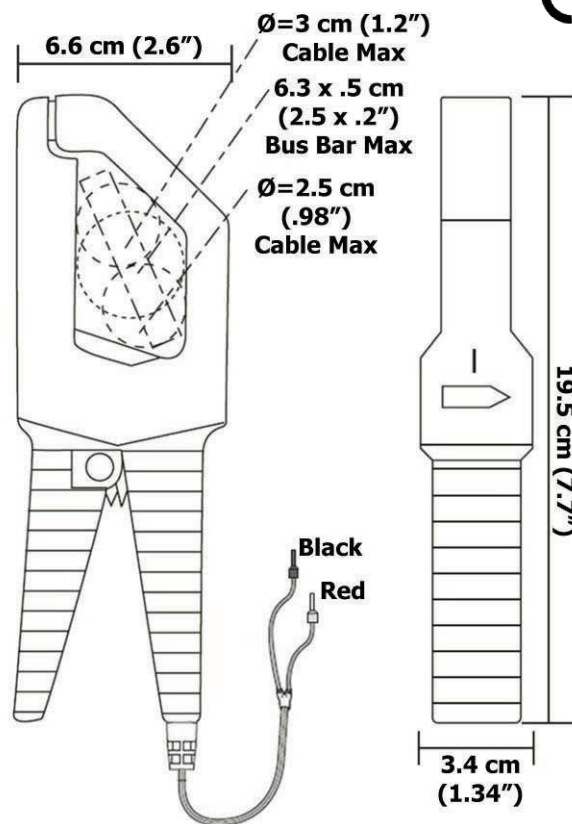


Clamp-on current transformers are the one-hand operating solution for temporary or long-term studies. They are designed to work in tight places and clamp around bus bars.

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.



ELECTRICAL SPECIFICATIONS

Nominal Rating
500A

Useful Current Range
10 to 600A AC

Output Signal
.666 mV/A
333 mV @ 500A AC

Accuracy
10 to 600A: ± 2.5% ± .6A; 48-440 Hz
10 to 600A: ± 3.5% ± .6A; 440-1000Hz

Phase Shift
10 to 600A < 3°

Frequency Range
48 Hz to 1000 Hz

MECHANICAL SPECIFICATIONS

Dimensions
19.5 x 6.6 x 3.4 cm (7.7 x 2.6 x 1.3")

Maximum Cable/Bus Bar
Cable Diameter 3.0 cm (1.2")
Bus bar 6.3 x 0.5 cm (2.5" x 0.2")

Polarity
Red lead is positive

Output Lead
Double insulated cable, 3 m (10 ft)

Operating Temperature
-10° to 50°C (14° to 120°F)

OTHER FEATURES

Jaw Opening
3.3 cm (1.2")

Weight
350 g (12.3 oz)

Dielectric Strength
6000V, 50/60 Hz between primary, secondary and the outer case of the handle
3000V 50/60 Hz between primary and secondary

Storage Temperature
-40° to +80° C (40° to 175° F)

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

Common Mode Voltage
30 Vrms

SAFETY SPECIFICATIONS

Working Voltage
Maximum 600 Vrms

CE Mark
Extra insulation between electrical parts and handle; conforms to IEC 1010-2-032

ORDERING PART NUMBER

CT-CON-0500-U (unterminated)
CT-CON-0500-B (banana plugs)