

VELOX 4090

Power Supply Unit



DESCRIPTION

The VELOX 4090 - 1.5A power supply unit can be used for any fire alarm system which specifies EN54-4 power supply equipment.

Suited for almost any application, the power supply unit/battery charger has been developed using the latest surface mount technology to provide a high efficiency switch mode power supply.

The power supply units are available in fully enclosed construction providing power and fault indication or alternatively in caged versions for mounting into existing enclosures of various sizes to suit different battery capacities.

Application

For any fire alarm system which specifies EN54-4 power supplies (e.g. BS5839 code of practice).

These power supply units can be used in any fire alarm installation requiring a 24Volt supply for operation.

Features

- EN-54-4 Approved
- A range of power supply equipment with power output options to suit most applications.
- High efficiency switched mode power supplies
- Boxed or un-boxed
- Power and fault indication
- 3 Year Warranty

Technical Specifications

Item	Specification Details
Environment	Indoor, Dry (IP30)
Operating Temperature	-5°C to +40°C
Relative Humidity	95%
Wire Guage(max.)	2.5mm ²
Input Supply(AC)	220-240V AC, 47-63Hz, 0.5A
Output Voltage(DC)	Max 28.5V DC, Min 21V DV
Output Current (IMAXA=IMAXB)	1.0A (Min Load 10mA)
Charging Voltage	27.4V @ 20C nominal, temperature compensated
Charging Current	0.5mA
Ripple	200mV (1V p-p switching noise)
Fuse (AC Mains TB)	T3.15AH250V
Battery Size	7Ah
Battery Internal Resistance	3.3ohm max
Deep discharge cut-off	19V
Fault Relay	30V AC/DC, 1.0A
Standard (Harmonised)	EN54-4:1997 + A1:2002+A2:2006
External Indication	Green: Power Indicator Amber: Fault Indicator
On Board Indication	Mains Fail, Charger Fail, Battery Open Circuit, Battery Low Heart Beat

Order Codes

Part No.	Description
4090	1.5A PSE in 7Ah enclosure