

AcuCT 5A Series

AcuCT-3147

5A Split-Core Current Transformer Datasheet



The AcuCT 5A Series is a rugged, compact split-core current transformer designed with either 1A or 5A industrial output. Choose from multiple sizes & input ranges to adapt to a variety of special project requirements. The helpful split-core design is easy to install and does not require disconnection of cables or wires.

Features

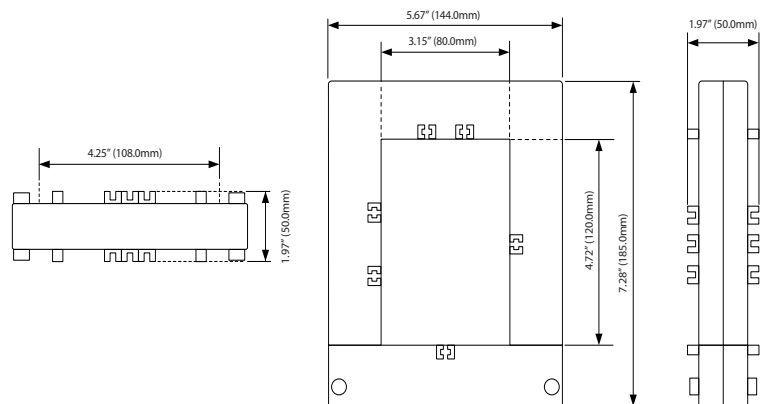
- Revenue grade accuracy: IEC 61869-2 Class 0.5 (from 5% - 120% of rated current)
- Choose from 1A or 5A industrial standard output
- Split-core design streamlines installation
- Included accessories provide multiple mounting options
- UL Recognized



Specifications

RATED CURRENT	
Current Range	1000A, 1200A, 1600A
Output	5%, 120% of Rated Current
Output	5A, 1A
Accuracy	IEC 61869-2 Class 0.5
MECHANICAL/ENVIRONMENTAL	
Form Factor	Split-Core CT
Window Size	80.0mm x 120.0mm (3.15" x 4.72")
Exterior Dimensions	144.0mm x 185.0mm x 50.0mm 5.67" x 7.28" x 1.97"
Case Material	UL 94V-0 Rated Flame Retardant
Lead Wires	1000mm (3.28ft), 16AWG UL 1015 Twisted Pair
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 - 400Hz
Burden	5A
SAFETY/COMPLIANCE	
Withstand Voltage	3.0kV / 1mA / 1min
Rated Voltage	600VAC
Certifications	CE, RoHS, cURus (E359521), IEC 61869-2

Dimensions



Typical Parameter

MODEL	CURRENT RATIO	ACCURACY CLASS	BURDEN/ RESISTANCE	LEAD LENGTH
AcuCT-3147-1000: 1A	1000/ 1A	IEC 61869-2 Class 0.5	5A	1m
AcuCT-3147-1200: 1A	1200/ 1A	IEC 61869-2 Class 0.5	5A	1m
AcuCT-3147-1600: 1A	1600/ 1A	IEC 61869-2 Class 0.5	5A	1m
AcuCT-3147-1000: 5A	1000/ 5A	IEC 61869-2 Class 0.5	5A	1m
AcuCT-3147-1200: 5A	1200/ 5A	IEC 61869-2 Class 0.5	5A	1m
AcuCT-3147-1600: 5A	1600/ 5A	IEC 61869-2 Class 0.5	5A	1m

Ordering Information

<i>Model</i>	-	<i>Rated Input</i>	:	<i>Rated Output</i>
AcuCT-3147		1000: 1000A		5: 5A
		1200: 1200A		1: 1A
		1600: 1600A		

Ordering Example

AcuCT-3147 - 1600 : 5A



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