

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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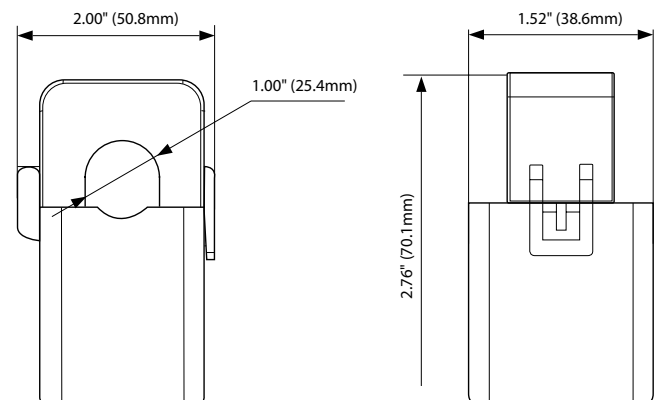
Revision Date: August 2023 Version: 1.0.3
Specs Subject To Change Without Notice.



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	-25°C to 70°C / -13°F to 158°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 (50-400Hz)
Output Resistance (Voltage Output)@333mV; burden@5A	100A: 10Ω / 120A: 8.33Ω / 200A: 5Ω / 250A: 4Ω
SAFETY/COMPLIANCE	
Withstand Voltage	3.0KV/1mA/1min
Rated Voltage	600VAC
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