

**Control Transformer Class 2** 

# ТСТ50-06Е07К

# **Description:**

Triad control transformers come with tamper resistant shrouds for safety and a steel bracket welded to the bottom of the transformer for ease of mounting. These transformers are design and have the safety agency recognition for application where a Class 2 transformer is necessary. Some of the applications would include, but not limited to HVAC, Control boards, Lighting, etc.

# **Electrical Specifications (@25C):**

- 1. Maximum Power: 50VA
- 2. \*Input (BLK-WHT): 120V, 50/60 Hz, (Fuse: 0.800A Max) (BLK-RED): 240V, 50/60Hz, (Fuse: 0.400A Max)
- 3. Output (YEL-YEL): 24V @ 2.08Amps, (Fuse: 3.0A Max)
- 4. Voltage Regulation: 15% TYP @ full load to no load
- 5. Temperature Rise: <40°C TYP
- 6. Hipot: 1500VAC Input to Output, Input & Output to Core

7. Recommended Fusing: UL Listed, 3AG time-delay type. Fuse can be use on primary or secondary.

\* Only one input voltage to be applied to primary at any time.

### **Construction:**

Three flange bobbin construction with primaries and secondaries wound side by side for low capacitive coupling. Unit weight is 2.0lbs.

### Agency File:

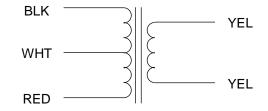
UL: File E65390, UL 5085-3 (1585), Class 2 Transformer cUL: File E65390, UL 5085-3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)



#### **Connections:**

Input: 12±1" insulated leads, stripped and tinned 0.20±0.08", 18AWG stranded Output: 12±1" insulated leads, stripped and tinned 0.20±0.08", 18AWG stranded

### Schematic:



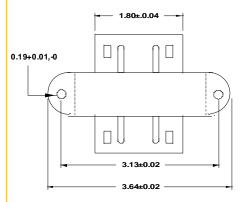
**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

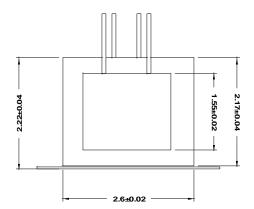
As of April 7, 2008, UL standards 506 and 1585 will be migrated to UL 5085-2 and 5085-3, respectively.

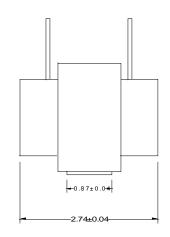
\* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

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