

POWER TRANSFORMER **CHASSIS MOUNT: QUICK-CONNECT WORLD SERIES TM**

VPS20-1250

Electrical Specifications (@25C)

1. Maximum Power: 25VA

2. Primary - Series: 230VAC@50/60Hz; Parallel: 115VAC@50/60Hz 3. Secondary - Series1: 20V CT@ 1.25A; Parallel2: 10.0V @ 2.5A

4. Voltage Regulation: 25% TYP @ full load to no load 5. Temperature Rise: 30C TYP (45C MAX allowed)

Insulation Resistance: 100MΩ

7. Recommended Fuse3:

Series: Inherently limited. No fusing required.

Parallel: Littelfuse p/n 313 3HXP, 3A 250V, slow blow, 1/4 x 1 1/4 or, Cooper Bussmann p/n BKMDL-3, 3A 250V, 1/4 x 1 1/4

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







Unit: In inches A. Dimensions:

Н	W	D	Α	В	С	Т	MW	ML
2-5/16	2-13/16	1-15/16	2	1-1/8	5/16	3/16	2-3/8	-

B. Mounting Hole Size: 3/16"

C. WT Lbs. : 1.25

D. Terminal Size: 0.187" x 0.020"

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

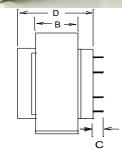
RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

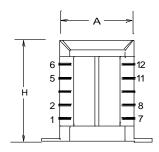
* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

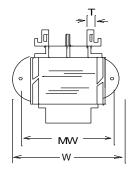
⁴ Primary and secondary windings are designed to be connected in series or parallel. Winding are not intended to be used independently.

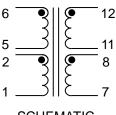












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¹ Inherently limited. Class 2 not wet, Class 3 wet.

² Non-Inherently limited. Class 2.

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