mm² per terminal

iCAN network cable type: Belden 1502 or equivalent

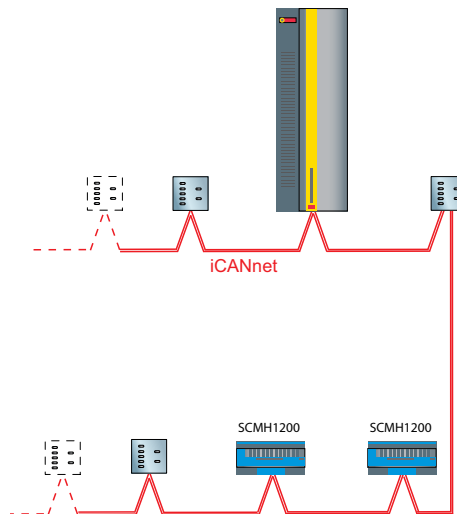
Memory:

FLASH memory to be able to upgrade firmware

EEPROM for 128 scene memory

Fade Times: 0.1 seconds to 60 minutes

Typical Schematic



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Document No: SCMH1200 Rev7 0818

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