



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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TCT50-10E07AB

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:** 0.300A Max)
240V, 50/60Hz, (**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.
- * 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:

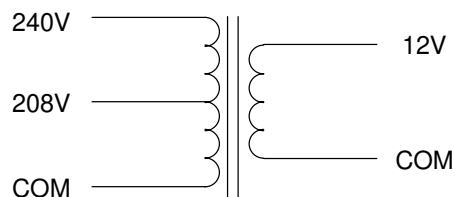
UL: File E65390, UL 5085-3 (1585), Class 2 Transformer
cUL: File E65390, UL 5085-3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)



Connections:

Input: Quick Disconnect tabs, 0.5 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 Magnetix’ website for the most current version.

