AcuCT-S113 Series
5A Solid-Core Current Transformer Datasheet

Specifications

**RATED CURRENT**
- 200A, 300A, 400A
- Current Range: 5-120% of rated current RMS
- Output: 1A, 5A, 333mV
- Ratio Error: ≤±1.0%
- Phase Error: ≤30′@333V/60@1A, 5A
- Accuracy: 1.0%

**MECHANICAL/ENVIRONMENTAL**
- Form Factor: Solid-Core CT
- Window Size: 30.0mm (1.20”)
- Exterior Dimensions: 60.5mm x 68.0mm x 24.5mm
  - 2.38” x 2.68” x 0.96”
- Case Material: UL 94V-0
- Lead Wire: 6.5’ (2M), 18AWG UL1015
- Weight: 177.00g (6.24oz)
- Operating Temperature: -25°C to 70°C / -13°F to 158°F
- Storage Temperature: -40°C to 80°C / -40°F to 176°F
- Operating Humidity: <90% RH
- Installation Conditions: Indoor Use

**ELECTRICAL**
- Wire Polarity: White=Positive, Black=Negative
- Phase Orientation: H1 points towards source
- Frequency Range: 50/60Hz
- Burden: ≤3.75VA
- RF: 1.2 In
- Insulation Resistance: 500V/100MΩ min

**SAFETY/COMPLIANCE**
- Rated Voltage: 600VAC, Rated CAT III
- Certifications: CE, RoHS, UL Listed UL2808 (E469633)

Dimensions

Ordering Information

<table>
<thead>
<tr>
<th>Ordering Number</th>
<th>Model</th>
<th>Rated Input</th>
<th>Rated Output</th>
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</thead>
<tbody>
<tr>
<td>AcuCT-S113</td>
<td>− 200</td>
<td>5A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>200: 200A</td>
<td>1A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>300: 300A</td>
<td>5A</td>
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<td></td>
<td>400: 400A</td>
<td>333mV</td>
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</tbody>
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The superior choice for product integrations, the solid-core AcuCT S113 features three output options in a compact, durable form factor. UL2808 Listed for safety, this cost effective current transformer will provide accurate, dependable measurements across industrial, commercial, or in general energy monitoring applications.

Features

- Accuracy class: 1%
- Three current input options: 200A, 300A, or 400A
- Choose from three output options: 1A, 5A, or 333mV
- Solid-Core design provides reliable performance in challenging applications
- UL2808 Listed