

HPS5PM, HPS5PMTX, HPS5MPD8(CB), HPS5MPD16(CB)

Description

The HPS5PM Series Power Monitored Supplies convert 115 VAC input to 12/24 VDC @ 4.0 A continuous output distributed via one, eight, or sixteen circuits for powering Video, Access Control, and other system components.

Designed with advanced switch mode technology, the HPS5PM Series filtered output is selectable for 12 or 24 VDC power, and has a built-in charger for sealed lead-acid or gel-type batteries. Depending on model, output is routed to one, eight, or sixteen fused or PTC-protected output circuits using HPD8 Series distribution modules. These modules use 3.0 A automotive style fuses, or PTCs rated 2.5 A per circuit.

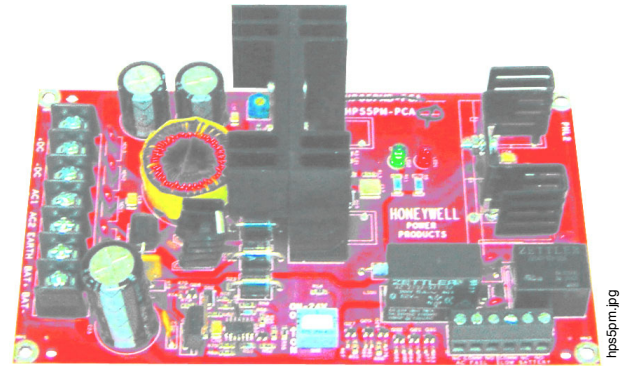
Power and battery integrity can be monitored through two Form "C" relays rated 28 VDC/VAC @ 1.0 A. AC and DC LEDs visually indicate power supply status and help speed diagnostics. Input power enters through a fused terminal block with a power disconnect feature to quickly power off unit for servicing. The hinged, removable front cover of the powder-coated enclosure comes complete with a key lock.

Benefits

- Choice of one, eight, or sixteen circuits to power multiple system components.
- Individual circuit status LED indicators for quick and easy diagnosis.
- Power and battery can be monitored by alarm panel, signaling power trouble.
- Attractive enclosure includes hinged removable cover and key lock, ensuring owner security.

Specifications

- Input power: 120 VAC, 60 Hz, 3.0 A.
- Output power: 12 VDC or 24 VDC @ 4.0 A continuous duty.
- Power distribution: one, eight or sixteen outputs with individual circuit status LED indicators. See HPD8 Series data sheets for more information. These modules use 3.0 A automotive style fuses, or PTCs rated 2.5 A per circuit.
- Built-in charger for sealed lead-acid or gel-type batteries up to 12 AH.
- Power and battery monitoring Form "C" relays rated 28VDC/ VAC @ 1.0 A .
- Thermal overload and short circuit protection.
- Filtered power to reduce line noise.
- Maintains camera synchronization.



- On enclosure models, powder-coated enclosure with hinged removable front cover comes with a key lock.
- Primary power fused terminal block with power disconnect feature on enclosure models.
- Panel versions include three-conductor power cord and grounded case.
- Power ON and DC output LEDs.
- 12ga terminal blocks for all field connections.
- Temperature rating: 32°F to 120°F (0°C to 49°C).
- Relative humidity: 10 – 93%, non-condensing.
- Enclosure dimensions: 12.0" H x 15.0" W x 3.0" D (cm: 30.48 H x 38.1 W x 7.62 D).
- PC board dimensions: 3.0" H x 5.0" W x 2.0" D (cm: 7.62 H x 12.7 W x 5.08 D).

Ordering Information

Catalog Number	Description
HPS5PM	12/24 VDC @ 4.0 A; power-monitored power supply board.
HPS5PMTX	12/24 VDC @ 4.0 A; power-monitored power supply and enclosure.
HPS5MPD8	8 12/24 VDC Fuse Outputs @ 4.0 A; power-monitored power supply and enclosure.
HPS5MPD8CB	8 12/24 VDC PTC Outputs @ 4.0 A; power-monitored power supply and enclosure.
HPS5MPD16	16 12/24 VDC Fuse Outputs @ 4.0 A; power-monitored power supply, enclosure.
HPS5MPD16CB	16 12/24 VDC PTC Outputs @4.0 A; power-monitored power supply and enclosure.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
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