

**Control Transformer** Class 2

# **ТСТ40-09Е07К**

# **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: 40VA
- 2. \*Input (BLK-BLU): 208V, 50/60 Hz
  - (BLK-RED): 240V, 50/60Hz
- 3. Output (YEL-YEL): 24V @ 1.67Amps
- 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. Inherently Limited. No fusing required.
- \* 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 1.5lbs.

## **Agency File:**

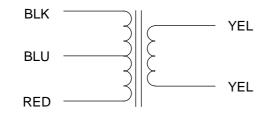
UL: File E65390, UL 5085-3 (1585), Class 2 Transformer cUL: File E65390, UL 5085-3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)



#### **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 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS 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.



