The hinged “Mini” CTs are small, low-cost current transformers with high accuracy (<0.5%) over a wide dynamic range with excellent phase shift. The “Minis” are ideal where space is limited such as when metering multiple loads within a panel board. Use for current measurement, energy metering, load surveys, demand metering, energy research, and submetering.

### KEY SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Window Size</td>
<td>0.4” (10 mm)</td>
</tr>
<tr>
<td>Current Range*</td>
<td>0.25 - 40A AC</td>
</tr>
<tr>
<td>Output</td>
<td>333 mV @ 20A AC</td>
</tr>
<tr>
<td></td>
<td>16.65 mV/A AC</td>
</tr>
<tr>
<td>Ratio Error**</td>
<td>&lt;0.5% from 0.25 to 40A AC (typical)</td>
</tr>
<tr>
<td>Phase Error</td>
<td>&lt;1.5° from 1 to 40A AC</td>
</tr>
<tr>
<td></td>
<td>&lt;2° from 0.25 to 1A AC</td>
</tr>
</tbody>
</table>

* Depending on meter compatibility. See ELITEpro™ and PowerScout™ specifications for details.

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

### ELECTRICAL

- **Output**: 333 mV @ 20 A
- **Wire Polarity**: White = Hi, positive (+)
  Black = Low, negative (-)
- **Phasing Orientation**: Arrow On Case Points Toward Load
- **Frequency Range**: 50 to 400 Hz

### MECHANICAL

- **Case Material**: White Nylon, UL 94 V-0
- **Leads**: 600V, 20 gage
- **Working Temperature**: -15 to 60°C (5 to 140°F)

### SAFETY

- **Working Voltage**: 600 VAC, Category III
- **Dielectric Strength**: 3520 VAC for 1 minute
- **Certifications**: Conforms to:
  - UL STD 61010-1
  - Certified to:
    - CAN/CSA STD C22.2
    No. 61010-1

### PART NUMBERS

- **3 M Leads**: 20A Mini Hinged CT - CT-HSC-020-U
- **7 M Leads**: CT-HSC-020-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. © DENT INSTRUMENTS, INC. rev 030119