



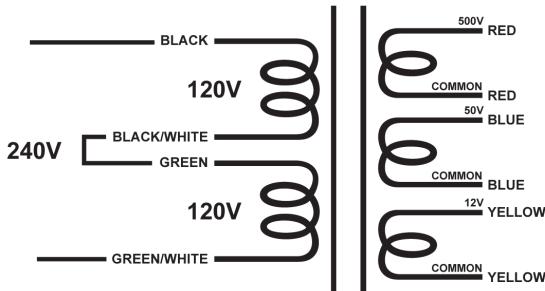
XPWR317-120/240

Type: Tube Power Transformer

Primary: 120/240V, 50/60Hz.

Secondary: 500V@30mA, 50V@10mA, & 12V@1A

Schematic



Image



120 Volt Primary: Connect the two primary windings in parallel.
Black and Green connected together.
Black/White and Green/White connected together.

240 Volt Primary: Connect the two primary windings in series.
Black/White and Green connected together.
Black is your input voltage and Green/White is common.

Specifications:

Total Volt Amperes: 27.5VA

Primary: 120/240V, 50/60Hz.

Primary Current: 0.241A, 0.12A

Primary DCR: 26.954Ω, 54.885Ω

Primary inductance: 3.334H

Secondary Voltages: 500V, 50V, 12V

Unloaded Voltages: 537.531V, 53.827V, 13.333V

Secondary Currents: 0.03A, 0.01A, 1A

Secondary DCR: 180.71Ω, 18.416Ω, 0.403Ω

Winding Config: Layer Wound

Core Stack Interleave (1x1)

Dielectric Strength: 2500Vrms

HIPOT Pri.-Sec.: 2000Vrms

120V Temp. Rise: 65.73°F (18.74°C)

240V Temp. Rise:

Leakage Inductance: 0.00578146836569948H

Temperature Range: REACH & REACH & CMRT

Country of Origin United States

Compliance: REACH & REACH & CMRT

Physical

Core Size: EI100 x 1.25in.

Dimensional Drawing: 15000-EI100-125-0XV

Weight: 2.8 lbs.

Bobbin

Material: Nylon 6/6 GF-30

Flammability Rating: Class-HB

Magnet Wire

Material: Nylon coated unrecycled solid copper wire.

Core Material

Material: M6 29 ga. grain oriented lamination steel.

Coil Finishing Wrapper

Material: Polyester film/Non-woven tape.

Secondary Insulation

Material: Clear air dry polyester electrical varnish.

Hardware

Mounting: End Bells

Orientation: Vertical

Terminations

Material: 15 in. (38cm) UL1015, 18 ga. lead wire.

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