

VPS28-1500

Electrical Specifications (@25C)

- Maximum Power: 43VA
- Input Voltage: **Series:** 230VAC, 50/60Hz; **Parallel:** 115VAC, 50/60Hz
- Output Voltage: **Series**¹: 28.0V CT@ 1.5A; **Parallel**²: 14.0V @ 3.0A
- Voltage Regulation: 25% TYP @ full load to no load
- Temperature Rise: 30C TYP (45C MAX allowed)
- Insulation Resistance: 100MΩ
- Recommended Fuse³:
 - Series: Littelfuse p/n 313 2 HXP, 2.0A 250V, slow blow, ¼ x 1 ¼ or, Cooper Bussmann p/n BKMDL-2, 2A 250V, ¼ x 1 ¼
 - Parallel: Littelfuse p/n 313 4 HXP, 4A 250V, slow blow, ¼ x 1 ¼ or, Cooper Bussmann p/n BKMDL-4, 4A 250V, ¼ x 1 ¼

Construction:

Dual bobbin construction with an insulated shroud, both made of a high temperature material that exceeds UL flammability requirements.

Safety:

These units are designed with 4000VAC isolation between the primary and secondary, and also, between each winding and the core.

Agency File:

UL: File E53148, UL 5085-1 and 2 (formerly UL 506), General Purpose.
 File E65390, UL 5085-1 and 3 (formerly UL1585), Class 2/3
 CSA: File LR 221330. C22.2 NO. 66, General Purpose.
 TUV Certificate No.: R72103639, EN60950, Information Technology



A. Dimensions:

Unit: In inches

| H | W | D | A | B | C | T | MW | ML |
|---------|-------|---|--------|-------|------|------|---------|----|
| 2-11/16 | 3-1/8 | 2 | 2-5/16 | 1-1/8 | 5/16 | 3/16 | 2-13/16 | - |

B. Mounting Hole Size: 3/16"

C. WT Lbs. : 1.6

Connections⁴:

- Input:** Series – 6 and 1, Jumper 5 to 2
 Parallel – 6 and 1, Jumper 6 to 2 and 5 to 1
- Output:** Series – 12 and 7, Jumper 11 to 8
 Parallel – 12 and 7, Jumper 12 to 8 and 11 to 7

RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.

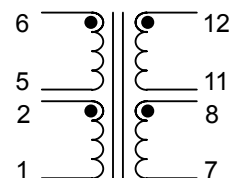
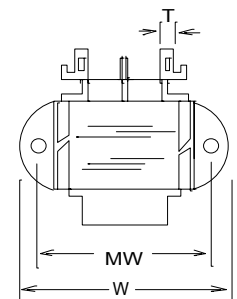
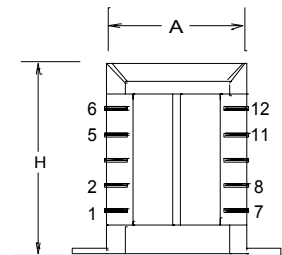
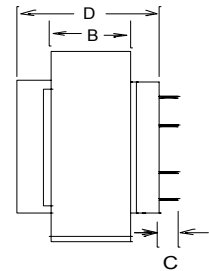
* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

¹ Non-Inherently limited. Class 3.

² Non-Inherently limited. Class 2 not wet, Class 3 wet.

³ Fuse must be used on **secondary** as conditions of acceptability for UL Class2/3 operation.

⁴ Primary and secondary windings are designed to be connected in series or parallel. Winding are not intended to be used independently.



SCHEMATIC