

AcuCT mV Series

AcuCT-075

333mV Split-Core Current Transformer
Datasheet



Ideal for gathering high-precision measurements in commercial or industrial electrical panels or switchgear, the AcuCT mV Series is a revenue grade current transformer with a safe, 333mV output. The AcuCT mV is compatible with a range of meters or other instrumentation and the pull-apart, split-core design helps facilitate fast installation without cable or wire disconnection.

Features

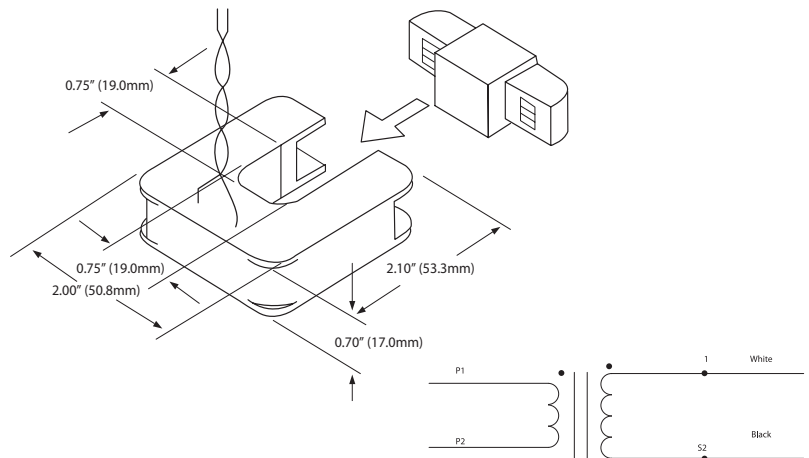
- Revenue grade accuracy: IEC 61869-2 Class 0.5s (from 5% - 120% of rated current)
- Safe, 333mV output
- Split-Core design for quick installation
- UL Recognized



Specifications

RATED CURRENT	
Current Range	50A, 100A, 200A
Output	5% - 120% of rated current
Accuracy	333mV
	IEC 61869-2 Class 0.5s
MECHANICAL/ENVIRONMENTAL	
Form Factor	Split-Core CT
Window Size	19.0mm x 19.0mm (0.75" x 0.75")
Exterior Dimensions	50.8mm x 53.3mm x 17.0mm 2.00" x 2.10" x 0.70"
Case Material	Epoxy Encapsulated Housing, UL 94V-0
Lead Wires	2.5m (8ft) twisted pair, 22AWG
Operating Temperature	-20°C to 55°C / -4°F to 131°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	100A: 25Ω / 200A: 12.5Ω
SAFETY/COMPLIANCE	
Withstand Voltage	3.0KV/1mA/1min
Insulation Voltage	600Vac, Category III
Rated Voltage	600VAC
Certifications	CE, RoHS, cURus (E359521)

Dimensions



Ordering Information

Ordering Number	Rated Input	Rated Output
AcuCT-075	-	: :333
Ordering Example	AcuCT-075 - 100	: :333
	50: 50A	
	100: 100A	
	200: 200A	



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Specs Subject To Change Without Notice.