

1000A CTs



Clamp-on current transformers are the “one-hand” operating solution for short- or long-term studies. They are designed to work in tight places and easily clamp around large wires and cables.

DENT Instruments clamp-on current transformers are used for a variety of applications, including building automation, tenant submetering, performance verification, management and new technology assessment.



KEY SPECIFICATIONS	
Window Size	2" (52 mm)
Current Range	10 - 1200 A AC
Output	333mV @ 1000 A AC .333 mV/A AC
Accuracy	< 0.5% From 40—1200 A AC < 1% From 15—40 A AC < 2% From 5—15 A AC
Phase Shift	< 0.5° From 40—1200 A AC < 1° From 15—40 A AC < 2° From 5—15 A AC

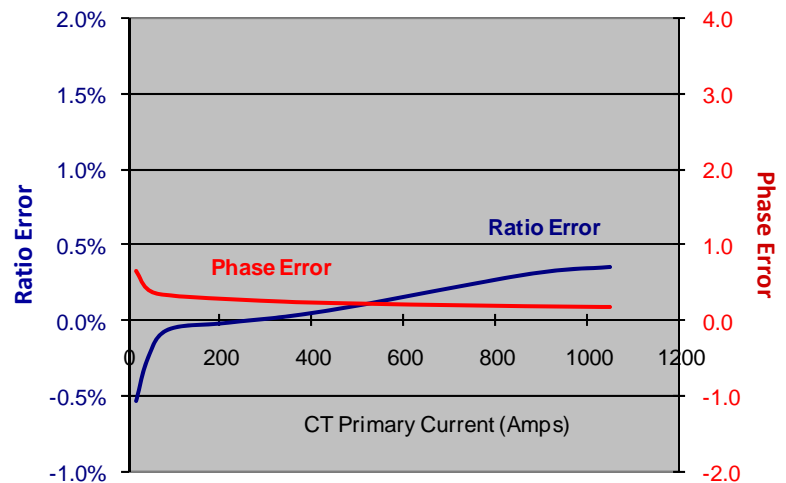
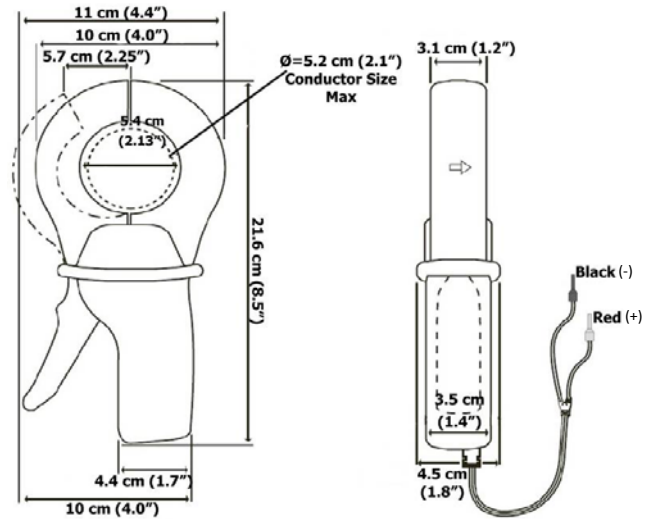
ELECTRICAL	
Max Output	666 mV @ 2000 A
Wire Polarity	Red = Hi, positive (+) Black = Low, negative (-)
Phasing	Arrow on Case Points
Orientation	Toward Load
Frequency Range	30 Hz to 10 kHz

MECHANICAL	
Material	Polycarbonate, UL 94 V-0
Leads	8' (2.4M), 18 Gage, 600V
Working Temperature	-10° to 50°C (14° to 120°F)

SAFETY	
Working Voltage	600 VAC Category III
Dielectric Strength	5200 VAC, 50/60 Hz between primary, secondary and the outer case of the handle
Certification	Conforms to IEEE C57.13 IEC 60044-1 CSA 61010.1



PART NUMBERS	
CT-CON-1000-U	Crimp ferrules on leads
CT-CON-1000-B	With Banana Plugs (for use with Weather-tight PRO-series Instruments)



CONTACT US	
DENT Instruments, Inc. Energy & Power Measurement Solutions	64 NW FRANKLIN AVENUE
	BEND, OREGON 97701 USA
	541.388.4774 800.388.0770
	WWW.DENTINSTRUMENTS.COM