SCMH1200

12 Channel DINrail Mount Digital Dimming Controller

Key Features

- 12 channel device
- Broadcast DALI, DSI or 1-10V control
- 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 & UKCA compliant to all relevant standards
- Designed and manufactured to IS09001 standard

Overview

This SCMH1200 is a DINrail mount 12 channel digital dimming controller. Each channel may be configured to provide Broadcast DALI, DSI or 1-10V 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.

Mechanical Data

Weight: 0.35kg

Operating temperature: +2ºC to +50ºC

Note: All enclosures must be adequately ventilated

Max storage temperature: +60ºC

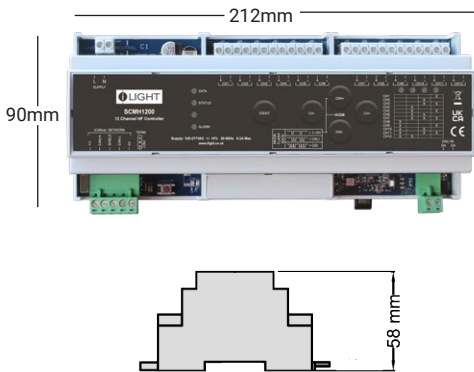**Humidity:** +5 to 95% non-condensing

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

Typical Schematic

iCANnet

Electrical Data

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

Supported Load Types:
DALI (Broadcast), source, 100 mA per channel
DSI, source, 100 mA per channel
0-10V, source, 50 mA per channel
1-10V, sink, 50 mA per channel

Recommended quantities of drivers/ballasts:
Maximum of 50 per channel
Maximum of 500 per SCMH1200 unit

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
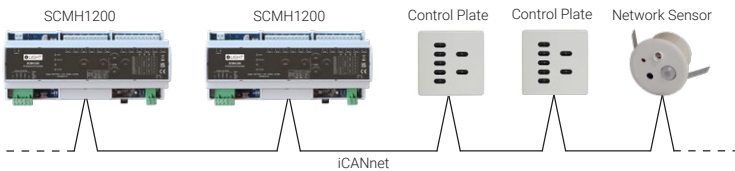**iCAN network cable type:** Belden 1502 or equivalent

Memory:
FLASH memory to be able to upgrade firmware
EEPROM for 128 scene memory
Fade Times: 0.1 seconds to 60 minutes

UK CA

CE

bsi ISO 9001 Quality Management Systems CERTIFIED
FM 727924