

AcuCT Hinged Series

AcuCT-H100

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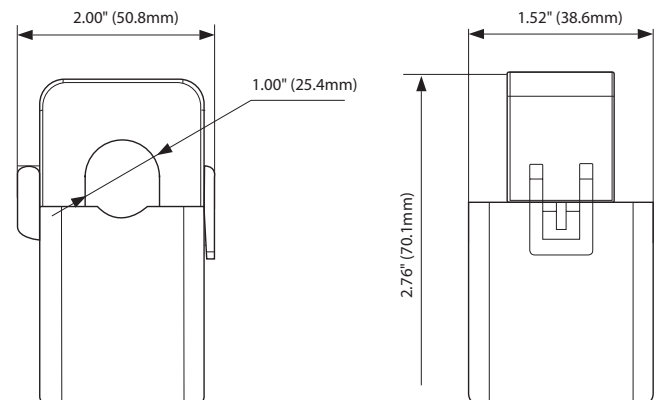
Revision Date: Sep 2021 Version: 1.0.0
Specs Subject To Change Without Notice.



Specifications

RATED CURRENT		100A, 120A, 200A, 250A
Current Range		10% - 120% of rated current
Output		333mV
Accuracy		0.5%
MECHANICAL/ENVIRONMENTAL		
Form Factor		Hinged Split-Core CT
Window Size		25.4mm (1.00")
Exterior Dimensions		50.8mm x 38.6mm x 70.1mm 2.00" x 1.52" x 2.76"
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		100A: 10Ω / 120A: 8.33Ω / 200A: 5Ω / 250A: 4Ω
SAFETY/COMPLIANCE		
Rated Voltage		600Vac, Category III
Certifications		CE, RoHS, cURus (E359521)

Dimensions



Ordering Information

			Rated Input	Rated Output
Ordering Number	AcuCT- H100	-	:	:333
Ordering Example	AcuCT- H100	- 120	:	:333
		100:	100A	
		120:	120A	
		200:	200A	
		250:	250A	