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Specification of Model PSO7 Power Supply

- 220-230 volts AC 50 Hertz mains input.
- Mains input fuse 0.5A H.
- AC output 24 volts.
- Continuous output current 1.0 ampere RMS.
- Maximum output current 1.25 amperes.
- Voltage free fire relay
- Short circuit protection by fuse

Power Supply Description.

The power supply is housed in a steel enclosure with fused input to a 25 VA transformer of output 1 Amp RMS. This supplies a PCB Board with a fused output and LED indication. A fire relay is also supplied which can be used with a voltage free fire alarm system.

PCB LED indications.

Yellow LED = 24 VAC power available & Green LED = Fire relay energised

Enclosure size. Height: 245mm Width: 200mm Depth: 80mm

Installation notes

The maximum ambient temperature for this installation is 45 deg C.

The enclosure should be fixed to a flat surface.

Mains supply must be from a **SWITCHED FUSED SPUR** to the terminals L, N and E in accordance with the current I.E.E. wiring regulations.

WARNING: this equipment must be earthed

Note: Leave slack in the earth lead so that should the mains cable be pulled from the outside and Live and Neutral disconnected, the Earth lead will remain connected. Three 20mm knockouts are provided for Mains input and Low voltage outputs. Do not use the same knockout for the Mains and Low voltage, they must be separated. All knockouts must be fitted with glands and all open holes sealed to preserve the fire integrity within the enclosure.

Fire system to terminals FR and FR (Fire Relay), the relay requires power to switch it.

Running

With mains power, the yellow LED will light, on fire alarm the green LED will light

