

Control Transformer Class 2

TCT50-06E07AB

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: 120V, 50/60 Hz, (**Fuse:** 0.800A Max) 240V, 50/60Hz, (**Fuse:** 0.375A Max)

3. Output: 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:

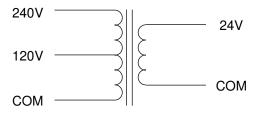
UL: File E65390, UL 5085-3 (1585), Class 2 Transformer cUL: File E65390, UL 5085-3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)



Connections:

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

Schematic:

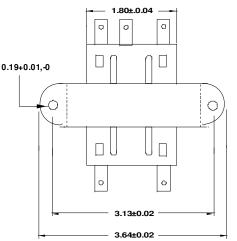


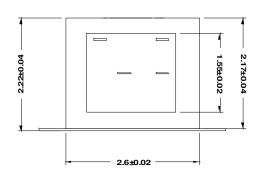
RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

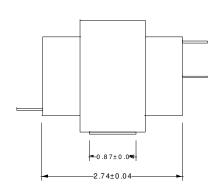
As of April 7, 2008, UL standards 506 and 1585 will be migrated to UL 5085-2 and 5085-3, respectively.

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









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