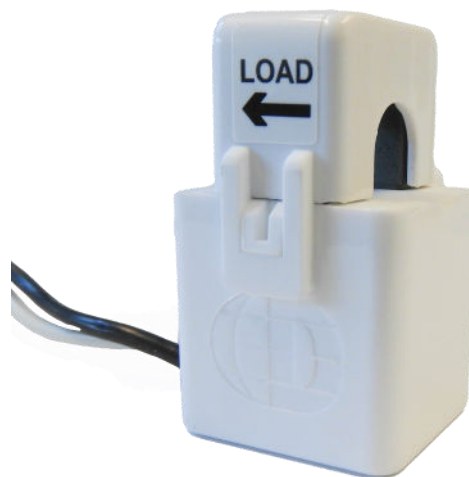


20/50A SPLIT CORE BLOCK HINGED CURRENT TRANSFORMER



DENT's Split Core Block Hinged CTs are small, low-cost current transformers with high accuracy (<0.5%) over a wide dynamic range and excellent phase shift. These are ideal for applications where space or budget is limited, such as metering multiple loads within a panel board. These CTs are perfect for current measurement, energy metering, load surveys, demand metering, energy research, and submetering.



UL US
E186827

CE

RoHS

KEY SPECIFICATIONS

Current Rating	20A	50A
Current Range	0.25-40A	0.25-80A
Window Size	0.4" (10 mm)	
Output	333.3 mV at rated current	
Ratio Error*	<0.5% from 0.25 to 40A	<0.5% from 0.25 to 80A
Phase Error*	<1.5° from 1 to 40A <2° From 0.25 to 1A	<1.5° from 1 to 80A <2° From 0.25 to 1A

* For maximum performance, keep CT contact surfaces wiped clean and free of debris.

ELECTRICAL

Wire Polarity	White = Hi, positive (+) Black = Low, negative (-)
Frequency Range	50 to 400 Hz

MECHANICAL

Case Material	White Nylon, UL 94 V-0
Leads	3M (9.8'), twisted pair, 20 AWG
Operating Temperature	-15 to 60°C (5 to 140°F)

SAFETY

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



PART NUMBERS

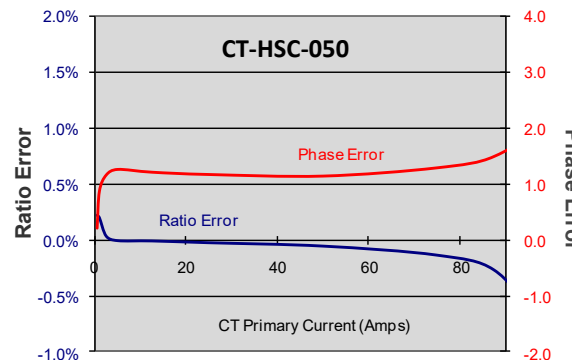
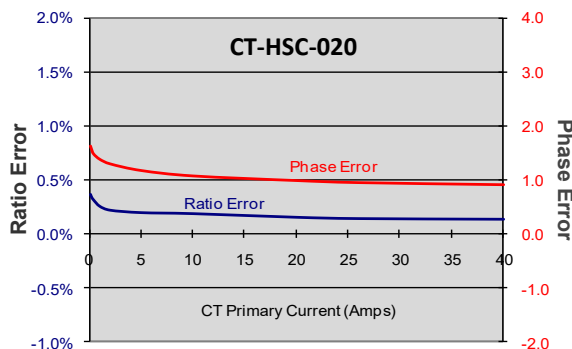
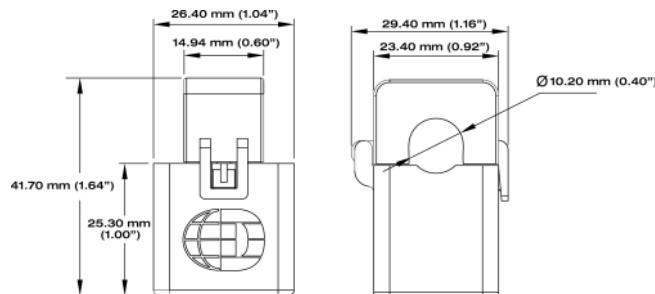
	3 M Leads	7 M Leads
20A Split Score Block Hinged CT	CT-HSC-020-U	CT-HSC-020-U-7M
50A Split Score Block Hinged CT	CT-HSC-050-U	CT-HSC-050-U-7M

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OUTLINE DRAWING



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