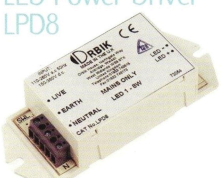
LED Combi Module LCP31051/3

We have introduced a range of products designed to exploit the significant advantages that the new generation of high power white light emitting diodes (LEDs) offer.

- Combined electronic parallel LED driver and emergency module, suitable for non-maintained and maintained 3-hour operation.
- Supplies into 6W of output power at 4 Volts D.C.
- Can be used for Nickel Cadmium or Nickel Metal Hydride cells in a variety of capacities dependant on the duration and load requirements.
- Easy selection of charge outputs.
- Load 3-hour battery
  - 1W 3 x 0.7Ah cells
  - 3W 3 x 1.5Ah cells
  - 5W 3 x 4Ah cells
- Maintained output can be switched via a separate input terminal
- Electronics are suitable for a wide operating temperature range of –40°C to +50°C. (not including batteries).
- Lightweight and compact size polycarbonate case provides designers with a large degree of flexibility. Dimensions: L130mm x W50mm x H30mm. Fixing centres 120mm.
- Short circuit and battery polarity protected.
- All designed to comply with EN55015 and relevant clauses of EN60924.

LED Power Driver LPD8



- High output parallel LED driver supplying loads up to 8 Watts at 4 Volts a (limiting resistor should be included with the LED array).
- Suitable for 230V ±50% 50Hz (other supply voltages available to order).
- Housed in a polycarbonate case with dimensions of L130mm x W50mm x H30mm Fixing centres at 120mm.
- Designed to comply with EN55015.

Change-over and Sub-circuit Monitor Relay - DRM415AC

The DRM415AC relay module is an enclosed change-over relay for use with static inverter operated emergency lighting systems and is rated at 1250VA.

The DRM415AC can be used with either maintained or non-maintained luminaires, powered from a static inverter and provides local sub-circuit monitoring to comply with the European Standard for centrally supplied emergency systems, EN50171.

For non-maintained operation, the static inverter supply is connected to the DRM415AC together with the local lighting circuits un-switched supply. Upon loss of the local supply, the relay changes over and the luminaire is operated by the output from the static inverter.

For maintained operation, the switched supply is also connected to the DRM415AC. This allows the luminaire to be switched on and off as though it were a normal mains luminaire In the event of the local un-switched supply failing the luminaire is operated from the static inverter supply, regardless of whether the luminaire was being operated from the normal mains supply at the time.

A number of different options based upon the DRM415AC are available:

DRM415AC:	Static inverter changeover relay rated at 1250VA
DRM415AC/NR:	As above, with neon indicator showing that the static inverter supplys present and healthy.
DRM415AC/RB:	Static inverter change over relay housed within a sheet metal box for remote mounting.
DRM415AC/RB/NR:	As above except with neon indicator showing that the static inverter supply is present and healthy.
DRM415AC/ADD	Addressable remote box incorporating OEL305.

All of the above products can be factory fitted within "free-issued" luminaires, please contact our office for information

Morgan-Hope Industries Ltd Units 5 & 6 Blowick Industrial Park, Crowland Street, Southport, Merseyside PR9 7RU England
Telephone: 01704 512000 Fax: 01704 542632 email: info@morganhope.com website: www.morganhope.com