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





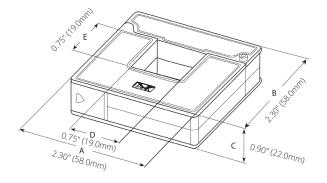
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Specifications

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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