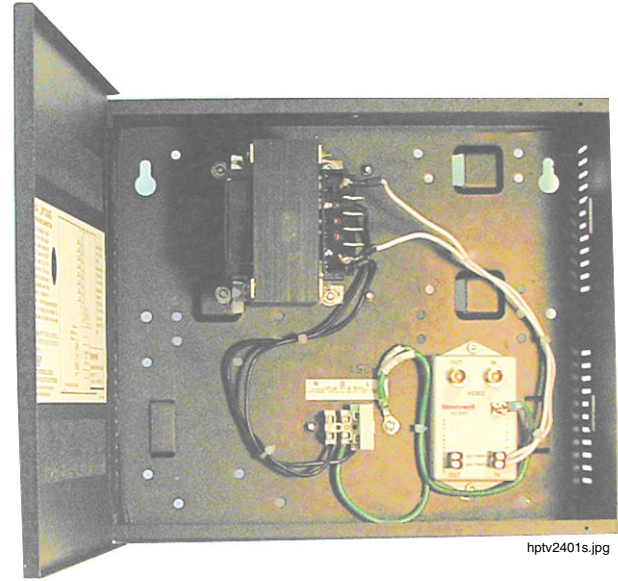


HPTV Surge Protected Power Supplies

Description

The HPTV2401 and HPTV2801 series are power supplies which provide power and surge protection, depending on model, for applications such as access control, security, and video applications. These surge protected power supplies provide superior protection against voltage spikes and transients that can damage or disable expensive and critical equipment.

The HPTV surge protected series consists of the thermally fused transformers and an electrically fused primary output. These units accept 115VAC input and provide a single output of 24VAC or 28VAC. The HPTV2401 and HPTV2801 are single output CCTV power supplies that include no surge protection. The HPTV2401S and HPTV2801S include an HCPS Surge Module which provides power and video surge protection. The HPTV2401Z and HPTV2801Z include an HDSP1 Surge Module which provides power, video and data surge protection.



Specifications

- Input: 115V, 60Hz, 2A.
- Output:
 - HPTV2401, HPTV2401S, HPTV2401Z: 8A @ 24VAC (200VA)
 - HPTV2801, HPTV2801S, HPTV2801Z: 6.25A @ 28VAC (175VA)
- Equipped with surge protection. **(For surge protector specifications, refer to the installation guide)**
- **Transformer with built-in thermal protection.**
- **Terminal block fuse: 250V, 3A, 5 x 20mm cartridge.**
- **AC line cord included.**
- **Vented enclosure with hinged door and five convenient knockouts, designed for quick installation.**
- **HPTV2401, HPTV2801: Tie-wrap with mounting nut for strain relief of low voltage secondary wire included in kit.**
- **Cabinet dimensions: 11.5"W x 4.875"D x 10"H (cm: 29.21W x 12.38D x 25.4H)**
- **Temperature range: -32°F to 120°F (0°C to 49°C); indoor use only.**

Ordering Information

Catalog Number	Description
HPTV2401	24VAC @ 8A PS with enclosure.
HPTV2801	28VAC @ 6.25A PS with enclosure
HPTV2401S	24VAC @ 8A PS with power/video surge & enclosure.
HPTV2401Z	24VAC @ 8A PS with power/video/data surge & enclosure.
HPTV2801S	28VAC @ 6.25A PS with power/video surge & enclosure.
HPTV2801Z	28VAC @ 6.25A PS with power/video/data surge & enclosure.

HDSP1 Data - Surge Protector

Video Protection	
Service Voltage	2V peak to peak
Clamping Voltage	2.8VDC
Insertion Loss	<1.0db @ 0 - 20GHz
Peak Pulse Current	20K Amps
Connection BNC Female	In & Out
Impedance	75 Ohms
24V Power Protection	
Service Voltage	24 AC/DC
Clamping Voltage	33VAC/47VDC
Peak Pulse Current	3000 Amps/pair
Connection Screw Terminals	22 - 16AWG
Data Protection	
Service Voltage	6.8VDC
Clamping Voltage	2.8VDC
Peak Pulse Current	2000 Amps/pair
Dimensions	Low-profile 3.86"H x 2.07"W x 1.4"D (cm: 9.8H x 5.26W x 3.55D)

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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