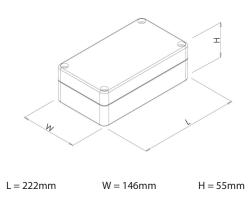
Technical Specification TNA/1S/IP65 DALI Self-Test Range







The TNA/1S/IP65 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.

A 3 hour DALI self-test emergency lighting conversion kit which

operates with extra long life LiFePO4 batteries. The unit is designed

- DALI Self-Test Conversion Kit
- Deep discharge protection
- Complete Kit Housed in One Enclosure
- Extra Long Life LiFePO4 Batteries
- Converts LED Loads from 55-300 Volts
- Ingress Protection Rating of IP65
- Moulded in High Grade Polycarbonate

to suit an extremely wide range of LED types and circuits. The TNA/1S 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 that 1m away from the luminaire, Fire Rated cable must be used to connect the pack to the fitting. (BSEN5266-1)

There is one version available -

Order Codes

TNA/1S/IP65

For LED loads, operating in voltage range of 55 - 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 Ta and Tc | Ta - 50 °C - Tc - 70 °C |
|-------------------------|----------------------------|-------------------------------|--|
| Power Rating (Charging) | 2.5W 17mA $\lambda = 0.6$ | Max Battery Temperature | 55 °C |
| Power Rating (Standby) | 1.3W 13mA $\lambda = 0.45$ | Charge Indicator | Side of Enclosure |
| Duration | 3 Hours | Battery Discharge Current | 1000mA Nominal |
| Recharge Period | 24-Hours | Discharge Voltage Limit (DDP) | 3 Volts |
| Battery Size & Type | 3.2V 4.5Ah LiFePO4 Cells | Ingress Protection | IP65 |
| Charge Current | Dual Rate 0-250mA | Mains Input Terminal - Screw | 1.0mm ² - 2.5 mm ² |
| Enclosure Material | Polycarbonate | Dimensions (LxWxH) | 222mm x 146mm x 55mm |
| Kit Weight | 1.38Kg | Mains Input Gland Size | 16mm |

* After its initial charge, the TNA/1S will spend 90% of its operational life in the standby mode

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