



L = 250mm W = 80mm H = 70mm

The D2N/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 fitting is limited.

- DALI-2 Self-Test Conversion Kit
- Deep Discharge Protection
- Average Emergency Power 5W
- Complete Kit Housed in One Enclosure
- Extra Long Life LiFePO4 Batteries
- Converts LED Loads from 10-80 Volts
- Ingress Protection Rating of IP54
- Moulded in High Grade Polycarbonate

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 D2N/2/WP100/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 two versions available -

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)

Order Codes

D2N/2/WP100/R For LED loads, operating in voltage range of 10 - 55 Volt loads, up to 2A

D2N/2/80/WP100/R For LED loads, operating in voltage range of 10 - 80 Volt loads, up to 2A

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

Technical Details:

| | | | |
|---------------------------|----------------------------|-------------------------------|--|
| Mains Supply | 230-240V AC 50/60 Hz | Max Ta and Tc | Ta = 50 °C & Tc = 70 °C |
| Power Rating (Charging) * | 4W 21mA $\lambda = 0.79$ | Max Battery Temperature | 55 °C |
| Power Rating (Standby) * | 1.4W 12mA $\lambda = 0.48$ | Charge Indicator | Side of Enclosure |
| Duration | 3-Hours | Battery Discharge Current | 950mA Nominal |
| Recharge Period | 24-Hours | Discharge Voltage Limit (DDP) | 3 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) | 240mm x 160mm x 90mm |
| Kit Weight | 1.48Kg | Mains Input Gland Size | 16mm |

* After its initial charge, the D2N/2 will spend 90% of its operational life in the standby mode