

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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Specs Subject To Change Without Notice.



Specifications

RATED CURRENT	5A, 20A, 30A, 40A, 50A, 60A
Current Range	10% - 120% of rated current
Output	333mV
Accuracy	0.5%

MECHANICAL/ENVIRONMENTAL

Form Factor	Hinged Split-Core CT
Window Size	10.2mm (0.40")
Exterior Dimensions	29.4mm x 26.4mm x 41.7mm 1.16" x 1.04" x 1.64"
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

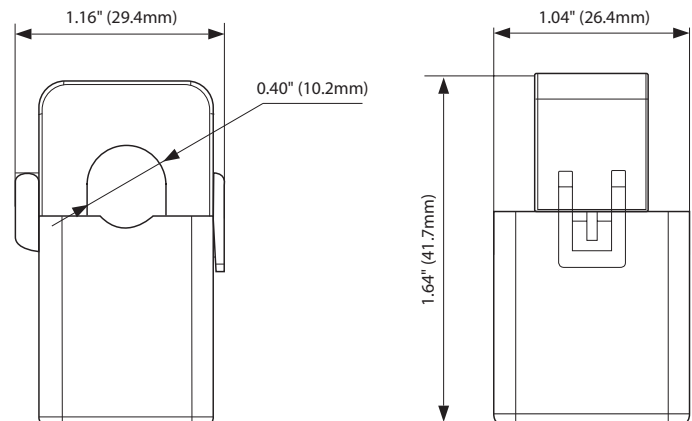
ELECTRICAL

Wire Polarity	White=Positive, Black=Negative
Phase Orientation	Arrow Points Towards Load
Frequency Range	50-1KHz
Burden	20A: 33.3Ω / 30A: 33.3Ω / 40A: 25Ω / 50A: 20Ω / 60A: 16.66Ω

SAFETY/COMPLIANCE

Rated Voltage	600Vac, Category III
Certifications	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	