

Control Transformer Class 2

TCT40-07E07AB

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: 120V, 50/60 Hz, (**Fuse:** 0.600A Max)

208V, 50/60Hz, (**Fuse:** 0.375A Max) 240V, 50/60Hz, (**Fuse:** 0.300A Max)

- 3. Output: 12V @ 3.34Amps, (Fuse: 4.0A 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 1.5lbs.

Agency File:

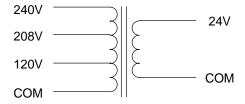
UL: File E65390, UL 5085-3 (1585), Class 2 Transformer cUL: File E65390, UL 5085-3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)



Connections:

Input: Quick Disconnect tabs, 0.5 x 0.25 x 0.032 Output: Quick Disconnect tabs, 0.5 x 0.25 x 0.032

Schematic:

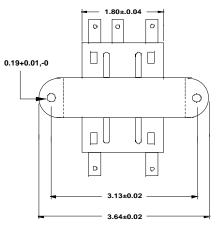


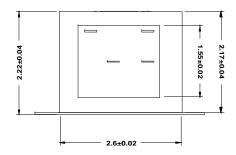
RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

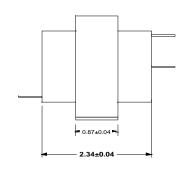
As of April 7, 2008, UL standards 506 and 1585 will be migrated to UL 5085-2 and 5085-3, respectively.

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









Web: www.TriadMagnetics.com Phone 951-277-0757 Fax 951-277-2757

460 Harley Knox Blvd. Perris, California 92571

Publish Date: December 4, 2013