Current Transformer

Description

The ELCT series is a sensitive current transformer with integrated flux conditioner used with Littelfuse relays to detect low levels of earth-leakage current.

Accessories

CBLTP
Twisted-pair wire for connection to CT.
Order in desired length in meters.

Specifications

Current Rating	**ELCT5:** 5:0.05 A **ELCT30:** 30:0.05 A
Accuracy	**ELCT5**: 3% @ 0.01 VA **ELCT30**: 3% @ 0.06 VA
Frequency	50 to 400 Hz
Insulation Level	600 V
Operating Temperature	-40 to 55 °C (-40 to 131 °F)
Application	SE-701
Wire Gauge	0.05–3.3mm² (12–30 AWG)
Tightening Torque	0.5 N-m
Certification	UL, cUL, CE
Compliance	RoHS, IEC 61869-2, ANSI/IEEE C57.13

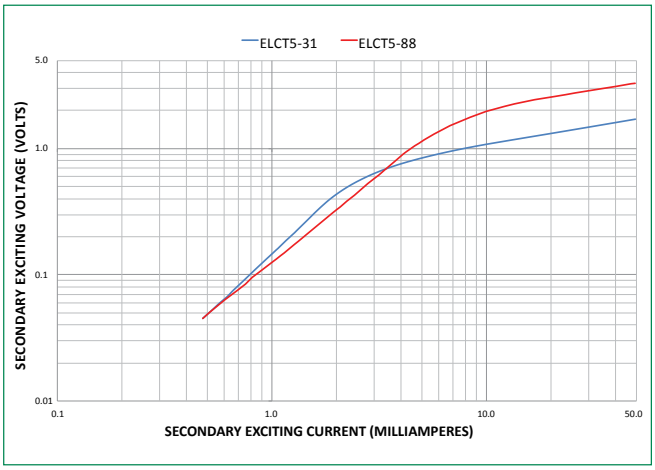
Note: One frequency response may be extended for specific product families

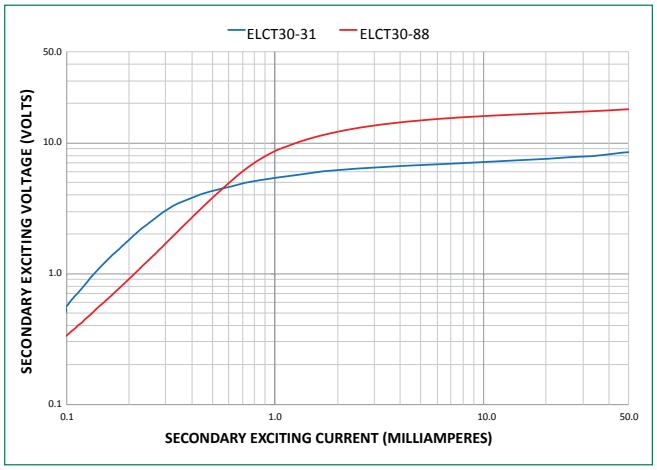
Ordering Information

ORDERING NUMBER	TURNS RATIO	WINDOW SIZE, ID	WEIGHT
ELCT5-31	100:1	31mm (1.22 in)	127.0 g (0.28 lbs)
ELCT5-88	100:1	88mm (3.46 in)	635.0 g (1.40 lbs)
ELCT30-31	600:1	31mm (1.22 in)	131.5 g (0.29 lbs)
ELCT30-88	600:1	88mm (3.46 in)	680.4 g (1.50 lbs)

Recommended Relay

Series: SE-330
SE-704 (ELCT30-series)





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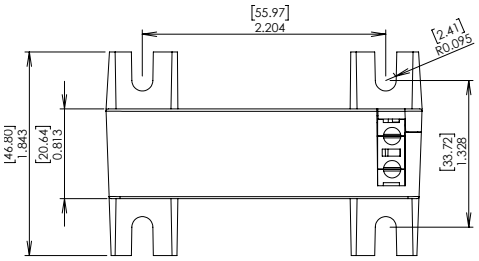
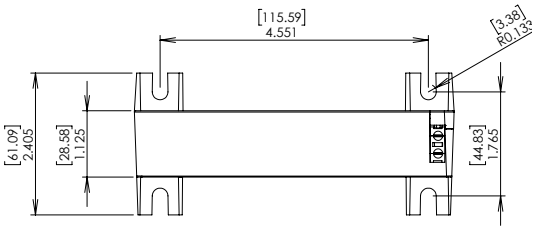
Rev: 081022

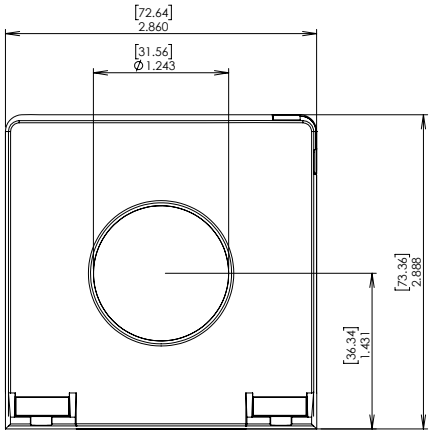
Dimensions and Mounting Diagram
Inches [millimeters]

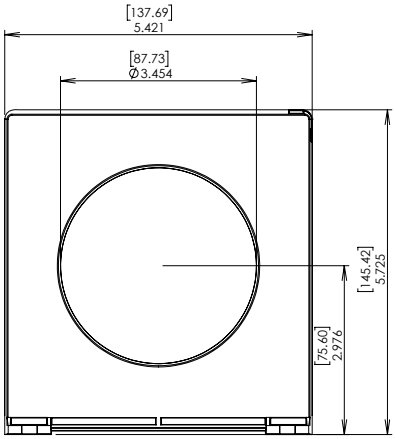
Mount the ELCT5-31 and ELCT30-31 using M5 or #10 screws.
Mount the ELCT5-88 and ELCT30-88 using M6 or ¼" screws.



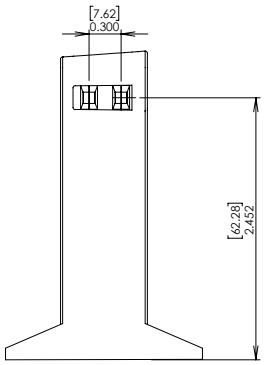


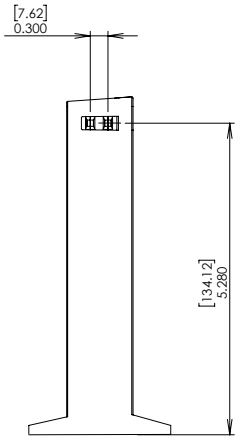
TOP VIEW AND MOUNTING DETAIL





FRONT VIEW





ELCT5-31 and ELCT30-31 **SIDE VIEW** **ELCT5-88 and ELCT30-88**

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