

# Installation Guide

## SCMD4

4 Universe Addressable  
DALI-2 Controller



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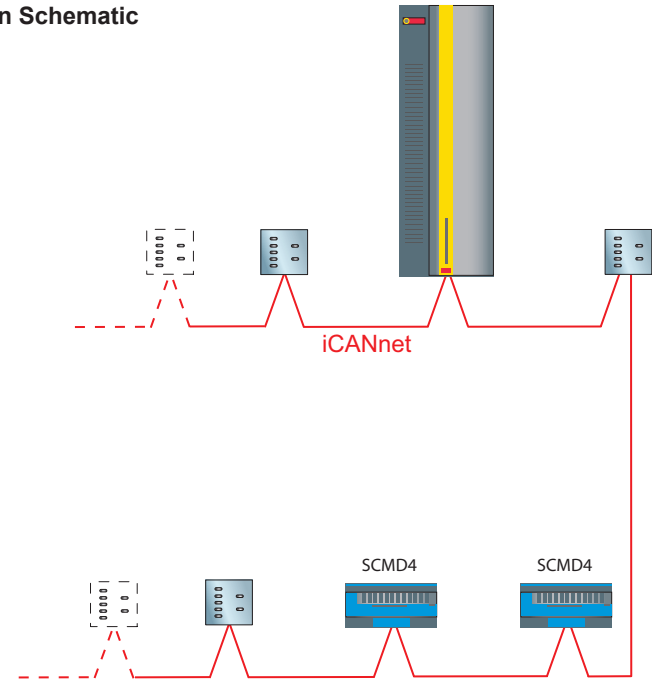


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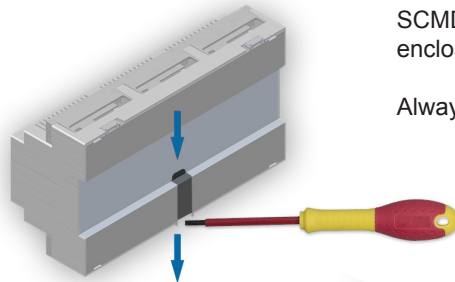
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### Typical iCANdin Schematic

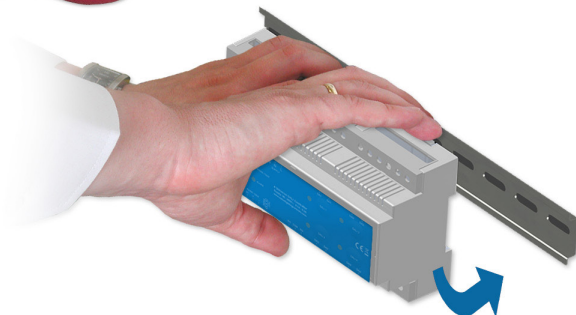


### Mounting



SCMD4 must be installed in a suitable DINrail enclosure.

Always mount in well ventilated location



### Mechanical

- Weight: 0.35 kg
- Operating temperature: +2°C to +50°C
- 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 rated for the intended environment.

