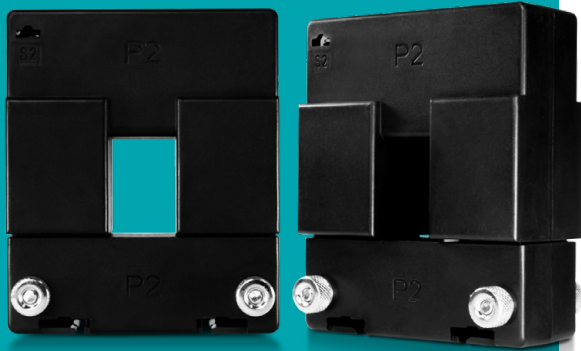


AcuCT 5A Series

AcuCT-0812

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

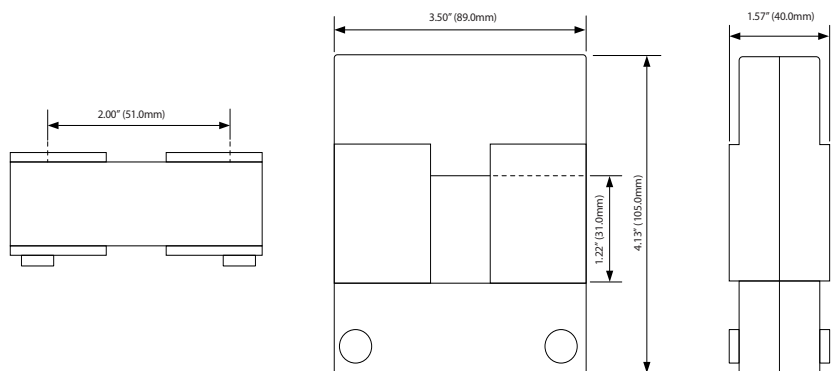
- Revenue grade accuracy: 0.5%
- Choose from 1A or 5A industrial standard output
- Split-core design streamlines installation
- Included accessories provide multiple mounting options
- UL Recognized



Specifications

RATED CURRENT	50A, 100A, 150A, 200A, 250A, 300A, 400A
Current Range	5% - 120% of Rated Current
Output	5A, 1A
Accuracy	0.5%
MECHANICAL/ENVIRONMENTAL	
Form Factor	Split-Core CT
Window Size	21.0mm x 31.0mm (0.83" x 1.22")
Exterior Dimensions	89.0mm x 105.0mm x 40.0mm 3.50" x 4.13" x 1.57"
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	2.5VA
SAFETY/COMPLIANCE	
Withstand Voltage	3.0KV / 1mA / 1min
Rated Voltage	600VAC
Certifications	CE, RoHS, cURus (E359521)

Dimensions



Typical Parameter

MODEL	CURRENT RATIO	ACCURACY CLASS	BURDEN/ RESISTANCE	LEAD LENGTH
AcuCT-0812-50: 1A	50/1A	1.00%	2.5VA	1m
AcuCT-0812-100: 1A	100/1A	1.00%	2.5VA	1m
AcuCT-0812-150: 1A	150/1A	1.00%	2.5VA	1m
AcuCT-0812-200: 1A	200/1A	1.00%	2.5VA	1m
AcuCT-0812-250: 1A	250/1A	0.50%	2.5VA	1m
AcuCT-0812-300: 1A	300/1A	0.50%	2.5VA	1m
AcuCT-0812-400: 1A	400/1A	0.50%	2.5VA	1m
AcuCT-0812-50: 5A	50/5A	1.00%	2.5VA	1m
AcuCT-0812-100: 5A	100/5A	1.00%	2.5VA	1m
AcuCT-0812-150: 5A	150/5A	1.00%	2.5VA	1m
AcuCT-0812-200: 5A	200/5A	1.00%	2.5VA	1m
AcuCT-0812-250: 5A	250/5A	0.50%	2.5VA	1m
AcuCT-0812-300: 5A	300/5A	0.50%	2.5VA	1m
AcuCT-0812-400: 5A	400/5A	0.50%	2.5VA	1m

Ordering Information

<i>Model</i>	-	<i>Rated Input</i>	:	<i>Rated Output</i>
AcuCT-0812		50: 50A		5: 5A
		100:100A		1: 1A
		150: 150A		
		200: 200A		
		250: 250A		
		300: 300A		
		400: 400A		

Ordering Example	AcuCT-0812	-	200	:	5A
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