

# 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

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

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

## MECHANICAL

<b>Case Material</b>	White Nylon, UL 94 V-0
<b>Leads</b>	3M (9.8'), twisted pair, 22 AWG
<b>Operating Temperature</b>	-15 to 60°C (5 to 140°F)

## SAFETY

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



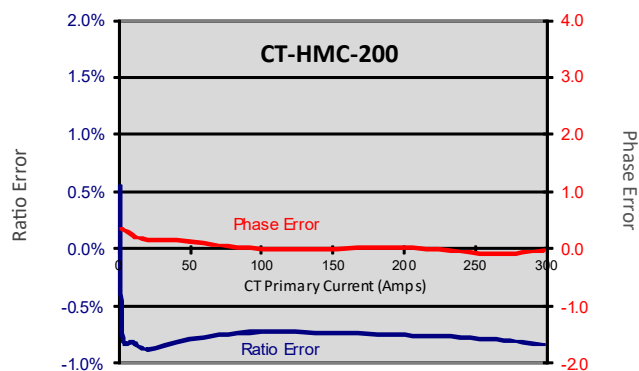
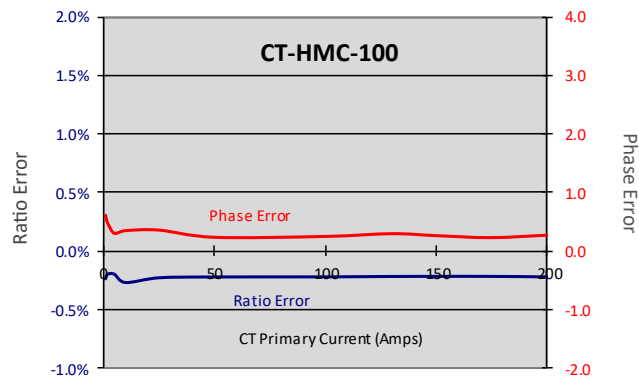
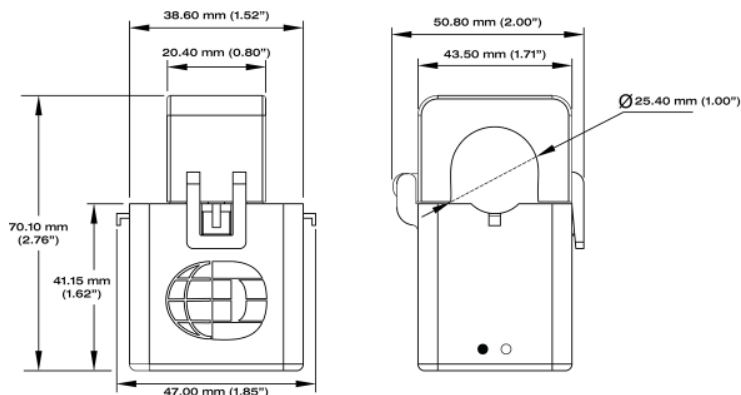
## PART NUMBERS

	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

## CONTACT US

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