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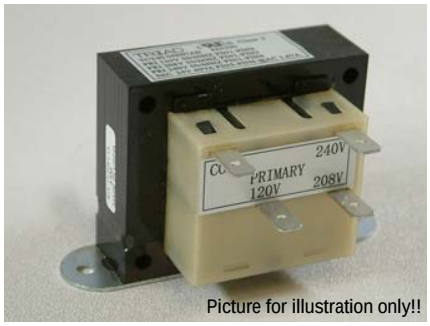
Triad Magnetics
TCT50-09E07AB

For any questions, you can email us directly:
sales@integrated-circuit.com

Control Transformer
Class 2

TCT50-09E07AB

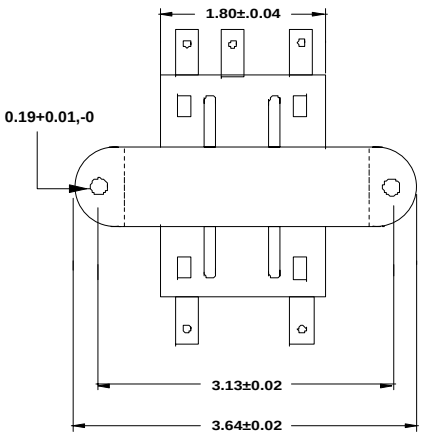


Picture for illustration only!!

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: 208V, 50/60 Hz, (**Fuse:** 0.400A 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.

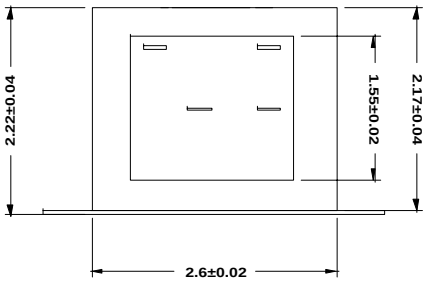
* Only one input voltage to be applied to primary at any time.



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

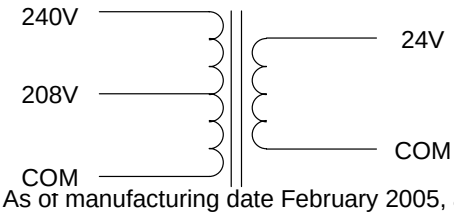
Agency File:
UL: File E65390, UL 5085-3 (1585), Class 2 Transformer
cUL: File E65390, UL 5085-3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)

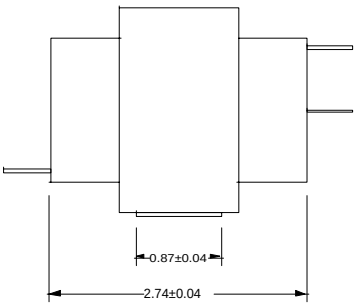
c UL us



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

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