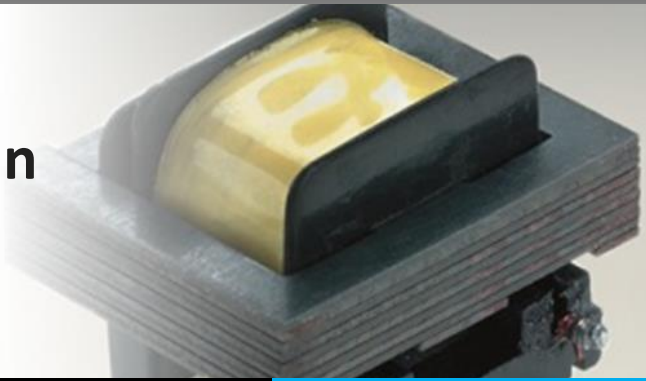


Current Sense Transformers in Custom and Standard Design



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Standex-Meder current sense transformers are at work in many commercial and industrial applications worldwide. Our standard CSB series offers a plug-in solution for P.C. board mounting. Custom designs address individual customer requirements – and are as varied as their applications.

Standex-Meder engineers begin each project by understanding the end-result desired – then we determine an appropriate means to achieve it. We offer ideas and engineering expertise at each step. We back this up with worldwide support.



Ideal for a wide range of applications:

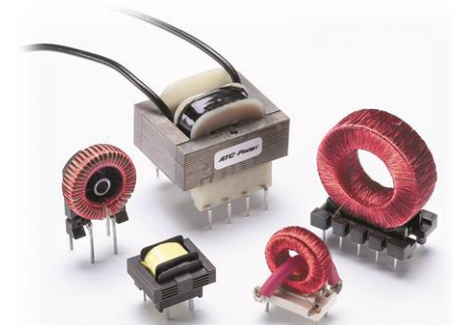
- Over-current sensing for circuit breakers
- Isolated current sensing for appliances
- Load variation sensing for frozen drink machines
- Current sense transformers for load house monitoring
- Over-current sensing for home appliances
- Transformers to power refrigeration units for refrigerated trailers
- Automatic transfer switches
- Current monitoring for power factor

Standard-Meder Current-Sense Transformer (CSB series) specifications:

- Integrated primary winding in a low-cost compact package
- Varnish impregnated to reduce audible noise
- Isolation from primary to secondary and to the core is tested at 2500 vrms
- Plastic bobbin meets UL-94 V-O flammability requirements.
- Operates from -40°C to 125°C

Custom Current-Sense Transformers:

- Available with various terminations - P.C. mount, flying lead, custom leads & connectors, termination by terminals, and more.
- Open toroidal construction or custom encapsulation (molding)
- Severe duty encapsulation for extreme environments
- Can be developed to suit any current ratio, output, or capacitance desired
- Can be configured for extreme conditions and hazards (temperature, radiation, humidity, etc.)



Product Solutions

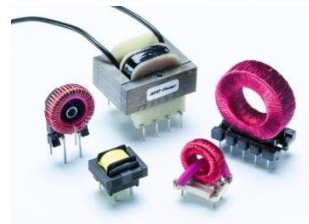
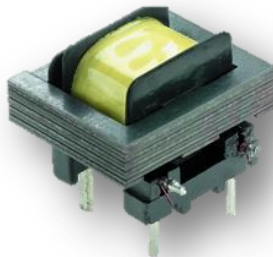
Manufacturing & test capabilities include:

- Hi-volume, Progressive Die Stamping
- Wire Prep and Wire Harness Assembly
- Glass to Metal Sealing
- 52ga-8ga & Foil Magnetic Component Winding
- Wind and Assemble all core shapes and types including laminated
- Rapid Prototyping
- TS16949:2002, QS9000 and ISO Certified Plants
- Fully Equipped Certified Test Labs
- In-house molding

The Oakville lab facility is approved as a Witness Testing Location by the following agencies:

- Canadian Standards Association (CSA)
- Underwriters Laboratories
- Intertek Testing Services (ETL)
- TÜV Rheinland®

Current Sense Transformer -
PC mount



General current sense PC
board mount transformer

Termination by
Terminals



Custom Toroidal Current
Sense Transformer for In-
dustrial and Commercial
applications

High reliability current sense
transformer for military applica-
tions Environmental



Rugged, Heavy-duty
Current Transformer for
Severe Environmental