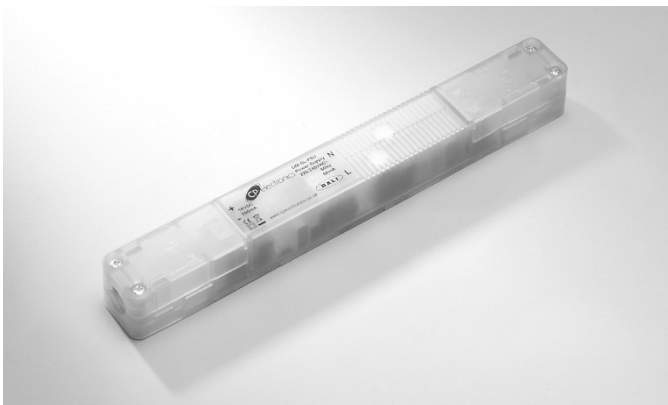




DM-SL-PSU

16VDC Power Supply

Overview



The DM-SL-PSU is an SELV 16VDC power supply primarily designed for DALI. The unit has an integral LED that is visible through the front window to indicate that the output voltage is healthy.

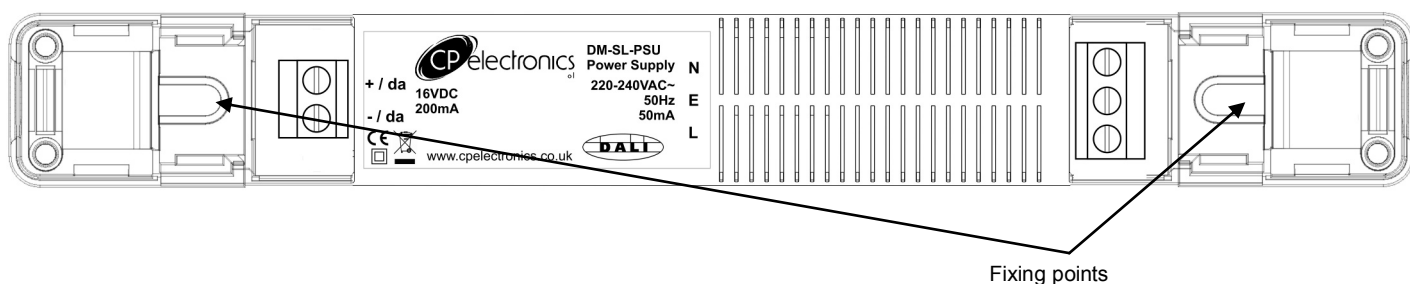
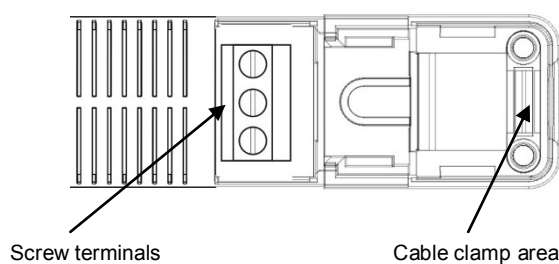
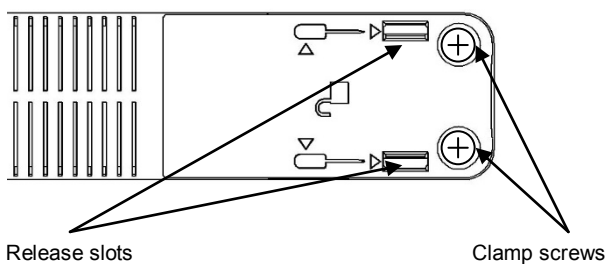
This unit can be used with the following systems and products

- **D-Mate**® lighting control system.
- **An-10**® AT-BB-IN wireless (RF) switch input unit where latching switches are used.
- DALI lighting control systems.

