

DENT INSTRUMENTS CT-HMC-0100-U High Performance Midi Hinged Current Transformers Instructions

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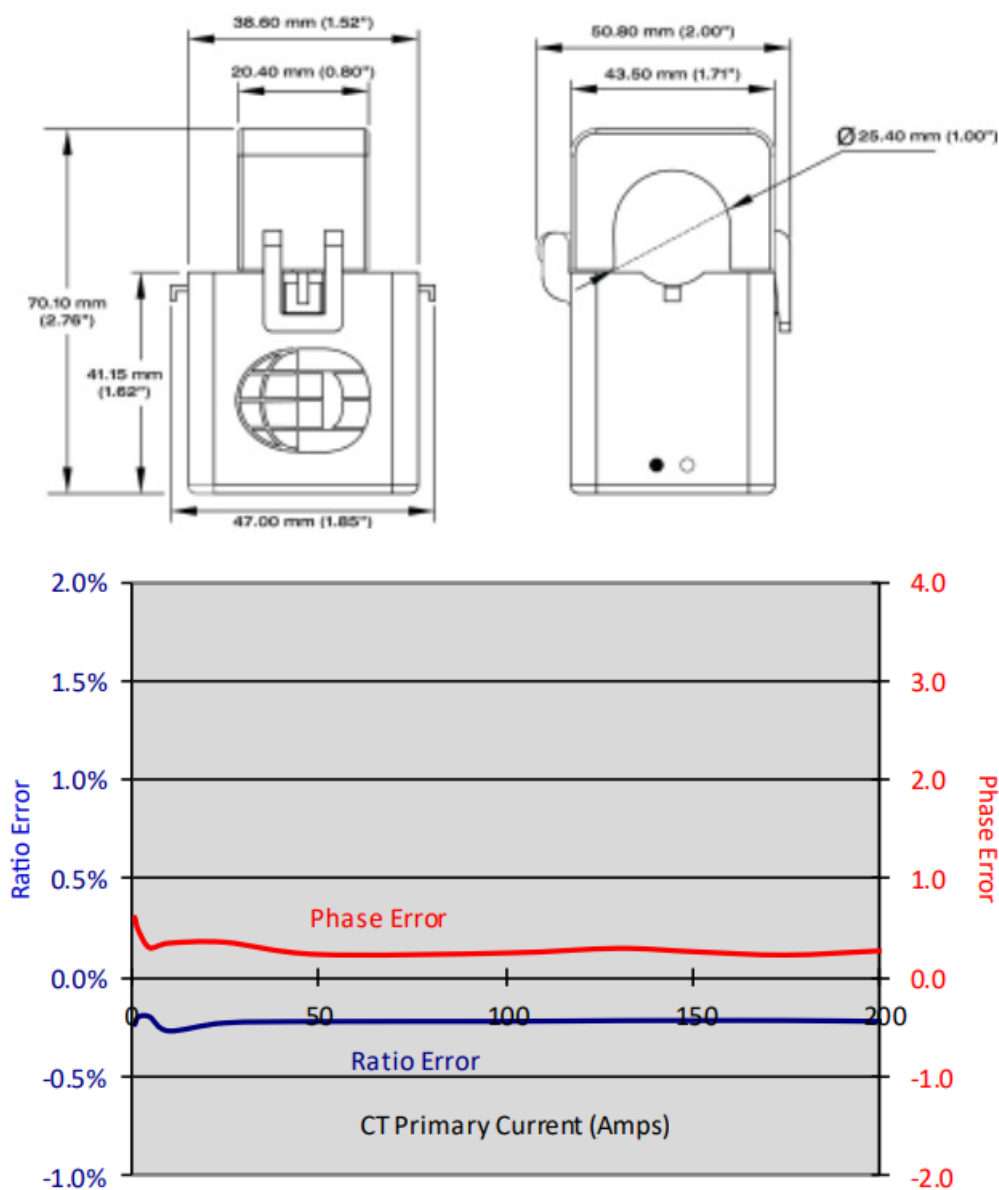
HIGH PERFORMANCE MIDI HINGED
CURRENT TRANSFORMERS 100A



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CT-HMC-0100-U High Performance Midi Hinged Current Transformers



The hinged “Midi” CTs are high performance, medium amperage, hinged current transformers. Use for current measurement, energy metering, load surveys, demand metering, energy research, and submetering.

KEY SPECIFICATIONS

Window Size	25 mm (1.0")
Current Range	1 – 200A AC
Output	333 mV @ 100 A AC 3.33 mV/A AC
Ratio Error*	<0.3% from 1.0 A to 200 A AC (typical)
Phase Error*	<0.5° from 1.0 A to 200 A AC

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



ELECTRICAL

Output	333 mV @ 100 A
Wire Polarity	White = Hi, positive (+) Black = Low, negative (-)
Phasing	Arrow On Case Points
Orientation	Toward Load
Frequency Range	50 to 400 Hz

MECHANICAL

Case Material	White Nylon, UL 94 V-0
Leads	600V, 22 gage
Operating Temperature	-15 to 60°C (5 to 140°F)
Storage Temperature	-20 to 85°C (-4 to 185°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 Midi Hinged CT	CT-HMC-100-U	CT-HMC-100-U-7M

CONTACT US

DENT Instruments, Inc.
Energy & Power Measurement Solutions

925 SW Emkay Drive
Bend, Oregon 97702 USA
541.388.4774
800.388.0770
www.DENTinstruments.com



All specifications contained in this document are subject to change without notice.

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rev 030119

Documents / Resources



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CT-HMC-0100-U, CT-HMC-0100-U High Performance Midi Hinged Current Transformers, High Performance Midi Hinged Current Transformers, Performance Midi Hinged Current Transformers, Midi Hinged Current Transformers, Hinged Current Transformers, Current Transformers, Transformers

References

- [Homepage - DENT Instruments](#)

Manuals+.