

# Split Core Current Transformer

**Model EI-ECSL15 Series**  
**50 / 100 / 200 A Primary to 0.333 V Secondary**  
 Window Diameter 0.47"

CATALOG NUMBER	CURRENT RATIO	BURDEN (VA)	ACCURACY @ 60 Hz
EI-ECSL15-50	50 A / 0.333 V	5 VA	0.5%
EI-ECSL15-100	100 A / 0.333 V	5 VA	0.5%
EI-ECSL15-200	200 A / 0.333 V	5 VA	0.5%



## Description

The 0.5% Class EI-ECSL15 Series CTs are the smallest split core CTs that EIG offers. The transformers provide 50 A, 100 A, or 200 A primary to 0.333 V secondary. They are designed for use with submetering products, including EIG's ST40 compact DIN-rail mounted energy and power quality meter. The CTs' compact size and light weight are suitable for fitting inside panel boxes and tight installation spaces, they are built for durability.

## Features

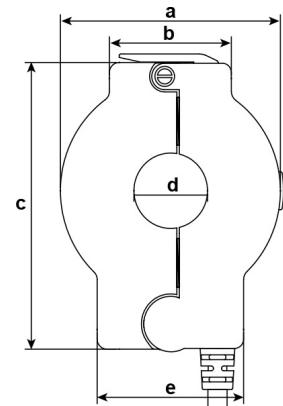
- 0.47" / 1.19 cm window opening.
- Rigid housing case with UL 94V-0 flame-retardant plastic.
- 6 ft. twisted wire leads - black/white, 18AWG.
- Designed with a nanocrystalline core for high accuracy.
- Category III 600 V installation.

## Applications

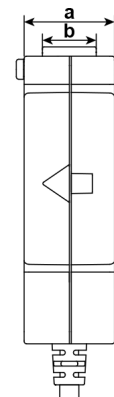
- Energy submetering.
- Small electrical load monitoring.
- Network equipment.
- Machine level monitoring.
- Control systems.
- "Go Green" initiatives.

## Specifications

- Standard Primary Input Current - 50 A / 100 A / 200 A
- Secondary Output - 0.333 V
- Frequency - (50 - 400) Hz
- Voltage Rating - 600 V AC, BIL 10 KV AC
- Full-wave
- Linearity - 0.2%
- Polarity - White (X1 - Hi), Black (X2 - Low)
- Phase Direction - Arrow Points Toward Load
- Operating Temperature - (-40 to +65) °C / (-40 to +149) °F
- Altitude - 6561.68 ft. / 2000 m
- Approximate Weight - 0.14 lbs. / 65 g
- UL2808 (XOBA) & IEC 61010-1



a - 4.50 +/- 0.05 cm / 1.77 in.  
 b - 2.50 cm / 0.98 in.  
 c - 5.70 +/- 0.05 cm / 2.24 in.  
 d - 1.19 cm / 0.47 in.  
 e - 3.00 +/- 0.05 cm / 1.18 in.



a - 1.85 +/- 0.05 cm / 0.73 in.  
 b - 1.10 cm / 0.43 in.



1800 Shames Drive, Westbury, NY 11590 **1-877-EIMETER**  
 (1-877-346-3837) **Tel:** 516-334-0870 **Fax:** 516-338-4741  
**Email:** sales@electroind.com **www.electroind.com**

