# **50A HIGH PERFORMANCE MINI CURRENT TRANSFORMERS**



The hinged "Mini" CTs are small, low-cost current transformers with high accuracy (<0.5%) over a wide dynamic range with excellent phase shift. The "Minis" are ideal where space is limited such as when metering multiple loads within a panel board. Use for current measurement, energy metering, load surveys, demand metering, energy research, and submetering.

KEY SPECIFICATIONS			
Window Size	0.4" (10 mm)		
Current Range*	0.25 - 80A AC		
Output	333 mV @ 50 A AC 6.66 mV/A AC		
Ratio Error**	<0.5% from 0.25 to 80A AC (typical)		
Phase Error	<1.5° from 1 to 80A AC <2° From 0.25 to 1A AC		

<sup>\*</sup> Depending on meter compatibility. See ELITEpro™ and PowerScout™ specifications for details.

# **ELECTRICAL**

Output	333 mV @ 50 A
Wire Polarity	White = Hi, positive (+) Black = Low, negative (-)
Phasing Orientation	Arrow On Case Points Toward Load
Frequency Range	50 to 400 Hz

### **MECHANICAL**

Case Material	White Nylon, UL 94 V-0	
Leads	600V, 20 gage	
Working Temperature	-15 to 60°C (5 to 140°F)	

## **SAFETY**

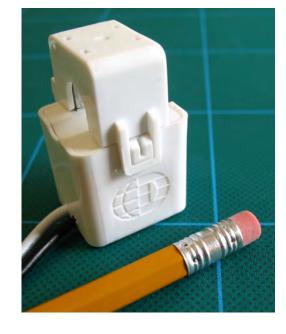
Working Voltage	600 VAC, Category III	
Dielectric Strength	3520 VAC for 1 minute	
Certification	Conforms to: UL STD 61010-1 Certified to: CAN/CSA STD C22.2 No. 61010-1	

### **PART NUMBERS**

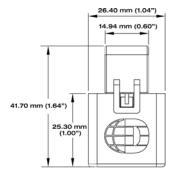
**CONTACT US** 

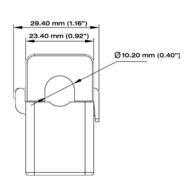
	3 M Leads	7 M Leads
50A Mini Hinged CT	CT-HSC-050-U	CT-HSC-050-U-7M

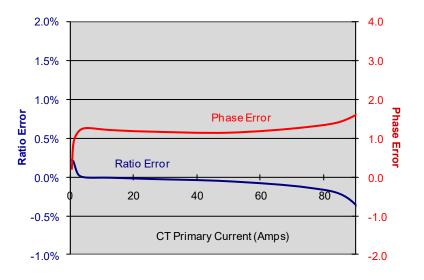
DENT Instruments, Inc.
Energy & Power Measurement Solutions













<sup>\*\*</sup> For maximum performance, keep CT contact surfaces wiped clean and free of debris.