

# **Control Transformer Class 2**

# TCT50-04E07AB

## **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: 240V, 50/60 Hz, (Fuse: 0.300A Max)

3. Output: 12V @ 4.17Amps

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.

#### **Construction:**

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

#### **Agency File:**

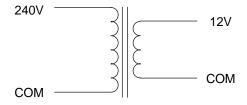
UL: File E65390, UL 5085-3 (1585), Class 2 Transformer cUL: File E65390, UL 5085-3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)



#### **Connections:**

Input: Quick Disconnect tabs,  $0.5 \times 0.25 \times 0.032$ Output: Quick Disconnect tabs,  $0.5 \times 0.25 \times 0.032$ 

### **Schematic:**



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



