



Fixing Centres 193mm x 14mm Offset x M4

The FES/3 Self-test range is supplied either as a conversion kit for integral use within a luminaire, or with strain relief cables for remote mounting.

- Standalone Self-Test Operation
- Slim Module Suitable for Linear Applications
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO4 Batteries
- Strain Relief Module
- Suitable for 45mm or Greater Apertures

A 3 hour standalone self-test emergency lighting conversion kit which operates with Long Life LiFePO4 batteries. The unit is designed to suit an extremely wide range of LED types and circuits. The FES/3 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. The batteries used with this unit not only provide double the life of traditional emergency lighting batteries, but consume far less power during their operational life.

There are 2 main versions available -

Order Codes

FES/3-K	For LED loads operating in the Voltage range of 6 - 55 Volts. For integral use	FES/3/TP45	For LED loads operating in the Voltage range of 6 - 55 Volts. For Remote Use
FES/3/80-K	For LED loads operating in the Voltage range of 6 - 80 Volts. For integral use	FES/3/80/TP45	For LED loads operating in the Voltage range of 6 - 80 Volts. For Remote Use

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta - 50 °C - Tc - 70 °C
Power Rating	28mA $\lambda = 0.54$	Max Battery Tc	60 °C
Duration	3 Hours	Battery Discharge Current	1000mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.5 Volts
Battery Size & Type	3.2V 4.5Ah LiFePO4 Cells	Ingress Protection	IP20
Charge Current	Dual Rate 0-225mA	Terminal - Push Wire	0.5mm ² - 1.5 mm ²
Module Weight	0.10Kg	Module Dimensions (mm) (LxWxH)	204x 36 x 22.5 (f/c 193mm)
Battery Weight	0.14Kg	Battery Stick Dimensions (LxØ)	230 x 24 (f/c 215mm)