

# Installation Guide

## SCMH1200

12 Channel DINrail  
Mount HF Controller



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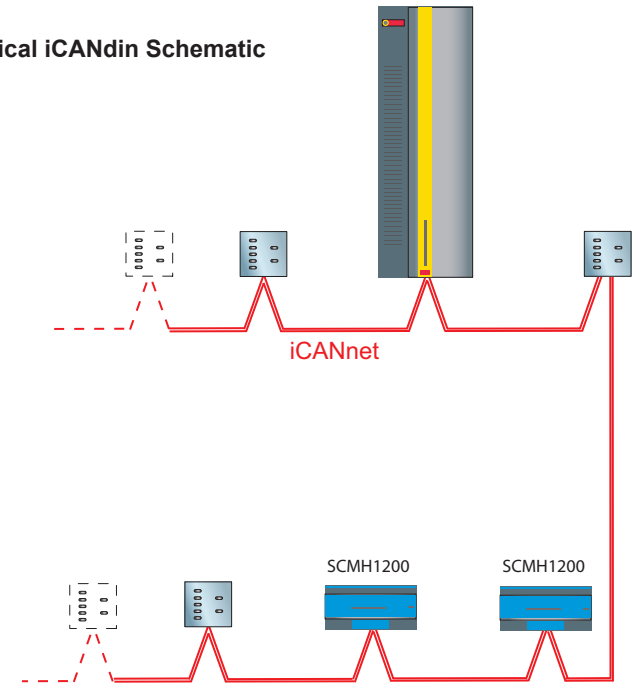


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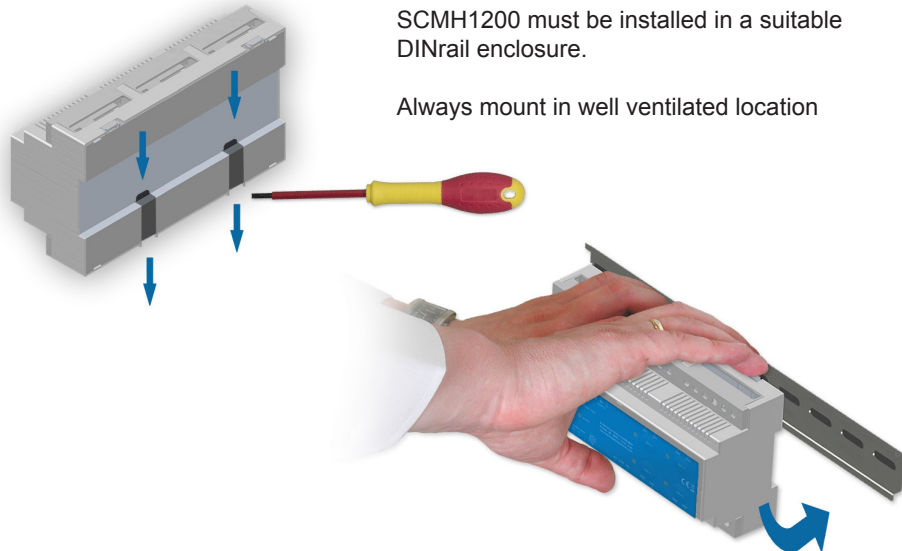
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### Typical iCANdin Schematic



## ① Mounting



SCMH1200 must be installed in a suitable DINrail enclosure.

Always mount in well ventilated location

## ②

### Electrical & Mechanical

**Supply:** 100-230V ~50Hz 0.1-0.2A

**Control:** Via iLight network connection or DALI BUS connection.

**Rating:** There is no load control.

**Protection:** Provided by installer

#### Load Types:

DALI (broadcast DALI only), 50 devices per channel (Max 600 per unit).

Tridonic DSI HF Fluorescent Ballast, 50 devices per channel (Max 600 per unit).

1-10V control, 50mA source / sink (Max 600 per unit).

