MxPro 4

Caged Power Supplies - obsolete

The 1.5A, 3.0A and 5.0A power supply units 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.

Applications / Limitations

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



Features

- High efficiency switched mode power supplies
- Boxed or unboxed
- Approved EN54-4
- Compact 1.5A, 3.0A and 5.0A versions
- Power and fault indication
- 3 year warranty

Specification

Approvals	All power supply units are approved with the requirements of BS EN54-4 1998, EN55022 class B emissions limits & EN60950: 2000 safety standards.
Input Supply	1.5A PSE:220-240V AC, 50/60Hz, Fuse T3.15H250 3.0A/5.0A PSE:120-230V AC, 50/60Hz,Fuse T3.15H250
Output Voltage	Max 28.5V DC, Min 18.5V DC at minimum battery voltage of 19V with mains disconnected
Charger voltage	27.4V DC nominal at 20°C temperature compensated over the range -5°C to +45°C
Output Current	1.5A PSU: 1.0A continuous load, 0.5A battery charge 3.0A PSU: 2.0A continuous load, 1.0A battery charge [3.0A to load if configured for PSU only] 5.0A PSU: 3.0A continuous load, 2.0A battery charge [5.0A to load if configured for PSU only]
Dimensions Caged H x W x D mm	1.5A: 105 x 94 x38, 250g. 3A: 184 x 94 x 58, 690g. 5A: 105 x 94 x 58, 690g.
Enviroment	Indoor, dry
Fault Output	Volt-free change-over contacts rated 1A @ 30V dc
On Board Indication	Mains Fail, Charger Fail, Battery Open Circuit, Battery Low & Heartbeat

Order Codes and Options

Mxs-049:	1.5A Caged Unit Only
Mxs-050:	3.0A Caged Unit Only

Compatibility

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

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.

MxPro 4

Power Supply Units - obsolete

The Advanced 1.5A, 3.0A and 5.0A power supply units 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.

PSE and charger or PSE only options on the 3.0A and 5.0A versions.

A Serial Link option is provided on the 3.0A and 5.0A versions. Allows reporting of PSE status and voltages / current measurements to compatible control panel/modules.

Applications

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

- A range of power supply equipment with power output options to suit most applications.
- Universal AC input on the 3.0A and 5.0A versions
- High efficiency switched mode power supplies
- Compact 1.5A, 3.0A and 5.0A versions

Specification

Approvals	All power supply units are approved with the requirements of BS EN54-4 1998, EN55022 class B emissions limits & EN60950: 2000 safety standards.
Input Supply	1.5A PSE:220-240V AC, 50/60Hz, fuse T3.15H250 3.0A/5.0A PSE:120-230V AC, 50/60Hz, fuse T3.15H250
Output Voltage	Max 28.5V DC, Min 18.5V DC at minimum battery voltage of 19V with mains disconnected
Charger voltage	27.4V DC nominal at 20°C temperature compensated over the range -5°C to +45°C
Output Current	1.5A PSU: 1.0A continuous load, 0.5A battery charge 3.0A PSU: 2.0A continuous load, 1.0A battery charge [3.0A to load if configured for PSU only] 5.0A PSU: 3.0A continuous load, 2.0A battery charge [5.0A to load if configured for PSU only]
Dimensions Boxed H x W x D mm	7Ahr 320 x 345 x 88. 18Ahr 425 x 406 x 125. 38Ahr 425 x 406 x 190.
Enviroment	Indoor, dry
Fault Output	Volt-free change-over contacts rated 1A @ 30V dc
On Board Indication	Mains Fail, Charger Fail, Battery Open Circuit, Battery Low & Heartbeat

Order Codes and Options

Mxp-049:	1.5A PSE in 7Ah enclosure
Mxp-050-001:	3.0A PSE in 7Ah enclosure
Mxp-050-002:	3.0A PSE in 17Ah enclosure
Mxp-051:	5.0A PSE in 17Ah enclosure
Mxp-051/D:	5.0A PSE in 38Ah enclosure

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