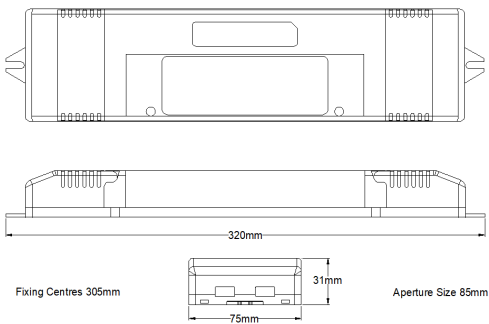


Technical Specification
T2N/2/SP85/R - High Output
High Voltage Remote DALI-2 Self-Test Range



- DALI-2 Self-Test Conversion Kit
- Deep discharge protection
- Complete Kit Housed in One Enclosure
- Extra Long Life LiFePO4 Batteries
- Converts LED Loads from 50-300 Volts
- Moulded in High Grade Polycarbonate
- Average Emergency Power of 4.3W
- Operates with LiteMesh Wireless Systems
- Features Battery Temperature Protection

There is one version available -

Order Codes

The T2N/2/SP85/R is supplied as a remote conversion kit for mounting away from the fitting. This kit would be used in applications where space inside the fitting is limited. A 3-hour DALI-2 self-test emergency lighting conversion kit which operates with extra long life LiFePO4 batteries. The unit is designed to suit an extremely wide range of LED types and circuits. The T2N/2/SP85/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. Please note that if mounting this kit more than 1m away from the luminaire, Fire Rated cable must be used to connect the pack to the fitting. (BSEN5266-1) 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, providing there is sufficient capacity remaining in the battery.

T2N/2/SP85/R	For LED loads, operating in voltage range of 50 - 300 Volts
--------------	---

Unit supplied in single part remote enclosure with cables for simple connection.

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Module Ta and Tc	Ta = 50 °C & Tc = 70 °C
Power Rating (Charging)	3.9W 21mA λ = 0.77	Battery Temp. Parameters	0 °C to 55 °C
Power Rating (Standby)	1.4W 12mA λ = 0.47	Charge Indicator	Bi-Colour on Flying Lead
Duration	3-Hours	Battery Discharge Current	950mA Nominal
Recharge Period	24-Hours	Discharge Voltage Limit (DDP)	5.0 Volts
Battery Size & Type	6.4V 3.8Ah LiFePO4 Cell	Ingress Protection	IP20
Charge Current	225mA Nominal	Terminal - Push Wire	0.5mm ² - 1.5 mm ²
Enclosure Material	Polycarbonate	Dimensions (LxWxH)	320mm x 75mm x 31mm
Weight	1.28Kg		

* After its initial charge, the T2N/2/SP85/R will spend 90% of its operational life in the standby mode