Instrument transformers

Type SCP
Indoor current transformer

Product features
- 600 volt, indoor, 10 kV BIL
- 25 - 400 Hertz
- Primary amperes: 50 - 6000
- Mechanical rating: 180 x rated current
- Thermal rating: 80 x rated current, one second
- Continuous current rating factor: refer to selection guide

Application
The SCP current transformer is used as the source of current for relaying and metering. It is available in three internal window diameter sizes and dual and multi-ratio designs are available upon request.

Construction features
The ring-type core is insulated and toroidally wound with a fully distributed secondary winding. The protective case, made of an impact-resistant polycarbonate, is assembled using self-tapping screws.

Secondary terminals
Secondary terminals are 10-32 brass terminal studs with hardware.

Curves
Saturation, overcurrent, ratio correction factor, and phase-angle curves are available upon request.

Test reports
IEEE test reports are stored electronically and can be e-mailed in various formats at the time of shipment.

Standards
These units meet all applicable IEEE and NEMA standards.
Unit dimensions

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<tr>
<th>Type</th>
<th>Window size</th>
<th>Approx. weight</th>
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<tbody>
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<td>SCP-1</td>
<td>6.00 (in)</td>
<td>152 (mm)</td>
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<tr>
<td>SCP-2</td>
<td>7.25 (in)</td>
<td>184 (mm)</td>
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<tr>
<td>SCP-3</td>
<td>8.13 (in)</td>
<td>207 (mm)</td>
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### Selection guide

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<th>Primary ampere rating</th>
<th>Continuous current rating</th>
<th>IEEE metering accuracy</th>
<th>IEEE relaying accuracy</th>
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Additional styles available upon request. Contact your ABB sales representative or call +1-252-827-3212 for more information.
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