



EMERGENCY LIGHTING SYSTEMS

Digitally controlled ELS D Series Intelligent self contained systems

This new range of emergency lighting systems conforms to EN50171 and they are designed to fit into the typical building riser cavities. The boxes complete with batteries are only 325mm deep x 500mm wide, heights 750mm and 1200mm depending on the VA capacity depending and the battery autonomy of 60 minutes or 180 minutes.

The ELS D products are designed and built here in the UK including the design of the hardware, microprocessor, printed circuit boards and all software development. Manufacturing time is from 4 working weeks from order acceptance date.

The ELS D series has an LCD display for all the features such as, Mains voltage, VA, Power factor, Watts , DC amps, Inverter voltage, last test date, battery condition, load earth fault monitoring, output fuse blown, lamp fail etc. It additionally offers LED status indications & LCD Alarm indications with the access to set up parameters via the front LCD panel.

Key Features:

Status of any luminaire type is remotely monitored and tested, without the use of separate additional cables.

The four load circuits are individually fused with terminals for each of the lighting circuits.

'Fire Test' input, allowing the status of the unit and circuits to be monitored.

Multi channel lighting service circuit integrity eliminates the need for addressable lighting fittings. ELS microprocessor detects any connected luminaire and monitors the VA consumption without the need for additional monitoring wires.

Monitors earth leakage conditions in the four outgoing cables and the luminaires with adjustable sensitivity.

Automatic luminaire test and/or Battery test to check the integrity of the whole system. Optional data logging event recorder, can be interrogated from a remote location.



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