

AcuCT Hinged Series

AcuCT-H040

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.

Distributed by MicroDAQ, LLC

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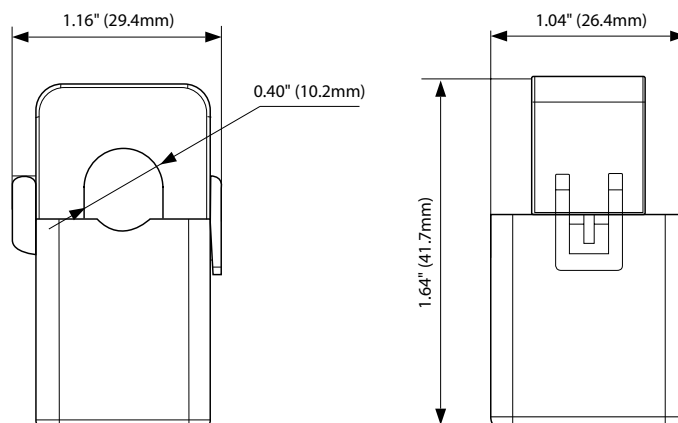
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Specifications

RATED CURRENT	
Current Range	5A, 20A, 30A, 40A, 50A, 60A
Output	10% - 120% of rated current
Accuracy	333mV
MECHANICAL/ENVIRONMENTAL	
Form Factor	0.5%
Window Size	Hinged Split-Core CT
Exterior Dimensions	10.2mm (0.40")
Case Material	29.4mm x 26.4mm x 41.7mm 1.16" x 1.04" x 1.64"
Lead Wires	Black Nylon, UL 94V-0
Operating Temperature	2.5m (8ft) twisted pair, 26AWG
Operating Humidity	-25°C to 70°C / -13°F to 158°F
Installation Conditions	Non-condensing, 0 to 95% RH
ELECTRICAL	
Wire Polarity	Indoor Use
Phase Orientation	White=Positive, Black=Negative
Frequency Range	Arrow Points Towards Load
Output Resistance (Voltage Output)@333mV; burden@5A	50-1KHz (50-400Hz)
SAFETY/COMPLIANCE	
Withstand Voltage	20A: 33.3Ω / 30A: 33.3Ω / 40A: 25Ω / 50A: 20Ω / 60A: 16.66Ω
Rated Voltage	3.0KV/1mA/1min
Certifications	600VAC
	CE, RoHS, cURus (E359521)

Dimensions



Ordering Information

		Rated Input	Rated Output
Ordering Number	AcuCT- H040	-	: :333
Ordering Example	AcuCT- H040	- 20	: :333
5: 5A			
20: 20A			
30: 30A			
40: 40A			
50: 50A			
60: 60A			