

POWER TRANSFORMER CHASSIS MOUNT: TOROIDAL WORLD SERIES

VPT24-4170

Electrical Specifications (@25C)

1. Maximum Power: 100VA

2. Input Voltage: Series: 230VAC, 50/60Hz

Parallel: 115VAC, 50/60Hz

3. Output Voltage: Series: 24VAC CT @ 4.17A

Parallel: 12.0VAC @ 8.34A

4. Voltage Regulation: 9% TYP from full load to no load

5. Temperature Rise: 45°C TYP

6. Hipot: 4000VAC, Primary to Secondary

7. Efficiency: 89% TYP. @ full load

Construction:

The toroidal construction inherently helps reduce stray fields, increases efficiency and minimizes size compared to traditional EI transformers. Built with Class B (130°) insulation system.

Safety:

World Series Transformers are designed and manufactured to meet most International Safety agency standards.

Agency File:

UL: File E122529, UL 506

CE: EN 61558-1:2005, EN 61558-2-6:1995, Low Voltage Directive (LVD) EN 6-000-6-6:2001+A11:2004, EN 55014-1:2000+A1:2001+A2:2002, EN 6100-6-1:2001, EN 55014-2:1997+A1:2001, Electromagnetic Compatibility (EMC)



Dimensions (mm):

Н	I.D.	O.D.
47.0	31.0	87.0

Weight: 1.0Kg

Mounting:

Transformer is provided with one metal mounting plate, two rubber pads, M6 x 55mm bolt, nut, spring and flat washer.

Connections:

Transformer is provided with 8" (200mm) long, 0.25" (6mm) stripped and tinned, stranded UL 1015 lead wire.

Input1: Series - BLUE and BROWN, Jumper GRAY to VIOLET

Parallel - BLUE and BROWN, Jumper BLUE to VIOLET, GRAY to BROWN

Output¹: Series – BLACK and YELLOW, Jumper RED to ORANGE

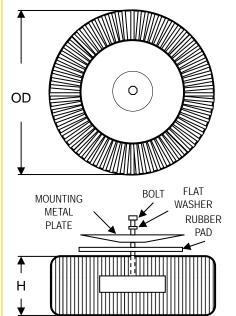
Parallel - BLACK and YELLOW, Jumper BLACK to ORANGE, RED to YELLOW

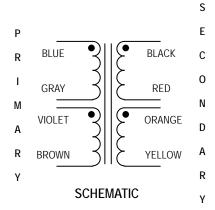
 $\mbox{{\bf RoHS Compliance:}}$ Product meets the requirements of 2002/95/EC, known as the RoHS initiative.

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

Web: www.TriadMagnetics.com Phone 951-277-0757 Fax 951-277-2757 22520B Temescal Canyon Road Corona, California 92883







RUBBER

PAD

NUT

SPRING

WASHER

¹ Primary and secondary windings are designed to be connected in series or parallel. Windings are not intended to be used independently.