Current Transformer
Model EI-ECSL15 Series

50 / 100 / 200 A Primary to 0.333 V Secondary
Window Diameter 0.47"

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 small load applications. Ideal for fitting inside panel boxes and tight installation spaces, they are built for durability.

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%

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

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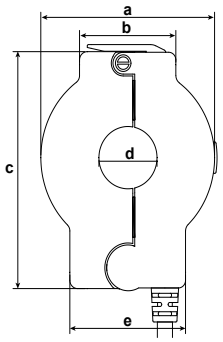
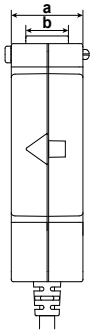
RoHS COMPLIANT

Dimensions



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.

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