

## Excellent Integrated System Limited

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[Triad Magnetics](#)  
[VPL28-180](#)

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**POWER TRANSFORMER**  
**Chassis Mount : International Series**

# VPL28-180

**Electrical Specifications (@25C)**

1. Maximum Power: 5.0VA
2. Input Voltage – **Series**: 230VAC @ 50/60Hz, **Parallel**: 115VAC @ 50/60Hz
3. Output Voltage – **Series**<sup>1</sup>: 28.0V CT @ 0.180A, **Parallel**<sup>2</sup>: 14.0V @ 0.360A
4. Voltage Regulation: 20% TYP @ full load to no load
5. Hipot: 3500VAC between primary to secondary and windings to core.

**Construction:**

Dual winding construction with an insulated shroud, both made of a high temperature material that exceeds UL flammability requirements. Shrouds are provided over the connections of the leads to the windings on both primary and secondary coils. Devices are designed with a minimum of 6mm creepage distance between the primary and secondary and are manufactured with a Class B (130°C) insulation system.

**Agency Files:**

UL File: E65390, UL 5085-1 and 3 (formerly UL1585), Class 2/3  
cUL: File E65390, For Canadian Use (CSA 22.2, No.66.1-06 and No.66.3-06)  
TUV Certificate No.: R72103639, EN60950, Information Technology



Dimensions: Units: In inches

A	B	C	D	E	F
1.437	2.375	1.437	2.00	8.00	0.187

Weight: 0.4 lbs.

**Connections<sup>3</sup>:**

**Input:** Series – BLK to BLU, Jumper WHT to BRN  
Parallel – BLK to BLU, Jumper BLK to BRN and WHT to BLU

**Output:** Series – RED to GRY, Jumper YEL to VIO  
Parallel – RED to GRY, Jumper RED to VIO and YEL to GRY

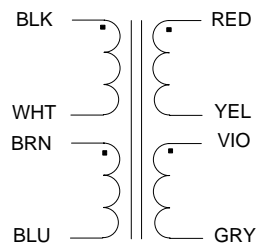
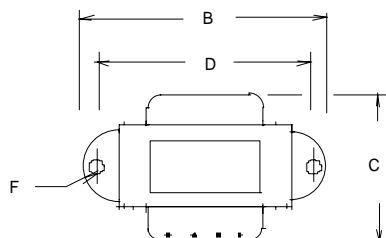
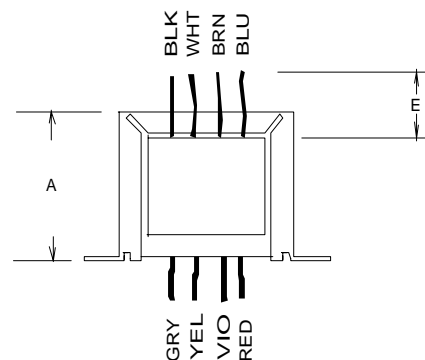
**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

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

<sup>1</sup> Inherently limited. No fusing required. Class 3.

<sup>2</sup> Inherently limited. No fusing required. Class 2 not wet, Class 3 wet.

<sup>3</sup> 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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