



Mains EME Emergency

Emergency conversion module for dimmable fire-rated downlight

The emergency module is an optional extra for a selection of Kosnic LED downlights. It is designed for installing within the ceiling void to provide a battery back-up supply in the event of a power cut. It allows pass-through dimming from the mains but will switch to the battery supply in an emergency. The emergency module requires a permanent live un-switched supply to maintain the battery charge.

CEL03LIC/N ()

Specification

Dimensions L x W x D (mm)	273 x 46 x 25
Ambient Temperature Range (°C)	0 to 45
Charging Time	24 h
Output Current (mA)	10-75
Battery	Li-Ion KBAT2200LI4
Battery Capacity	2200 mAh
Battery Discharge Voltage	6.0-8.4 Vdc
Battery Life	4 Years
Battery Voltage	7.2V
UEM/EME Battery Voltage	7.2V
UEM/EME Charging Time	24 h
UEM/EME Dimensions L x W x D (mm)	273 x 46 x 25
UEM/EME Emergency Conversion time	1 s
UEM/EME Emergency Operation time	>3 h
UEM/EME Input Current (Max) (mA)	40
UEM/EME Input to Output Protection	Double Installation
UEM/EME Input Voltage	220-240 Vac 50-60 Hz
UEM/EME Maximum Case Temperature (°C)	75
UEM/EME Maximum Working Voltage	200 Vdc
UEM/EME Open Circuit Voltage	200 Vdc
UEM/EME Output Current (mA)	10-75
UEM/EME Output Voltage	27-180 Vdc
UEM/EME Protection	IP20, Class II, Independent Driver
UEM/EME Test Function	Manual
UEM/EME Ambient Temperature Range (°C)	0 to 45
Input Voltage	220-240 Vac 50-60 Hz
Emergency Conversion Time	1 s

Notes

Not suitable for use on a battery supply with a trickle or intermittent re-charging circuit. The emergency module is not protected against supply voltage polarity reversal.

Technical Drawings

