

## MLM24 PSU 2

- ☼ COMMUNICATION INTERFACE BETWEEN  
DIFFUSER NETWORK AND MCU2
- ☼ AUXILLIARY 36V OUTPUT
- ☼ UNIVERSAL INPUT SWITCHING POWER SUPPLY
- ☼ EFFICIENT, SAFE, LOW EMI



## FEATURES

The PSU2 is designed to meet the power requirements of the Rickard MLM24 diffuser network.

It contains a universal input switching power supply making use of the latest technology for energy efficiency, safety and low EMI. The product is optimized to meet the inductive requirements of multiple actuator motor drives.

The PSU2 also serves as the communication interface between the diffuser network and a central Master Communications Unit (MCU2).

The PSU2 also features an auxiliary 36VDC output to supply power to one MCU2 product.

## SPECIFICATIONS

1. Mains voltage input range::
  - Voltage;**
  - 230VAC 50Hz  $\pm 10\%$
  - 115VAC 60Hz  $\pm 10\%$
  - Comes with power cable. Please specify plug top required.
  - Cable Options;**
  - 2 meters standard
  - 4 meters optional
  - Plug Options;**
  - South Africa
    - \* 3 Pin 16Amp White
    - \* 3 Pin 16Amp Black
    - \* 3 Pin 16Amp Blue
    - \* 3 Pin 16Amp Red
  - Other
    - \* Please specify requirements
2. Power consumption: 60Watt max, 40Watt continuous.
3. Power output: 36VDC, 1 Amp nominal.
4. Hardware Interface:
  - CANbus (electrical) port (RJ9) for MCU2 interconnect
  - Inter-Diffuser network interface – Power & communication (2 x 4 Minifit Jnr)
  - Auxillary power output – 36VDC 10W max (1 x 2 MinFit Jnr)
5. Environmental:
  - Operating Temperature Range: 0 to +50 °C
  - Storage Temperature Range: 0 to +70 °C
  - Safety tested to IEC60950-1:2005 + A1:2012
6. Product Revision:
  - Ordering Code: CONT/0350/00960  
(Please specify power cable length and plug top)
  - Hardware Revision: BT2211-6

