

500A CT



Clamp-on current transformers are the one-hand operating solution for temporary or long-term studies. They are designed to work in tight places and clamp around bus bars.

DENT's energy monitoring components are used for a variety of applications, including building automation, tenant submetering, performance verification, energy management and new technology assessment.



KEY SPECIFICATIONS

Window Size	3.3 cm (1.2")
Current Range	20 to 600A AC
Output	.666 mV/A 333 mV @ 500A AC
Accuracy	20 to 600A: $\pm 2.5\% \pm .6A$; 48-440 Hz 20 to 600A: $\pm 3.5\% \pm .6A$; 440-1000Hz
Phase Shift	20 to 600A $< 3^\circ$

ELECTRICAL

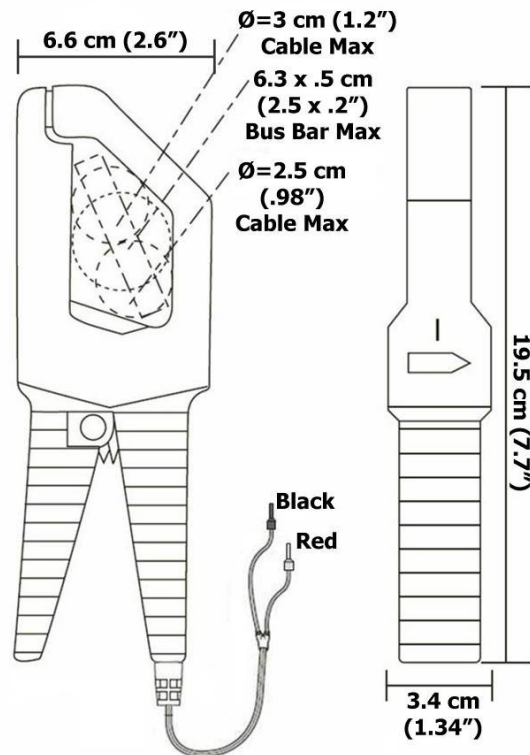
Wire Polarity	Red = Hi, positive (+) Black = Low, negative (-)
Phasing	Arrow on Case Points
Orientation	Toward Load
Frequency Range	48 Hz to 1000 Hz

MECHANICAL

Material	IP 40 (IEC 529)
Leads	Double insulated cable, 3 m (10 ft)
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
Case Protection	IP 40 (IEC 529)
Drop Test	Test per IEC 68-2-32: 1.0 m drop on 38 mm of oak on concrete
Mechanical Shock	Test per IEC 68-2-6
Certification	CE Mark, Extra insulation between electrical parts and handle; conforms to IEC 1010-2-032



PART NUMBERS

CT-CON-0500-U	Crimp ferrules on leads
CT-CON-0500-B	With Banana Plugs (for use with Weather-tight PRO-series Instruments)

CONTACT US

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