

AcuCT Hinged Series

AcuCT-H063

Compact Split-Core Current Transformer
Datasheet



Featuring an ultra-compact design with a convenient, hinged opening, the AcuCT Hinged split-core current transformers are high-accuracy sensors that are ideally-suited for branch circuit monitoring in crowded electrical panels. The installer-friendly, hinged design facilitates fast installation without cable or wire disconnection.

Features

- High accuracy: 0.5% from 10%-120% of rated current
- Features an inherently-safe, 333mV output
- Quick installation thanks to hinged Split-Core design
- Compact design is ideal for electrical panels with limited space
- UL Recognized



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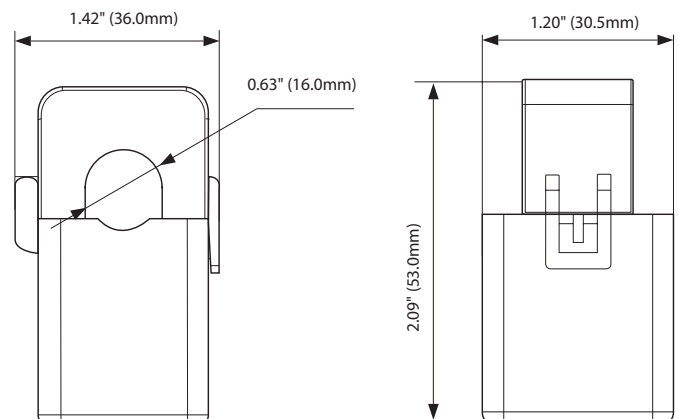
Revision Date: Sep 2021 Version: 1.0.0
Specs Subject To Change Without Notice.



Specifications

RATED CURRENT		50A, 100A, 150A
Current Range		10% - 120% of rated current
Output		333mV
Accuracy		0.5%
MECHANICAL/ENVIRONMENTAL		
Form Factor		Hinged Split-Core CT
Window Size		16.0mm (0.63")
Exterior Dimensions		36.0mm x 30.5mm x 53.0mm 1.42" x 1.20" x 2.09"
Case Material		Black Nylon, UL 94V-0
Lead Wires		2.5m (8ft) twisted pair, 26AWG
Operating Temperature		-15°C to 60°C / 5°F to 140°F
Operating Humidity		Non-condensing, 0 to 95% RH
Installation Conditions		Indoor Use
ELECTRICAL		
Wire Polarity		White=Positive, Black=Negative
Phase Orientation		Arrow Points Towards Load
Frequency Range		50-1KHz
Burden		50A: 20Ω / 100A: 10Ω / 150A: 6.66Ω
SAFETY/COMPLIANCE		
Rated Voltage		600Vac, Category III
Certifications		CE, RoHS, cURus (E359521)

Dimensions



Ordering Information

			Rated Input	Rated Output
Ordering Number	AcuCT- H063	-	:	:333
Ordering Example	AcuCT- H063	- 50	:	:333
		50: 50A		
		100: 100A		
		150: 150A		