

HPTV3DC4, HPTV5DC8, HPTV5DC16

Switching Power Supplies

Description

These switching power supplies/distribution units convert 115 VAC input into 6, 12, or 24 VDC at 2.5 A or 4.0 A continuous supply current and distribute it using individually fused outputs. These general purpose power supplies/battery chargers have a wide range of applications for access control, intrusion security and CCTV systems that require additional power. For convenient installation, they come completely assembled with a steel enclosure, transformer, and connecting hardware.

The HPTV3DC4 supplies 2.5 A while the larger HPTV5DC8 and HPTV5DC16 will supply 4.0 A at 6 or 12 VDC (2.5 A at 24 VDC). The HPTV3DC4 has a four-output, individually fused power distribution board, the HPTV5DC8 has one eight-output distribution board, and the HPTV5DC16 has two eight-output distribution boards.

Benefits

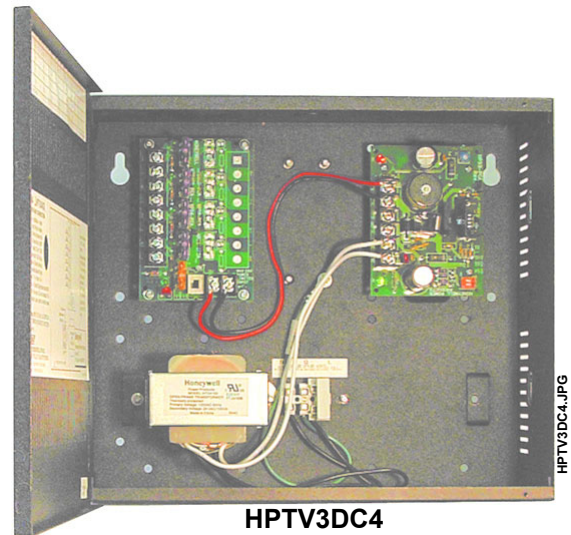
- An all-in-one power supply and distribution unit enclosed in a roomy cabinet.
- Transformer thermal protection limits damage from overloaded circuits.
- LED lights for quick and easy diagnosis, troubleshooting, and status indication.
- Comes fully assembled with accessories included for quick installation.
- Enclosure built for durability and product life.
- Power disconnect switch for easy servicing.
- Power cord included; three conductors for ground safety convenience.
- Instantaneous switchover to standby battery (if equipped) when AC fails, maintaining power to all attached devices without intervention.

Fuse Replacement

Fuse	Rating
Terminal Block	2.0 A, 250 V, 5x20mm cartridge
HPD Boards Main (F9)	5.0 A, 32 V, std. automotive (TAN)
HPD-4 Outputs (F1-F4)	3.0 A, 32 V, std. automotive (VIOLET)
HPD-8 Outputs (F1-F8)	3.0 A, 32 V, std. automotive (VIOLET)

Power Supply Specifications

- Output voltage: 6, 12, or 24 VDC.
- Maximum continuous output:
HPTV3DC4 - 2.5A at 6, 12 or 24 VDC.
HPTVDC8/16 - 4.0 A at 6 and 12 VDC; 2.5 A at 24 VDC.
- Built-in charger for sealed lead-acid or gel-type batteries.
- Input:
– 1.0 A at 115VAC, 60Hz maximum.
- Filtered and electronically regulated output.



- Thermally limited design.
- LED diagnostic indicators for AC input, main DC output, and individual DC outputs.
- Hinged cover, vented enclosure and five convenient knockouts.
- Temperature range: 32°F to 120°F (0°C to 49°C); for indoor use only.
- Enclosure dimensions:
10.0" H x 11.5" W x 4.875" D
(cm: 25.4 H x 29.21 W x 2.383 D)

Distribution Board Specifications

- Distributes power rated up to 28 VAC/VDC.
- All models have a power disconnect switch.
- **HPD4** uses automotive-style fuses (rated 3.0 A) to individually protect each circuit.
- LED indicator lights.
- Mounts with included foam backed adhesive tape or optional **HST34** snap track.
- Compact design.
- Temperature range: 32°F to 120°F (0°C to 49°C).
- Board dimensions:
3.0" H x 4.3" W x 1.0" D
(cm: 7.62 H x 10.922 W x 2.54 D)

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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