

# 400A SPLIT CORE RECTANGULAR HINGED CURRENT TRANSFORMERS



DENT's Split Core Rectangular Hinged Current Transformers are designed for easy installation over existing high-current loads without requiring a disconnect. These CTs offer high accuracy and are ideal for a variety of applications including building automation, tenant submetering, performance verification, energy management, and new technology assessment.

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

|                |                                  |
|----------------|----------------------------------|
| Current Rating | 400A                             |
| Current Range  | 4-400A                           |
| Window Size    | 1.4" (36mm)                      |
| 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

|                 |                                                       |
|-----------------|-------------------------------------------------------|
| Wire Polarity   | White = Hi, positive (+)<br>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

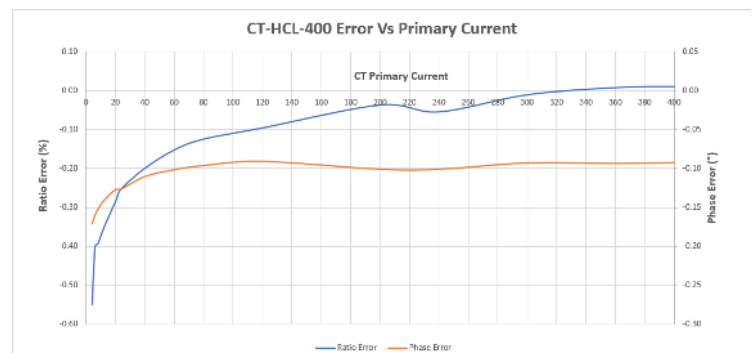
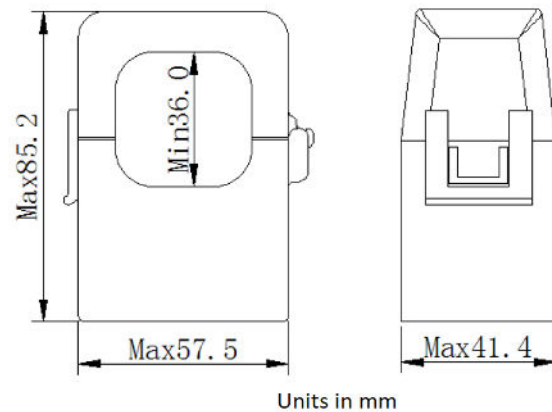
|                 |                                                               |
|-----------------|---------------------------------------------------------------|
| Working Voltage | 600 VAC, Category III                                         |
| Certification   | UL 2808<br>CAN/UL 2808<br>CAN/CSA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



## CONTACT US

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## PART NUMBER

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

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