

VPP24-420

Electrical Specifications (@25C)

1. Maximum Power: 10.0VA
2. Input: **Series:** 230VAC, 50/60Hz; **Parallel:** 115VAC, 50/60Hz
3. Output: **Series**¹: 24.0V CT @ 0.42A; **Parallel**²: 12.0V @ 0.84A
4. Voltage Regulation: 25% TYP @ full load to no load
5. Temperature Rise: 30C TYP (45C MAX allowed)
6. Insulation Resistance: 100MΩ
7. Hipot: 4000VAC between primary to secondary and windings to core.

Construction:

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

Safety:

Since the dual bobbin construction effectively reduces capacitance, electrostatic shielding is not required. World Series Transformers are designed and manufactured to meet the following agency approvals:



Agency File:

UL: File E53148, UL 5085-1 and 3 (formerly UL 506), General Purpose.
 UL: File E65390, UL 5085-1 and 3 (formerly UL1585), Class 2/3.
 CSA: File LR 37220, C22.2 NO. 66, General Purpose.
 TUV: File R 72072385, EN 60950, (IEC950) information Technology Equipment.

A. Dimensions: Units: In inches

| A | B | C | D | E | F | G | H |
|------|-------|-------|-------|-------|-------|-------|-------|
| 1.25 | 1.375 | 0.187 | 0.200 | 0.400 | 1.562 | 1.875 | 1.140 |

B. PIN DIM. : 0.036 SQ

C. WT Lbs. : 0.53

D. Mounting Holes: 0.112 dia. x 2.0

Connections³:

Input: Series – Pin 1 to Pin 6, Jumper Pin 4 to Pin 3
 Parallel – Pin 1 to Pin 6, Jumper Pin 1 to Pin 4 and Pin 3 to Pin 6

Output: Series – Pin 7 to Pin 12, Jumper Pin 9 to Pin 10
 Parallel – Pin 7 to Pin 12, Jumper Pin 7 to Pin 10 and Pin 9 to Pin 12

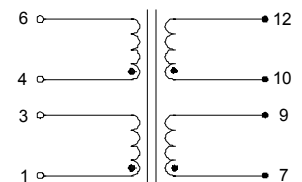
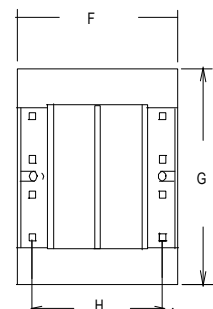
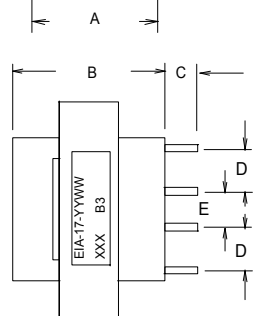
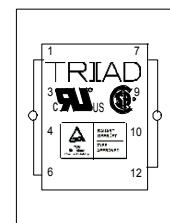
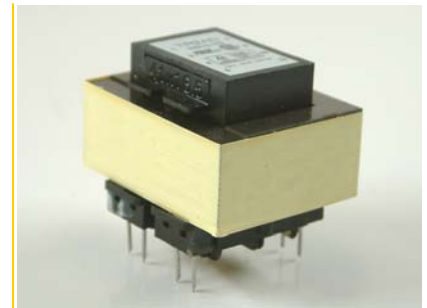
RoHS Compliance: Meets the requirements of 2002/95/EC, known as the RoHS initiative.

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

¹ Inherently limited. No fusing required. Class 3.

² Inherently limited. No fusing required. Class 2 not wet, Class 3 wet.

³ Primary and secondary windings are designed to be connected in series or parallel. Winding are not intended to be used independently.



SCHEMATIC

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