

Installation Guide

SCMR1232

12 x 32A Relay Controller



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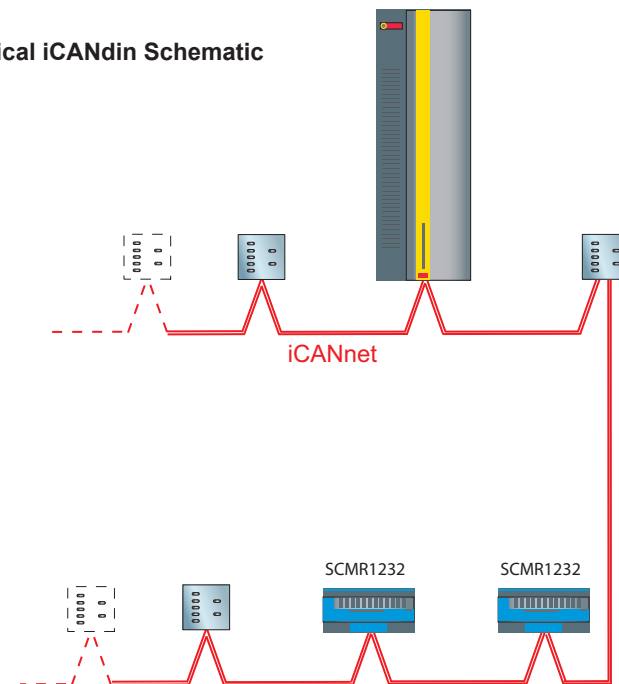
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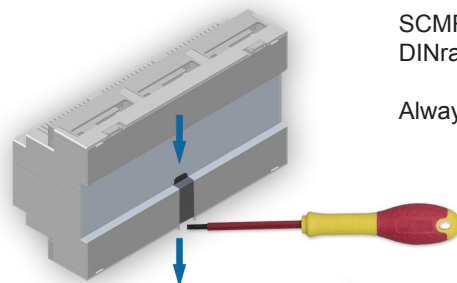
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Typical iCANdin Schematic

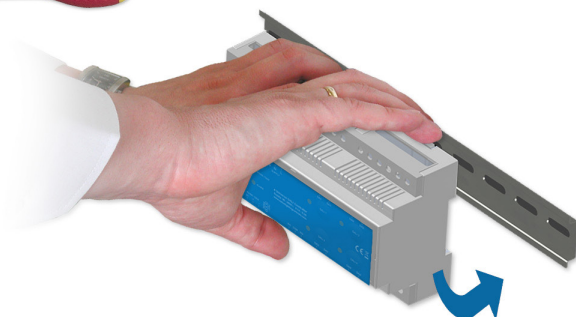


① Mounting



SCMR1232 must be installed in a suitable DINrail enclosure.

