

# DALI Dimming Control Node

## DALI POWERED



### Wiring

Terminate cables into connections as per wiring diagram below.

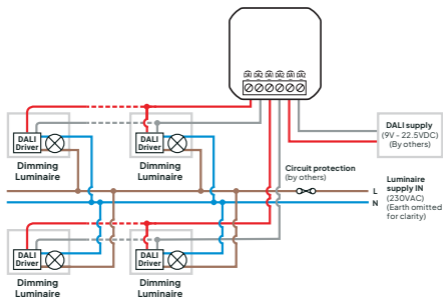
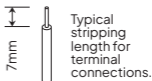


Fig.1 Wiring for DALI dimming driver(s) using Broadcast DALI.

Drivers have permanent live feed; they switch and dim using DALI dimming driver connections. Maximum number of drivers will depend on the DALI PSU loading and circuit design (by others).

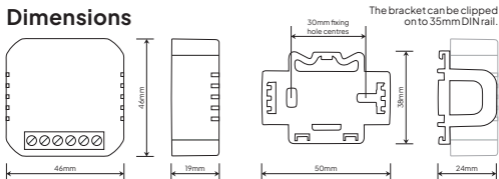
Please Note! DALI Circuit is not SELV. Therefore all DALI cabling must be suitable for mains voltage.



**WARNING:** This device should be installed by a qualified electrician in accordance with the latest edition of the UK Wiring regulations.

This device has been designed to be installed either in a (non-metallic) enclosure, or inside a luminaire.

## Dimensions



## Specifications

|                                    |  |                          |   |
|------------------------------------|--|--------------------------|---|
| <b>Supply Voltage</b>              | Via DALI PSU (9.5VDC to 22.5VDC)         | <b>Material (Casing)</b> | ABS Dev962 UL 94 VO   |
| <b>Parasitic Power Consumption</b> | 15mA                                     | <b>Compliance</b>        | 2014/35/EU Low Voltage Directive                                |
| <b>Max Cabling Length</b>          | 50m                                      |                          | 2014/30/EU Electromagnetic Compatibility Directive              |
| <b>Circuit Protection</b>          | ≤10A MCB Type C                          |                          | 2014/53/EU Radio Equipment Directive                            |
| <b>Terminal Capacity</b>           | 0.5mm <sup>2</sup> to 1.5mm <sup>2</sup> |                          | 2011/65/EU Restriction of Hazardous Substances (RoHS) Directive |
| <b>Working Temperature</b>         | -10 to +50°C                             |                          |   |
| <b>Unit Weight</b>                 | 0.02kg                                   |                          |   |

## BLE (Bluetooth) Transceiver

|                            |           |                                     |        |
|----------------------------|-----------|-------------------------------------|--------|
| <b>Protocol</b>            | Bluetooth | <b>Transmission Power</b>           | 10 dBm |
| <b>Operation frequency</b> | 2.4 GHz   | <b>Control Node to Sensor Range</b> | 30m    |



Scan QR code for full product datasheet



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