BYZ-O
Indoor current transformer

The BYZ-O zero-sequence indoor current transformer is used for ground fault detection.

Product features
- 600 V, indoor
- 10 kV BIL
- 25 - 60 Hz
- Approximate weight: 110 lbs. (50 kg)
- UL Recognized Component: File No. E96461

Application
The BYZ-O zero-sequence indoor current transformer is used for ground fault detection. It is designed for zero-sequence overcurrent relaying schemes and for mounting in the cable compartment of metalclad switchgear. A phase imbalance in the outgoing cables, which pass through the transformer window, produces a secondary current in the BYZ-O.

Construction features
The oval-shaped ring-type core is insulated and toroidally wound with a fully distributed secondary winding. The complete unit is cast in polyurethane for added insulation and protection. Three 0.56" corner bolt holes facilitate mounting.

Secondary terminals
Secondary terminals are 10-32 stud-type with hardware.

Curves
Saturation and overcurrent curves are available upon request.

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

Standards
This unit meets IEEE C57.13-2016 and NEMA standards.
Selection guide

<table>
<thead>
<tr>
<th>Primary ampere rating</th>
<th>Rating factor</th>
<th>Thermal rating*</th>
<th>Mechanical rating*</th>
<th>IEEE relaying accuracy @ 60 Hz</th>
<th>Style number</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>1.33</td>
<td>1.0</td>
<td>100</td>
<td>180</td>
<td>C20</td>
</tr>
<tr>
<td>100</td>
<td>1.33</td>
<td>1.0</td>
<td>100</td>
<td>180</td>
<td>C50</td>
</tr>
</tbody>
</table>

* times rated current, 1 second
+ times rated current

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