



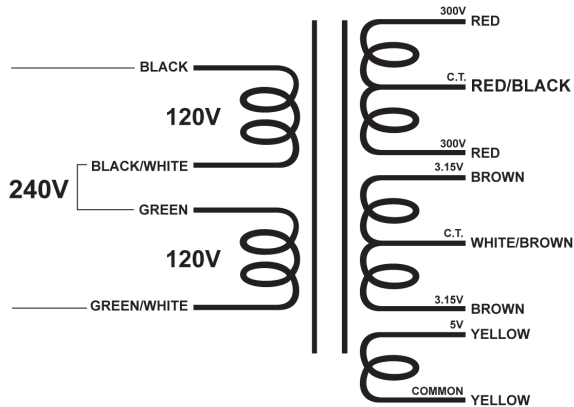
XPWR014-120/240cs

Type: Tube Amplifier Power Transformer.

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

Secondary: 600V (300-0-300)@75mA, 6.3V(3.15-0-3.15)@3A, & 5V@2A

Schematic



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.

Image

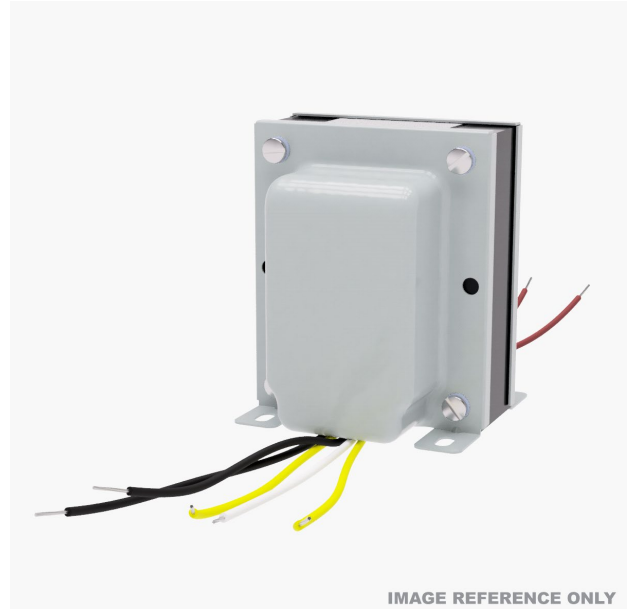


IMAGE REFERENCE ONLY

Specifications:

Total Volt Amperes: 73.9VA

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

Primary Current: 0.647A, 0.323A

Primary DCR: 3.171Ω, 12.701Ω

Primary inductance: 1.241H, 4.962H

Secondary Voltages: 600V, 6.3V, 5V

Unloaded Voltages: 629.306V, 6.787V, 5.244V

Secondary Currents: 0.075A, 3A, 2A

Secondary DCR: 160.898Ω, 0.076Ω, 0.096Ω

Winding Config: Layer Wound

Core Stack: Interleave (1x1)

Dielectric Strength: 2500Vrms

HIPOT Pri.-Sec.: 2000V@60Hz for 1 sec.

Temperature Rise: 61.97°F (16.65°C)

240 Temp. Rise: 61.98°F (16.65°C)

Leakage Inductance: 0.005H

Temperature Range: -40°F(-40°C) to 221°F(105°C)

Physical

Core Size: EI125 x 1.25in.

Dimensional Drawing: 15000-EI125-125-0XV

Weight: 4.4 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.

Material: Tin plate copper EMI shielding 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.

Compliance: Compliance & REACH & REACH

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