

# Control Transformer Class 2

## **TCT3-03E07AE**

#### **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):

Maximum Power: 2.5VA
Input: 120V, 50/60 Hz
Output: 12V @ 0.250Amps

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.

#### **Construction:**

Three flange bobbin construction with primaries and secondaries wound side by side for low capacitive coupling.

#### Agency File:

UL: File E65390, UL 5085-1 & 3 (1585), Class 2 Transformer cUL: File E65390, UL 5085-1 & 3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)

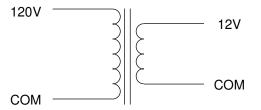


#### **Connections:**

Input: Quick Disconnect tabs, 0.25 x 0.25 x 0.032 Output: Quick Disconnect tabs, 0.187 x 0.25 x 0.020

Dimensions: in

#### **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, respectably.

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

