

# AcuCT mV Series

## AcuCT-3050

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

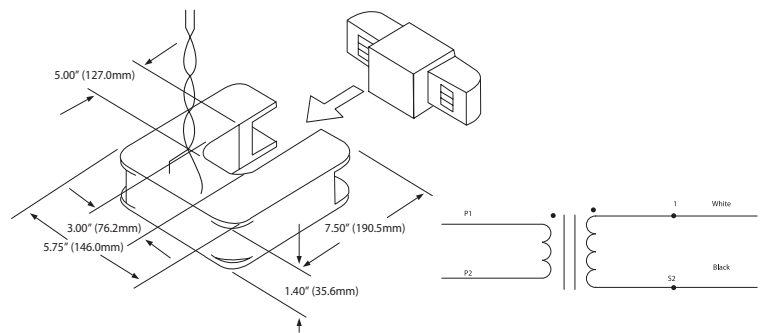
- Revenue grade accuracy: 1%
- Safe, 333mV output
- Split-Core design for quick installation
- UL Recognized



### Specifications

<b>RATED CURRENT</b>	
Rated Current	400A, 600A, 800A, 1000A, 1500A, 2000A, 3000A, 4000A, 5000A
Current Range	5% - 120% of Rated Current
Output	333mV
Accuracy	1%
<b>MECHANICAL/ENVIRONMENTAL</b>	
Form Factor	Split-Core CT
Window Size	76.2mm x 127.0mm (3.00" x 5.00")
Exterior Dimensions	146.0mm x 190.5mm x 35.6mm 5.75" x 7.50" x 1.40"
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
<b>ELECTRICAL</b>	
Wire Polarity	White=Positive, Black=Negative
Phase Orientation	Arrow Points Towards Load
Frequency Range	50/60Hz
<b>SAFETY/COMPLIANCE</b>	
Withstand Voltage	3.0kV / 1mA / 1min
Insulation Voltage	600VAC, CAT III
Rated Voltage	600VAC
Certifications	CE, RoHS, cURus (E359521)

### Dimensions



## Typical Parameter

MODEL	CURRENT RATIO	ACCURACY CLASS	LEAD LENGTH
AcuCT-3050-400: 333mV	400/333mV	1.00%	2.5m
AcuCT-3050-600: 333mV	600/333mV	1.00%	2.5m
AcuCT-3050-800: 333mV	800/333mV	1.00%	2.5m
AcuCT-3050-1000: 333mV	1000/333mV	1.00%	2.5m
AcuCT-3050-1500: 333mV	1500/333mV	1.00%	2.5m
AcuCT-3050-2000: 333mV	2000/333mV	1.00%	2.5m
AcuCT-3050-3000: 333mV	3000/333mV	1.00%	2.5m
AcuCT-3050-4000: 333mV	4000/333mV	1.00%	2.5m
AcuCT-3050-5000: 333mV	5000/333mV	1.00%	2.5m

## Ordering Information

<i>Model</i>	-	<i>Rated Input</i>	:	<i>Rated Output</i>
AcuCT-3050		400: 400A		333mV
		600: 600A		
		800: 800A		
		1000: 1000A		
		1500: 1500A		
		2000: 2000A		
		3000: 3000A		
		4000: 4000A		
		5000: 5000A		

**Ordering Example**

**AcuCT-3050 - 1000 : 333mV**



### Accuenergy Inc.

Los Angeles - Toronto - Pretoria  
 North America Toll Free: 1-877-721-8908  
 Web: [www.accuenergy.com](http://www.accuenergy.com)  
 Email: [marketing@accuenergy.com](mailto:marketing@accuenergy.com)

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