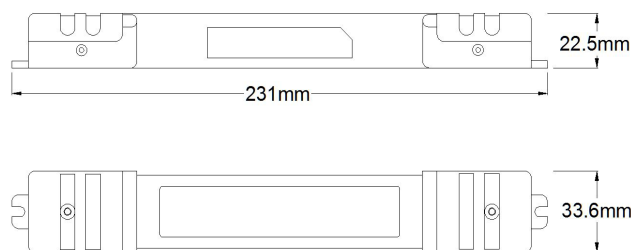
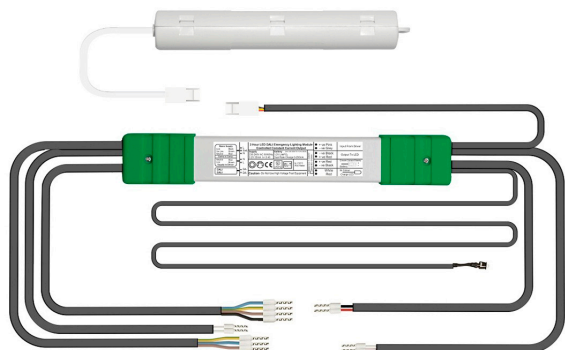


# Technical Specification

## D2N/2/TP40/R - High Output Two Part Remote DALI-2 Self-Test Conversion Range



Fixing Centres 224mm

The D2N/2/TP40/R range is supplied with strain relief cables for mounting remotely from the luminaire. The control gear and battery will pass through a 40mm, or greater aperture.

- Slim Module Suitable for Smaller Apertures
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO<sub>4</sub> Batteries
- Average Emergency Power - 5W
- DALI-2 Self-Test Conversion Module
- Features Battery Temperature Protection

A 3 hour DALI-2 self-test emergency lighting conversion kit which operates with Long Life LiFePO<sub>4</sub> batteries. The unit is designed to suit an extremely wide range of LED types and circuits. The D2N/2/TP40/R automatically adjusts the output LED current to provide the best match between the battery and the load, providing maximum illumination whilst ensuring full battery duration.

There are 2 main versions available -

The charger will cut-off if the Tc of the battery falls below 0 degrees C or above 55 degrees C. The product will however operate when required in emergency, should there be enough capacity remaining in the battery.

### Order Codes

D2N/2/TP40/R	For LED loads operating in the Voltage range of 10 - 55 Volts.
D2N/2/80/TP40/R	For LED loads operating in the Voltage range of 10 - 80 Volts.

### Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Module Ta	50 °C
Power Rating (charging) *	4W 21mA $\lambda = 0.79$	Max Module Tc	70 °C
Power Rating (charging) *	1.4W 12mA $\lambda = 0.48$	Battery Temp. Parameters	0°C to 55 °C
Duration	3-Hours	Battery Discharge Current	900mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	5 Volts
Battery Size & Type	6.4V 3.8Ah LiFePO <sub>4</sub> Cell	Ingress Protection	IP20
Charge Current	225mA Nominal	Ferruled Cables	0.5mm <sup>2</sup> & 0.75 mm <sup>2</sup>
Module Weight	0.12Kg	Module Dimensions (LxWxH)	231 x 33.6 x 22.5 (f/c 224mm)
Battery Weight	0.24Kg	Battery Dimensions (LxØ)	160mm x 34.5mm

\* Following its initial charge, the D2N/2/TP40/R module will spend 90% of its operational life in standby mode.

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