Type BYZ-S
Indoor current transformer

Product features
- 600 volt, indoor, 10 kV BIL
- 25-400 Hertz
- Primary amperes: 50 and 100

Application
The BYZ-S 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 metal-clad switchgear.

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
This unit meets all applicable IEEE and NEMA standards and is a UL Recognized Component.
Unit dimensions

BYZ-S
Approximate weight is 52 lbs.
Note: dimensions are in inches and [mm].

<table>
<thead>
<tr>
<th>Selection guide</th>
<th>IEEE relaying accuracy</th>
<th>Style number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary amps</td>
<td></td>
<td></td>
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<tr>
<td>50</td>
<td>C10</td>
<td>7525A25G01</td>
</tr>
<tr>
<td>100</td>
<td>C20</td>
<td>7525A25G02</td>
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</tbody>
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Mechanical rating: 180 x rated current
Thermal rating: 100 x rated current, one second
Continuous current rating factor: 2.0 @ 30°C ambient, 1.5 @ 55°C ambient
Additional styles available upon request. Contact your ABB sales representative or call +1-252-827-3212 for more information.

For more information please contact:

ABB Inc.
Medium Voltage Distribution Components
3022 NC 43 North
Pinetops, NC 27864
USA
Phone: +1 252 827 3212
Fax: +1 252 827 4286

www.abb.com/mediumvoltage

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