**Product features**
- 2500 volt test, indoor, 10 kV BIL
- 50-60 Hertz
- Primary amperes: 50 and 100
- Mechanical rating: 180 x rated current
- Thermal rating: 100 x rated current, 1 second
- Continuous current rating factor:
  - 2.0 @ 30°C ambient
  - 1.5 @ 55°C ambient
- Relay scheme: provided with unit dimensions

**Application**
The BYZ zero-sequence indoor current transformer is used for ground fault detection and is primarily designed for zero-sequence overcurrent relaying schemes. The outgoing cables pass through the opening. A phase imbalance produces a secondary current in the BYZ.

**Construction features**
The ring-type core is fully insulated and toroidally wound with a fully distributed secondary winding.

**Secondary terminals**
Secondary terminals are electro-tin plated 10-32 tap terminals.

**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**
This unit meets all applicable IEEE and NEMA standards.
Unit dimensions

BYZ, 592C102
Approximate weight is 38 lbs.

BYZ, 684C188
Approximate weight is 38 lbs.

Zero sequence overcurrent relay scheme

Selection guide

<table>
<thead>
<tr>
<th>Primary ampere rating</th>
<th>IEEE relaying accuracy</th>
<th>Window diameter (in.)</th>
<th>Style number</th>
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</thead>
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<tr>
<td>50</td>
<td>C15</td>
<td>4.75</td>
<td>592C102G01</td>
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<tr>
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<td>C20</td>
<td>7.50</td>
<td>684C188G02</td>
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<td>C50</td>
<td>7.50</td>
<td>684C188G04</td>
</tr>
</tbody>
</table>

Additional styles available upon request. Contact your ABB sales representative or call +1-252-827-3212 for more information.

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