

Current Sense / Low Frequency Transformers

C S E 1 8 4 L

Description:

Triad's low frequency current sense transformers are designed to monitor current from 0.1 to 1 ampere at frequencies from 50 Hz to 400 Hz.

Electrical Specifications at 25° C: Turns ratio: Primary to sense 1: 16.67 Suggested burden resistor: 60Ω Typical output: $\frac{110\text{mV/Amp}}{125\text{m}\Omega}$ Primary DCR: $125\text{m}\Omega$ maximum Sense DCR: 23Ω maximum

Operating Temperature: -30°C to 95°C Storage Temperature: -50°C to 125°C Maximum input: 1Arms, 0-240VAC circuit

Maximum output voltage: 4.0Vrms. Burden resistor value must be selected

to not exceed this voltage.

Response Curve:

Construction:

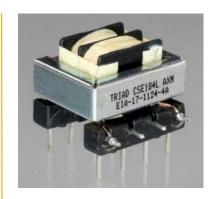
These transformers are provided with Recognized Component electrical insulation system (OBJY2), Class 130 (B), designated "B3". Products are designed, built and 100% tested for a hi-pot of 2500V, winding to winding and 1250V, winding to core.

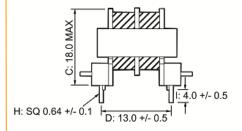
Agency Files:

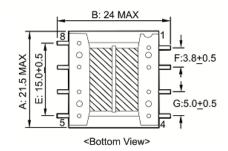
UL file E50476 - Electrical Insulation Systems, Class "B3", 130C

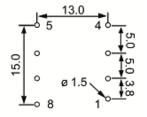
RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

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

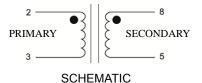








PC BOARD LAYOUT



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Publish Date: December 4, 2013

AMEYA360 Components Supply Platform

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