

100A/200A SPLIT CORE BLOCK HINGED CURRENT TRANSFORMERS



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.



KEY SPECIFICATIONS

Current Rating	100A	200A
Current Range	1-200A	1-300A
Window Size	1.0" (25 mm)	
Output	333.3 mV at rated current	
Ratio Error*	<0.3% from 1.0A to 200A	1.0 % from 1.0A to 300A
Phase Error*	<0.5° from 1.0A to 200A	<0.5° from 1.0A to 300A

* 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, 22 AWG
Operating Temperature	-15 to 60°C (5 to 140°F)

SAFETY

Working Voltage	600 VAC, Category III
Dielectric Strength	5200 VAC for 1 minute
Safety Standards	UL STD 61010-1 CAN/CSA STD C22.2 No. 61010-1



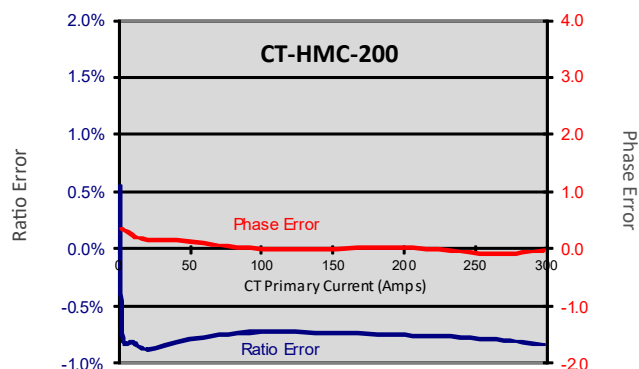
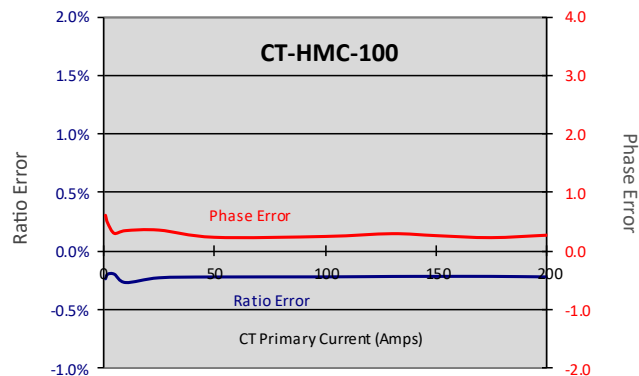
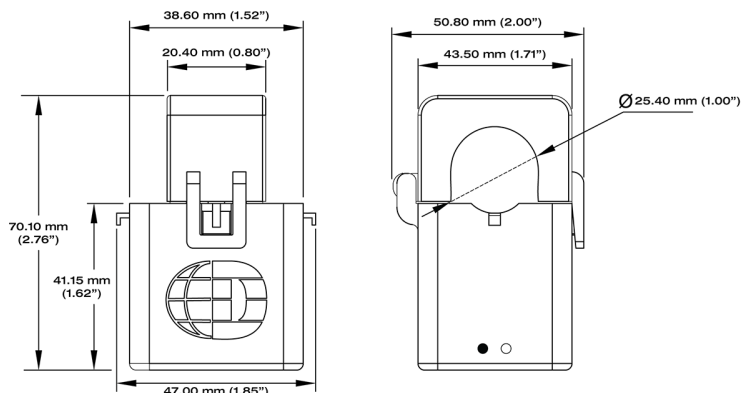
PART NUMBERS

	3 M Leads	7 M Leads
100A Split Score Block Hinged CT	CT-HMC-100-U	CT-HMC-100-U-7M
200A Split Score Block Hinged CT	CT-HMC-200-U	CT-HMC-200-U-7M

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