

AcuCT R Series

AcuCT-075R

Revenue Grade Split-Core
Current Transformer Datasheet



The AcuCT R Series CTs are premium, revenue grade split-core current transformers with a selection output options and class-leading accuracy. UL2808 Listed for guaranteed safety and quality, the AcuCT R Series combines a compact, durable form factor with a sturdy latch for added assurance in challenging applications. Installation is straightforward thanks to the user-friendly, press-open design.

Features

- Revenue grade accuracy: IEC 61869-2 Class 0.5s (from 5% - 120% of rated current)
- Choose from multiple secondary output options including 80mA and 333mV
- The press-open design helps to speed and simplify installation
- Includes accessories for several mounting options
- UL Listed for XOBA UL2808 standard, CSA C22.2 No. 61010-1



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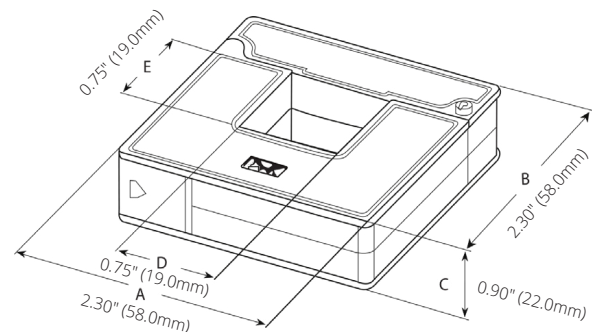
Revision Date: August 2023 Version: 1.0.2
Specs Subject To Change Without Notice



Specifications

RATED CURRENT		50A, 100A, 150A
Current Range		5% - 120% of rated current
Output		80mA, 100mA, 200mA, 333mV
Accuracy		IEC 61869-2 Class 0.5s
MECHANICAL/ENVIRONMENTAL		
Form Factor		Press Open Split-Core CT
Window Size		19.0mm x 19.0mm (0.75" x 0.75")
Exterior Dimensions		58.0mm x 58.0mm x 22.0mm 2.30" x 2.30" x 0.90"
Case Material		UL enclosure rated to 135°C (275°F)
Lead Wires		2.5m (8ft) UL 1015 18AWG
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		50/60Hz
Output Resistance (Voltage Output)@333mV; burden@ 80mA, 100mA, 200mA, 5A, 1A		100A/333mV :25Ω 80mA,100mA,200mA:10Ω
SAFETY/COMPLIANCE		
Withstand Voltage		5.0KV/1mA/1min
Rated Voltage		600VAC, Rated CAT III

Dimensions



Ordering Information

		Rated Input	Rated Output
Ordering Number	AcuCT-075R	-	:
Ordering Example	AcuCT-075R	- 50	: 333mV
		50: 50A	333mV
		100: 100A	80mA
		150: 150A	100mA
			200mA