Always mount in well ventilated location



②

Electrical & Mechanical

Control: Via iLight network connection

Rating: 32A* per channel @ 40°C

Protection: Provided by installer

Output channel current: Maximum 12 x 32A*

(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

Terminal Sizes: Loads - maximum cable size: 1 x 10mm² per circuit

Ambient temperature: 2°C – 40°C

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

IP rating: IP20

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

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

Weight: 0.8kg

Software

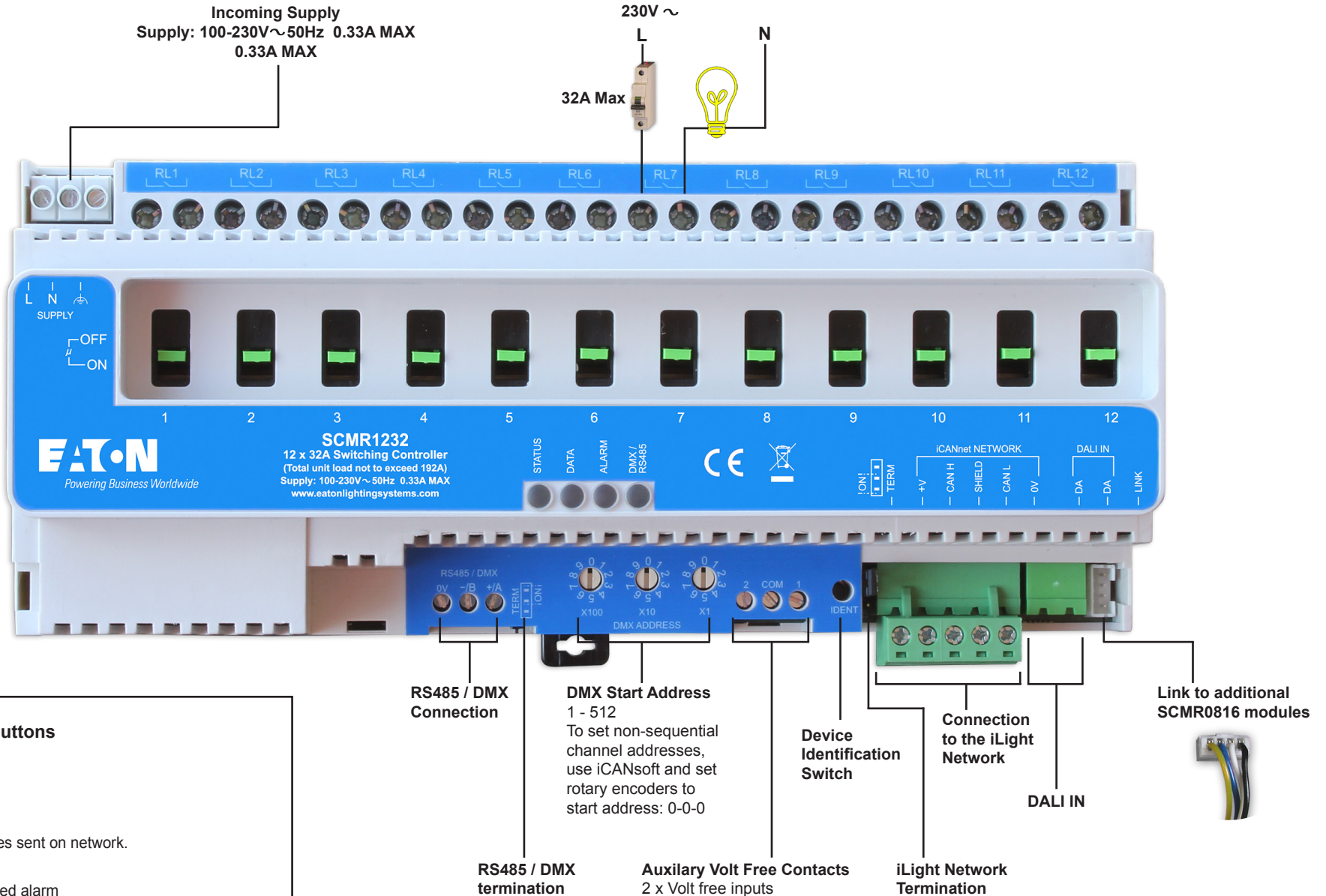
For programming SCMR1232, Device Editor V2.11.1 is required (Packaged with iCANsoft V3.1.7 or later)

* 32A resistive per channel @ 40°C - 20A capacitive per channel @ 40°C

③

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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 solid on for local initiated alarm
Red LED flashes for network initiated alarm

RS485 / DMX LED
Green LED flashes when DMX or RS485 messages are sent or received

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

RS485 / DMX Connection

RS485 / DMX termination

DMX Start Address
1 - 512
To set non-sequential channel addresses, use iCANsoft and set rotary encoders to start address: 0-0-0

Auxiliary Volt Free Contacts
2 x Volt free inputs

Device Identification Switch

iLight Network Termination

Connection to the iLight Network

DALI IN

Link to additional SCMR0816 modules