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>Characteristic</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Window Size</td>
<td>0.4” (10 mm)</td>
</tr>
<tr>
<td>Current Range*</td>
<td>0.25 - 80A AC</td>
</tr>
<tr>
<td>Output</td>
<td>333 mV @ 50 A AC</td>
</tr>
<tr>
<td></td>
<td>6.66 mV/ A AC</td>
</tr>
<tr>
<td>Ratio Error**</td>
<td>&lt;0.5% from 0.25 to 80A AC (typical)</td>
</tr>
<tr>
<td>Phase Error</td>
<td>&lt;1.5° from 1 to 80A 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.

**ELECTRICAL**

- Output: 333 mV @ 50 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
- Certification: Conforms to: UL STD 61010-1
  Certified to: CAN/CSA STD C22.2
  No. 61010-1

**PART NUMBERS**

- 3 M Leads: CT-HSC-050-U
- 7 M Leads: CT-HSC-050-U-7M

**CONTACT US**

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