

QL-DL01

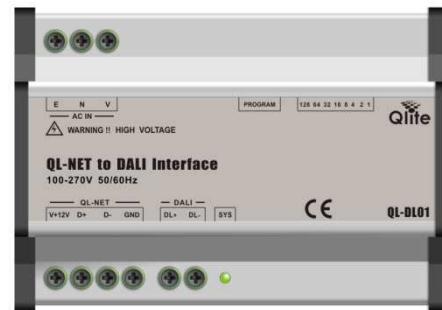
SINGLE CHANNEL DALI CONTROL MODULE

The QL-DL01 is a single channel DALI control module for small to medium sized lighting automation requirements. Each output can handle up to 64 DALI devices.

The DIN rail mountable module is totally self contained with its own integral PSU and can be configured as a part of a central system or as a standalone system.

This module can be fitted along with protection devices in the distribution board or into a cabinet with any other modules. The metal construction has been designed and built for safety, reliability & serviceability with standard DIN rail mountable fixing arrangement.

After power loss, on restoration the system will restore each channel to the "last scene selected" prior to the power loss.



- Operates in Stand-alone mode and centralized mode
- Each output can control up to 64 DALI devices
- Software allows addressing of connected DALI devices
- Up to 99 zones and 255 sub-zones configurable
- DIN rail mountable

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Specifications

Power Supply

100-270V AC, 50/60 Hz

Power Requirement

30mA @ 240V AC

Weight

300g

QL NET Power Supply Capacity

400mA

Protocol

QL NET

Output Rating

64 DALI controlled devices (voltage drop requires additional power supply to be added)

Connectors

QL NET : Non-detachable 4 pin 3.5mm connector

Power in : Non-detachable 3 pin 3.5mm connector

DALI : Non-detachable 2 pin 3.5mm connector

Programming Port : 2.54mm 8 pin bar connector

Configuration Buttons

Mini DIL switches

LED indicators

1 Green LED to show status

Environment

Ambient Temperature : 0°C to 50°C

Relative Humidity : less than 80%

Safety Regulatory Compliance

CE

Dimensions

126mm (W) x 88mm (H) x 57mm (D)

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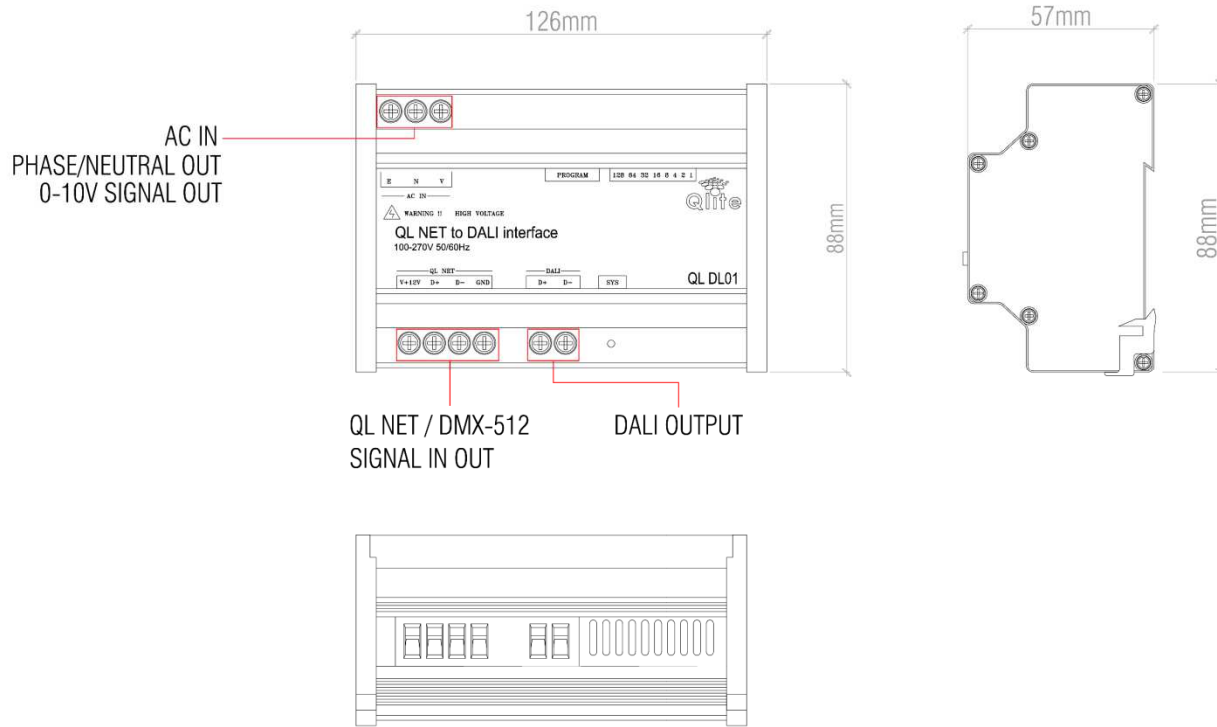


Fig 1. Module Details

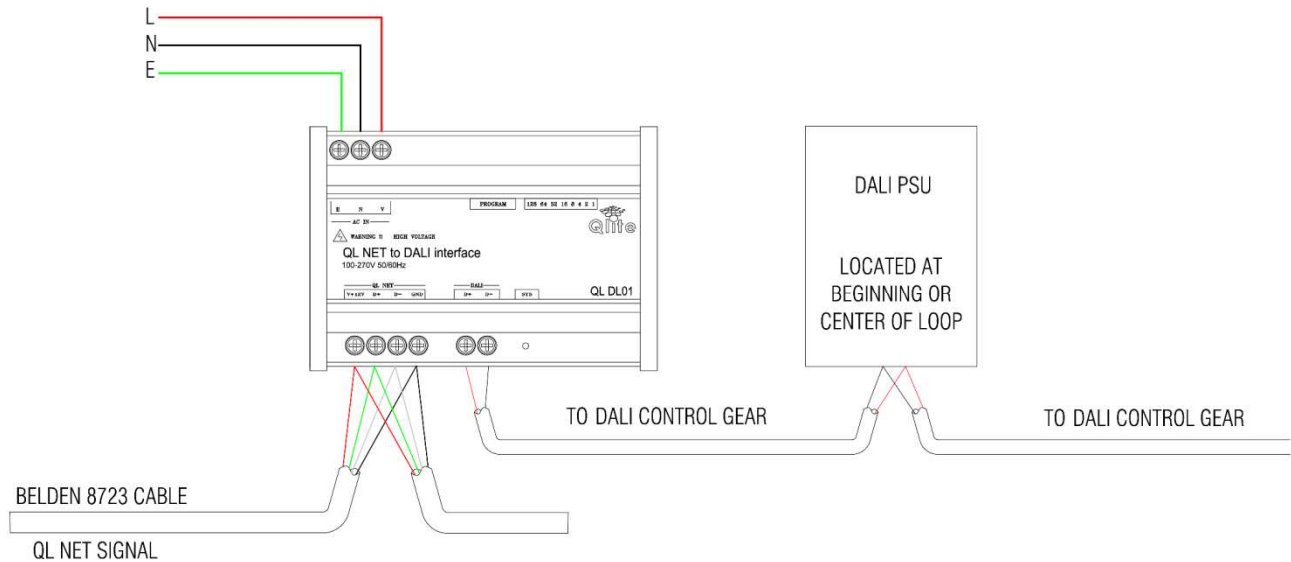


Fig 2. Module Connections