

400A HINGED LARGE SPLIT CORE CURRENT TRANSFORMERS



Split-core current transformers provide linear output voltage that is directly proportional to the input current. These transformers are safely and easily installed over existing electrical power lines without disconnecting the lines or interrupting service.

DENT's energy monitoring components are used for a variety of applications including building automation, tenant submetering, performance verification, energy management, and new technology assessment.

KEY SPECIFICATIONS

Window Size	1.4" (36mm)
Current Range	400A: 4 - 400A AC
Output	333.3 mV at rated current
Ratio Error*	<0.5% at rated current (typical)
Phase Error*	<0.5° at rated current (typical)

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

ELECTRICAL

Output	333.3 mV at rated current
Output Impedance (typ)	<10 Ohms
Wire Polarity	White = Hi, positive (+) Black = Low, negative (-)
Frequency Range	50/60 Hz

MECHANICAL

Case Material	White Nylon, UL 94v0
Leads	3 M (9.8'), twisted pair, 22 AWG
Operating Temperature	-40° to 55°C (-40° to 131°F)

SAFETY

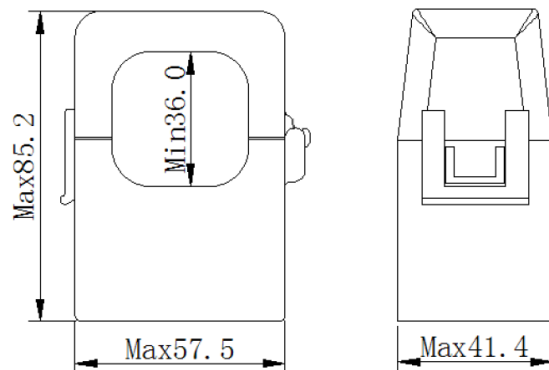
Working Voltage	600 VAC, Category III
Certification	UL 2808 CAN/CSA STD C22.2 No. 61010-1-12



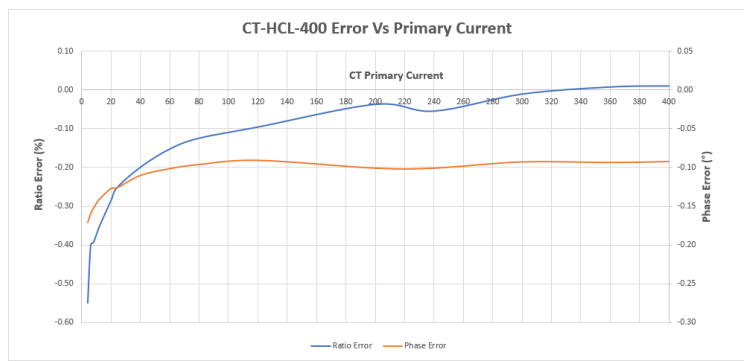
CONTACT US

DENT Instruments, Inc.
Energy & Power Measurement Solutions
An ISO 9001:2008 Certified Company

925 SW EMKAY DRIVE
BEND, OREGON 97702 USA
541.388.4774 | 800.388.0770
WWW.DENTINSTRUMENTS.COM



Units in mm



PART NUMBER

CT-HLC-400-U 400A Large Hinged Split Core

All specifications contained in this document are subject to change without notice.
© DENT INSTRUMENTS, INC.
rev062023