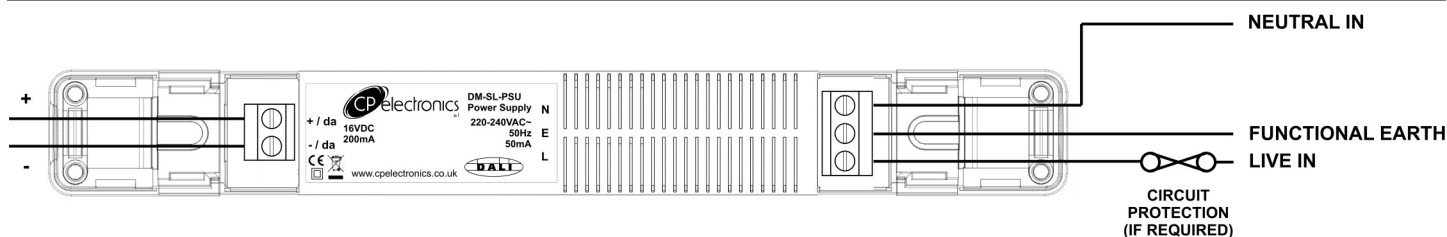
Installation

Mount and wire the unit in the following method.

- Remove terminal covers by unscrewing the clamp screws and inserting a small flat-bladed screwdriver into the slots shown in the diagram below.
- Affix the DM-SL-PSU using the fixing slots shown in the diagram below. The fixing slots are suitable for M4 screws.
- Wire unit using the screw terminals. The screw terminals are suitable for solid core or stranded cable up to 2.5mm². Maximum cable OD 10mm.
- Ensure that the main cable sheathing is over the cable clamp area.
- Clip on the terminal covers.
- Insert the clamp screws and screw up until the cable is firmly clamped.



Wiring



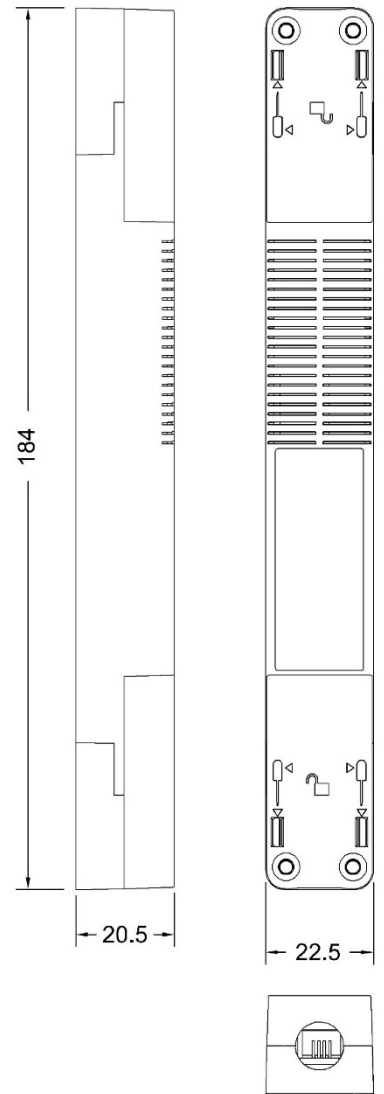
Technical data

Dimensions	See diagrams opposite
Weight	0.07kg
Input Voltage	220-240VAC
Input Current	50mA
Input Frequency	50Hz
Output Voltage	16VDC +/- 2V SELV
Output Current	200mA (maximum)
Terminal Capacity	2.5mm ²
	Solid and stranded. Maximum cable OD 10mm.

Safety Note

DALI is not SELV. If this product is used in a DALI system then mains rated wiring must be used for the output.

Temperature	0°C to 35°C
Humidity	5 to 95% non-condensing
Material (casing)	Flame retardant polycarbonate
Compliance	EMC-2004/108/EC LVD-2006/95/EC EN 60950-1: 2006 + A1: 2010



Part numbers

	Part number	Description
Detector	EBDSPIR-DM	D-Mate PIR detector
Addressers	DM-SL-ADD	D-Mate addresser-DIL-DALI/DSI
	DM-SL-ADDR	D-Mate addresser-DIL-DALI/DSI-relay
	DM-SL-ADAR	D-Mate addresser-DIL-1-10V-relay
Power supply	DM-SL-PSU	D-Mate PSU
Scene plate	DM-SG-4SM-W	D-Mate plate
Input unit	DM-BB-IN	D-Mate input unit
An-10	AT-BB-IN	An-10 RF input unit

IMPORTANT NOTICE!

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE Wiring Regulations and any applicable Building Regulations.



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