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





Accuenergy Inc. Los Angeles - Toronto - Pretoria North America Toll Free: 1-877-721-8908

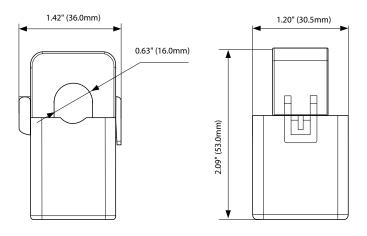
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ACCUENERGY

Specifications

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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, 22AWG				
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	50Α: 20Ω / 100Α: 10Ω / 150Α: 6.66Ω				
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- H063	-		:	:333
Ordering Example	AcuCT- H063		50	:	:333
			50: 50A		
			100: 100A		
			150: 150A		