

# 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

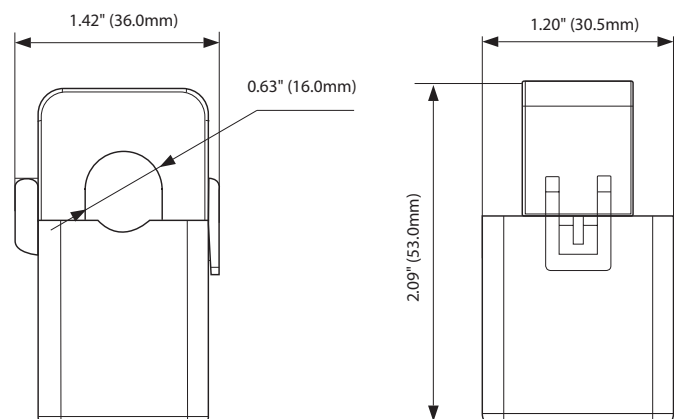
- High accuracy: 0.5%
- Features an inherently safe, 333mV output
- Quick installation facilitated by hinged split-core design
- Compact design is ideal for electrical panels with limited space
- UL Recognized



### Specifications

<b>RATED CURRENT</b>	
Current Range	5A, 30A, 50A, 75A, 100A, 150A
Output	10% - 120% of Rated Current
Output	333mV
Accuracy	0.5%
<b>MECHANICAL/ENVIRONMENTAL</b>	
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
<b>ELECTRICAL</b>	
Wire Polarity	White=Positive, Black=Negative
Phase Orientation	Arrow Points Towards Load
Frequency Range	50-1KHz (50-400Hz)
<b>SAFETY/COMPLIANCE</b>	
Withstand Voltage	3.0KV / 1mA / 1min
Rated Voltage	600VAC
Certifications & Compliance	CE, RoHS, cURus (E359521)

### Dimensions



## Typical Parameter

MODEL	CURRENT RATIO	ACCURACY CLASS	LEAD LENGTH
AcuCT-H063-5: 333mV	5/333mV	0.50%	2.5m
AcuCT-H063-30: 333mV	30/333mV	0.50%	2.5m
AcuCT-H063-50: 333mV	50/333mV	0.50%	2.5m
AcuCT-H063-75: 333mV	75/333mV	0.50%	2.5m
AcuCT-H063-100: 333mV	100/333mV	0.50%	2.5m
AcuCT-H063-150: 333mV	150/333mV	0.50%	2.5m

## Ordering Information

<i>Model</i>	-	<i>Rated Input</i>	:	<i>Rated Output</i>
AcuCT-H063		5: 5A		333mV
		30: 30A		
		50: 50A		
		75: 75A		
		100: 100A		
		150: 150A		

### Ordering Example

AcuCT-H063 - 50 : 333mV



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