**Switched Outputs:** None

**Terminal Sizes:** Incoming supply, max' cable size: 2.5mm<sup>2</sup>.

Ballast output, max' cable size: 2.5mm<sup>2</sup> per terminal

iCAN network cable type: Belden 1502 or equivalent

**Ambient temperature:** 2°C – 50°C

**Relative humidity:** 5% - 95% max, non-condensing

**IP rating:** IP1X

**Installation:** Installation must be carried out by a suitably qualified electrician and installed in a suitable DINrail enclosure rated for the intended environment.

**Dimensions:** 212mm (w) x 90mm (h) x 58mm (d)

**Weight:** 0.35kg

#### Software

For programming SCMH1200, Device Editor V2.11.1 or later is required (Packaged with iCANsoft V3.1.7 or later)

③

**SCMH1200**  
12 Channel DINrail  
Mount HF Controller

**Incoming Supply**  
100 - 230V ~ 0.1A - 0.2A

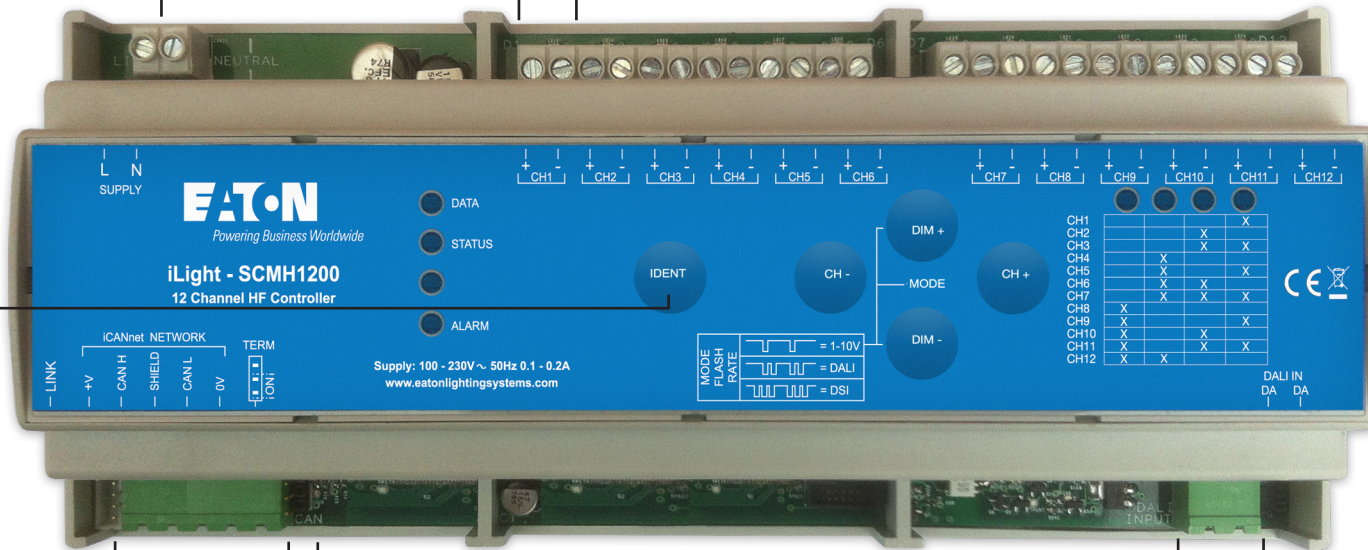
**Output channels.**  
1-10V / DSI / DALI

**Device Identification Switch**

**Connection to the iLight Network**

**iLight Network Termination**

**DALI Input**



④ **Device LEDs and Buttons**

**Status LED**  
Green LED flashes – device OK

**Data LED**  
Red LED flashes when messages sent on network.

**Alarm LED**  
Red LED flashes for network initiated alarm

**Device Identification**  
Press and release switch.  
Sending a message to identify the device on the network (red Data LED flashes).