

### WE CAN CUSTOMIZE A CURRENT SENSE TRANSFORMER FOR MOST EXTREME ENVIRONMENTS

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

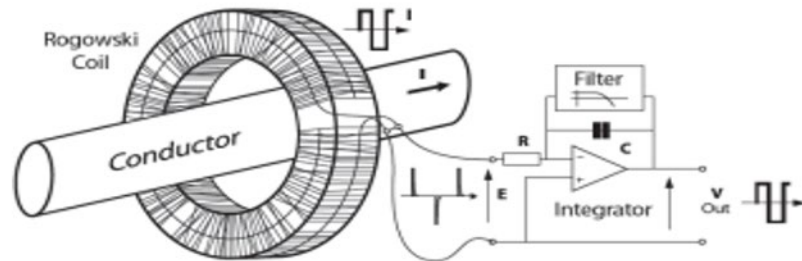
Standex engineers begin each project by understanding the end-result desired – then we determine an appropriate means to achieve it. We offer ideas and engineering expertise at each step, backed with worldwide support.



#### Ideal for a wide range of applications:

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

#### ROGOWSKI COIL OPERATION



### STANDARD CSB SERIES CURRENT SENSE TRANSFORMER 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-0 flammability requirements
- › Operates from -40°C to 125°C

### CUSTOM CURRENT SENSE TRANSFORMERS:

- › Termination options - 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.)



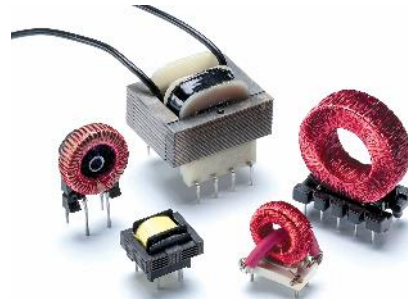
**Manufacturing & test capabilities include:**

- 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
- AS9100, ISO9001, IATF16949 Certified
- ITAR & NIST Compliant
- Fully Equipped Certified Test Labs
- In-house molding

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

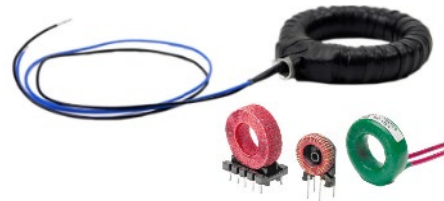
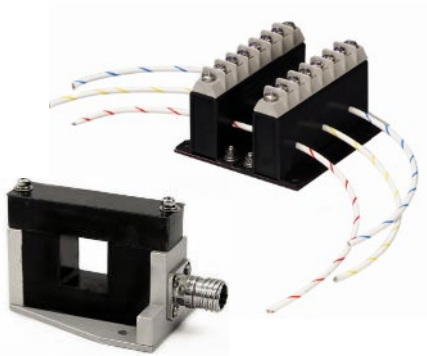
- Canadian Standards Association (CSA)
- Underwriters Laboratories
- Intertek Testing Services (ETL)
- TÜV Rheinland

Current Sense Transformer - PC mount



General current sense PC board mount transformer

Termination by Terminals



Custom Toroidal Current Sense Transformer for Industrial and Commercial applications

High reliability current sense transformer for military applications Environmental



Rugged, Heavy-duty Current Transformer for Severe Environmental