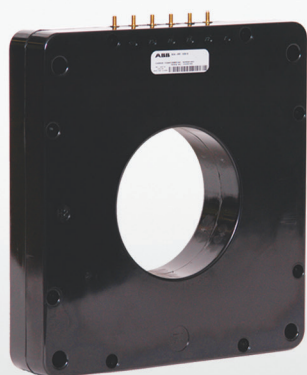


INSTRUMENT TRANSFORMERS

SCA

Indoor current transformer



The SCA current transformer is designed for use in relaying and metering applications including, but not limited to, various types of medium voltage switchgear.

Product features

- 600 volt, indoor, 10 kV BIL
- 25-400 Hertz
- Approximate weight: 38 lbs (17 kg)

Application

The SCA current transformer is designed for use in relaying and metering applications including, but not limited to, various types of medium voltage 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. Multi-ratio designs are also available.

Secondary terminals

Secondary terminals are 10-32 brass stud-type.

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 or exceeds all requirements of IEEE C57.13-2016 and can be tested to other standards as requested.

UL Recognized Component

The SCA is a UL Recognized Component (file number E96461).

Technical drawing of a nameplate assembly, showing front and side views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall Width: 13.00 [330]
- Overall Height: 13.42 [341]
- Central Circular Feature: Ø5.75 [146]
- Top Mounting Studs: 4.06 [103] (center-to-center), .88 [22] (stud diameter), .44 [11] (stud height)
- Top Mounting Stud Spacing: 6.25 [159] (center-to-center), 1.25 [32] (edge-to-center)
- Bottom Mounting Studs: 2.38 [60] (stud diameter), .42 [11] (stud height)
- Bottom Mounting Stud Spacing: 11.00 [279] (center-to-center), .75 [19] (edge-to-center)
- Top Mounting Stud Labels: GR, X5, X4, X3, X2, X1
- Central Feature Label: NAMEPLATE
- Top Mounting Stud Material: #10-32 BRASS TERM STUDS
- Top Mounting Stud Hole: Ø.56 [14] HOLE 4-TOTAL

Side View Dimensions:

- Overall Width: 13.00 [330]
- Overall Height: 13.42 [341]
- Central Circular Feature: Ø5.75 [146]
- Top Mounting Studs: 4.06 [103] (center-to-center), .88 [22] (stud diameter), .44 [11] (stud height)
- Top Mounting Stud Spacing: 6.25 [159] (center-to-center), 1.25 [32] (edge-to-center)
- Bottom Mounting Studs: 2.38 [60] (stud diameter), .42 [11] (stud height)
- Bottom Mounting Stud Spacing: 11.00 [279] (center-to-center), .75 [19] (edge-to-center)
- Top Mounting Stud Labels: GR, X5, X4, X3, X2, X1
- Central Feature Label: NAMEPLATE
- Top Mounting Stud Material: #10-32 BRASS TERM STUDS
- Top Mounting Stud Hole: Ø.56 [14] HOLE 4-TOTAL

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

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