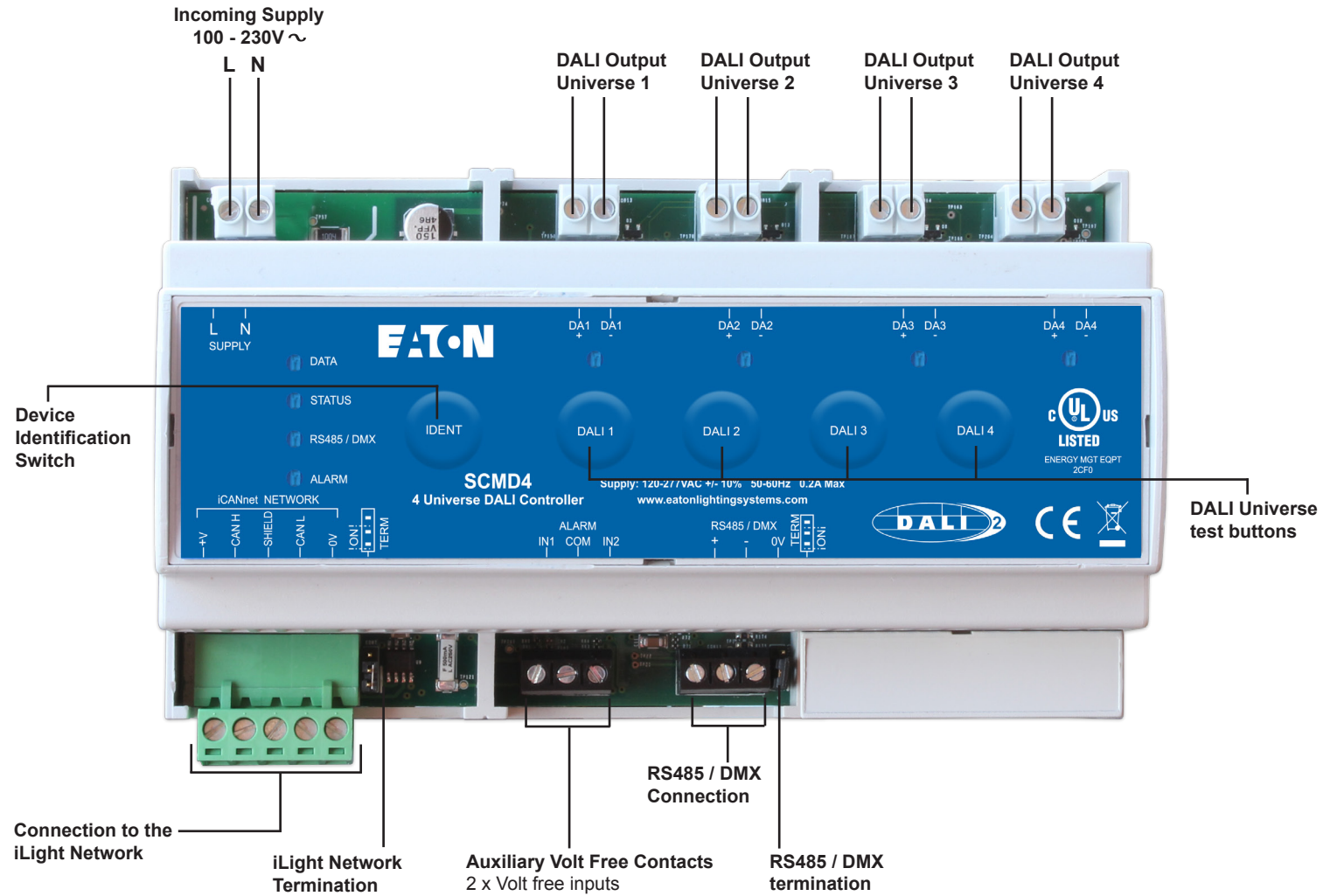
### Electrical

- Supply: 120 - 277VAC +/- 10%, 50/60 Hz, 0.2A Max
- Terminals max. wire size: 2.5mm<sup>2</sup>
- Switch inputs: 2, configurable as break or make, max wire size 2.5mm<sup>2</sup>
- iCANnet™ inputs/output: Screw terminals
- DALI output screw terminals: Max wire size 2.5mm<sup>2</sup>
- DALI signal: Nominal 16V, max current 250mA supplies to each universe. Guaranteed minimum current: 245mA. Short circuit protection in accordance with section 6.6.2 of IEC FDIS 62386-101.
- DMX signal: Addressable in Device Editor, DMX512-A
- Terminals max wire size: 1 x 2.5mm<sup>2</sup> or 2 x 1.5mm<sup>2</sup> per circuit
- Protection: Provided by installer

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**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).

**DALI LEDs**  
Yellow LED flashes when messages sent on DALI bus  
Yellow LED solid on - short circuit on DALI bus

**DALI Universe Test Buttons**  
10 second press to enter Test mode  
Sequential presses Broadcast all on all off  
10 second press to exit Test mode.