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
 0.5 (from 5% 120% of rated current)
- Safe, 333mV output
- Split-Core design for quick installation
- UL Recognized

C E c Sus RöHS



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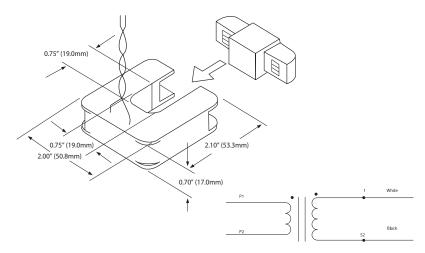
Specs Subject To Change Without Notice



Specifications

RATED CURRENT50A, 100A, 200ACurrent Range5% - 120% of rated currentOutput333mVAccuracyIEC 61869-2 Class 0.5MECHANICAL/ENVIRONMENTALForm FactorWindow Size19.0mm x 19.0mm (0.75" x 0.75")Exterior Dimensions50.8mm x 53.3mm x 17.0mm 2.00" x 2.10" x 0.70"Case MaterialEpoxy Encapsulated Housing, UL 94V-0Lead Wires2.5m (8ft) twisted pair, 22AWGOperating Temperature-20°C to 55°C / -4°F to 131°FOperating HumidityNon-condensing, 0 to 95% RHInstallation ConditionsIndoor UseELECTRICALWire PolarityWhite=Positive, Black=NegativePhase OrientationArrow Points Towards LoadFrequency Range50/60HzOutput Resistance (Voltage Output)@333mV100A: 25Ω / 200A: 12.5ΩSAFETY/COMPLIANCEWithstand Voltage3.0KV/1mA/1minInsulation Voltage600Vac, Category IIIRated Voltage600VACCertificationsCE, RoHS, cURus (E359521)						
Output333mVAccuracyIEC 61869-2 Class 0.5MECHANICAL/ENVIRONMENTALForm FactorSplit-Core CTWindow Size19.0mm x 19.0mm (0.75" x 0.75")Exterior Dimensions50.8mm x 53.3mm x 17.0mm 2.00" x 2.10" x 0.70"Case MaterialEpoxy Encapsulated Housing, UL 94V-0Lead Wires2.5m (8ft) twisted pair, 22AWGOperating Temperature-20°C to 55°C / -4°F to 131°FOperating HumidityNon-condensing, 0 to 95% RHInstallation ConditionsIndoor UseELECTRICALWire PolarityWhite=Positive, Black=NegativePhase OrientationArrow Points Towards LoadFrequency Range50/60HzOutput Resistance (Voltage Output)@333mV100A: 25Ω / 200A: 12.5ΩSAFETY/COMPLIANCEWithstand Voltage3.0KW/1mA/1minInsulation Voltage600Vac, Category IIIRated Voltage600VAC	RATED CURRENT	50A, 100A, 200A				
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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 SAFETY/COMPLIANCE Withstand Voltage Insulation Voltage 600Vac, Category III Rated Voltage 600VAC	Operating Temperature	-20°C to 55°C / -4°F to 131°F				
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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	ELECTRICAL					
Frequency Range 50/60Hz Output Resistance (Voltage Output)@333mV SAFETY/COMPLIANCE Withstand Voltage 3.0KV/1mA/1min Insulation Voltage 600Vac, Category III Rated Voltage 600VAC	Wire Polarity	White=Positive, Black=Negative				
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Output)@333mV SAFETY/COMPLIANCE Withstand Voltage 3.0KV/1mA/1min Insulation Voltage 600Vac, Category III Rated Voltage 600VAC	Frequency Range	50/60Hz				
Withstand Voltage 3.0KV/1mA/1min Insulation Voltage 600Vac, Category III Rated Voltage 600VAC		100Α: 25Ω / 200Α: 12.5Ω				
Insulation Voltage 600Vac, Category III Rated Voltage 600VAC	SAFETY/COMPLIANCE					
Rated Voltage 600VAC	Withstand Voltage	3.0KV/1mA/1min				
	Insulation Voltage	600Vac, Category III				
Certifications CE, RoHS, cURus (E359521)	Rated Voltage	600VAC				
	Certifications	CE, RoHS, cURus (E359521)				

Dimensions



Ordering Information

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