# **20A 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 - 40A AC
Output	333 mV @ 20A AC 16.65 mV/A AC
Ratio Error**	<0.5% from 0.25 to 40A AC (typical)
Phase Error	<1.5° from 1 to 40A 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 @ 20 A Wire Polarity White = Hi, positive (+) Black = Low, negative (-) Arrow On Case Points **Phasing** Orientation Toward Load 50 to 400 Hz Frequency Range

### **MECHANICAL**

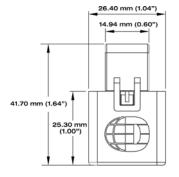
Case Material White Nylon, UL 94 V-0 Leads 2.4 M (8'), 600V, 20 gage **Working Temperature** -15 to 60°C (5 to 140°F)

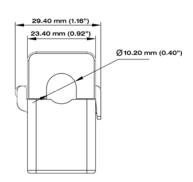
#### **SAFETY**

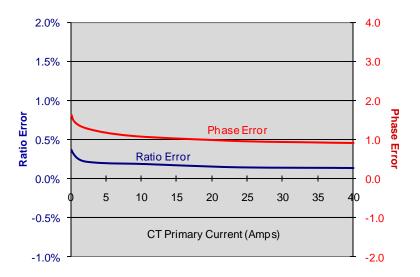
Working Voltage 600 VAC, Category III Dielectric Strength 3520 VAC for 1 minute Certifications Designed to: UL STD 61010-1 CAN/CSA STD C22.2 No. 61010-1

#### **PART NUMBERS**

CT-HSC-020-U Crimp ferrules on leads CT-HSC-020-B With Banana Plugs (for use with Weather-tight PRO-series Instruments)







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