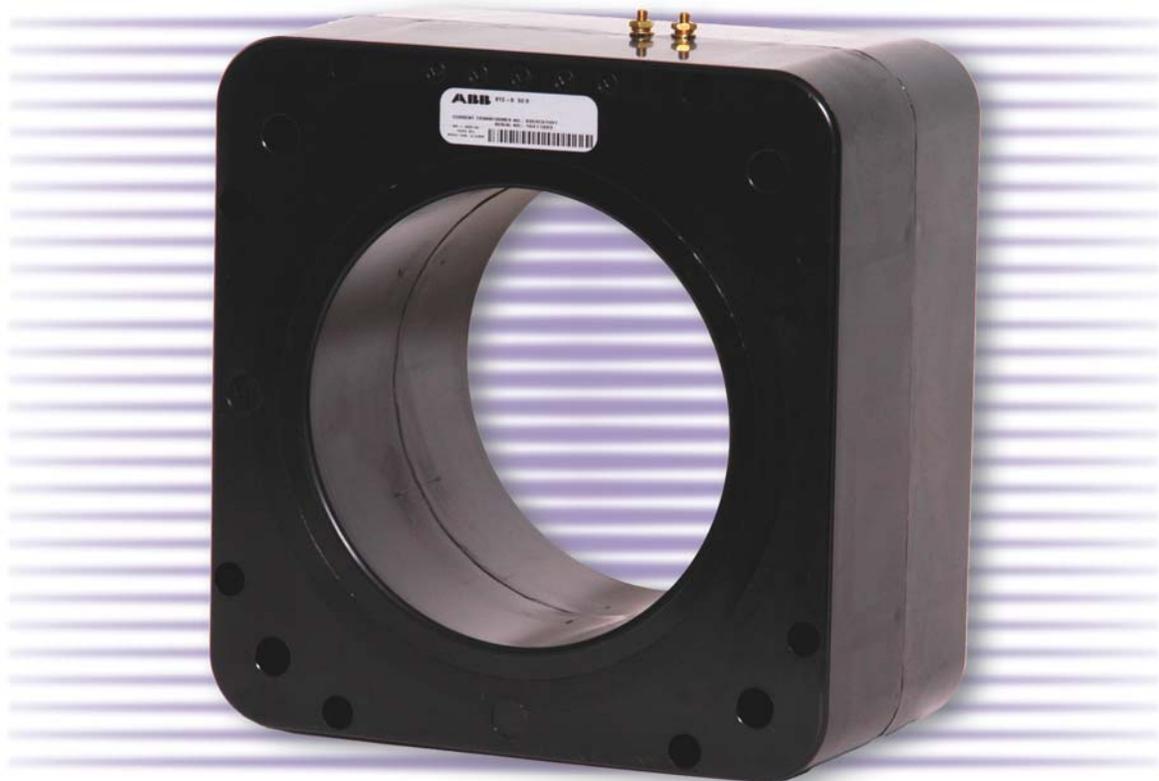


Type BYZ-S Current Transformer

600 Volt, 10 kV BIL, Indoor

Product Bulletin 1VAP428611-DB



ABB

Product Features

- 600 Volt Indoor
- 10 kV BIL
- 25 through 400 Hertz
- Primary Amperes 50 and 100
- 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
- UL Recognized Component;
File No. E96461



UL Recognized Component

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.

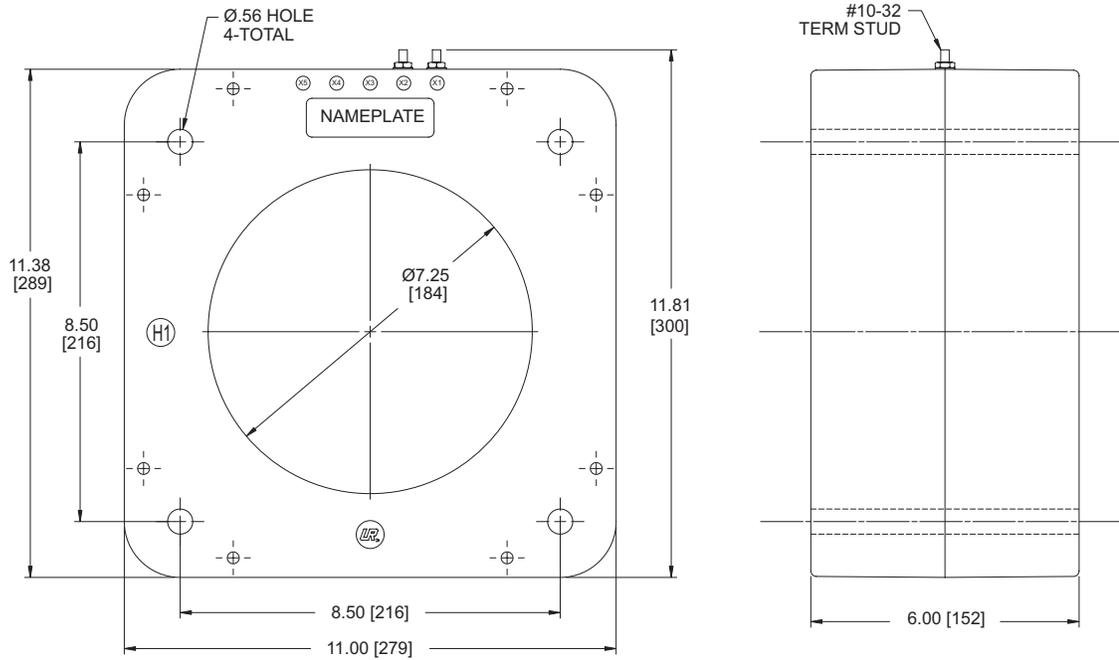
Test Reports

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



Approximate weight is 52 lbs.

**Note: Metric dimensions
are displayed in [mm].**

Selection Guide

Primary Ampere Rating	IEEE Relaying Accuracy	Style Number
50	C10	6393C97H01
100	C20	6393C97H02

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



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