





The T2N/2/WP100/R is supplied as a remote conversion kit for mounting away from the fitting in damp locations. This kit would be used in applications where space inside the

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/WP100/R automatically adjusts the

output LED current to provide the best match between the

battery and the load, providing maximum illumination whilst

Please note that if mounting this kit more that 1m away from

the luminaire, Fire Rated cable must be used to connect the

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.

- 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
- Ingress Protection Rating of IP54
- Moulded in High Grade Polycarbonate
- Average Emergency Power of 4.3W
- Operates with LiteMesh Wireless System
- Features Battery Temperature Protection

There is one version available -

Order Codes

T2N/2/WP100/R

For LED loads, operating in voltage range of 50 - 300 Volts

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

ensuring full battery duration.

pack to the fitting. (BSEN5266-1)

fitting is limited.

Technical Details:

| Mains Supply | 230-240V AC 50/60 Hz | Max Module Ta and Tc | Ta = 50 °C & Tc = 70 °C |
|-------------------------|------------------------------|-------------------------------|--|
| Power Rating (Charging) | $3.9W\ 21mA\ \lambda = 0.77$ | Battery Temp. Parameters | 0 °C to 55 °C |
| Power Rating (Standby) | 1.4W 12mA λ = 0.47 | Charge Indicator | Side of Enclosure |
| 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 | IP54 |
| Charge Current | 225mA Nominal | Mains Input Terminal - Screw | 1.0mm ² - 2.5 mm ² |
| Enclosure Material | Polycarbonate | Dimensions (LxWxH) | 222mm x 146mm x 55mm |
| Kit Weight | 1.48Kg | Mains Input Gland Size | 16mm |

^{*} After its initial charge, the T2N/2/WP100/R will spend 90% of its operational life in the standby mode

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