

# Type SCO Indoor current transformer

## Product features

- 600 volt, indoor, 10 kV BIL
- 25 - 400 Hertz
- Primary amperes: 200 - 5000
- Mechanical rating: 180 x rated current
- Thermal rating: refer to selection guide
- Continuous current rating factor: refer to selection guide

## Application

The SCO current transformer is used as the source of current for relaying and metering.

## 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.

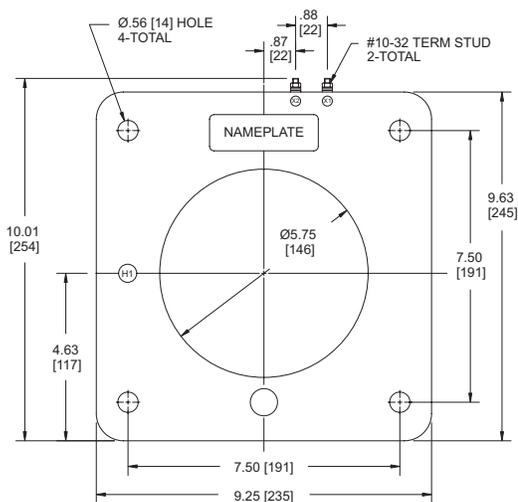
## Secondary terminals

Secondary terminals are 10-32 brass terminal studs with hardware.

## Curves

Saturation, overcurrent, ratio correction factor, and phase-angle curves are available upon request.

## Dimensions



Type SCO (approximate weight: 20 lbs)

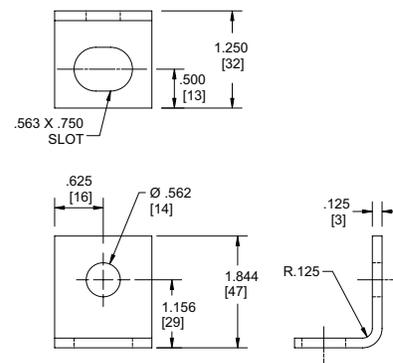


## Test reports

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.



Optional mounting feet

## Selection guide

Primary ampere rating	Continuous current rating		IEEE metering accuracy					IEEE relaying accuracy	Thermal rating	Style number
	30° C	55° C	B-0.1	B-0.2	B-0.5	B-0.9	B-1.8			
<b>Type SCO (5.75" window)</b>										
200	2.0	1.5	0.6	1.2	2.4	-	-	C20	100	7526A83G01
300	2.0	1.5	0.3	0.6	1.2	2.4	-	C20	100	7526A83G02
400	2.0	1.5	0.3	0.3	0.6	1.2	2.4	C50	100	7526A83G03
600	2.0	1.5	0.3	0.3	0.6	0.6	1.2	C100	100	7526A83G04
800	2.0	1.5	0.3	0.3	0.3	0.3	0.6	C100	100	7526A83G05
1000	1.5	1.0	0.3	0.3	0.3	0.3	0.3	C100	80	7526A83G06
1200	1.5	1.0	0.3	0.3	0.3	0.3	0.3	C200	80	7526A83G07
1500	1.33	1.0	0.3	0.3	0.3	0.3	0.3	C200	60	7526A83G08
2000	1.33	1.0	0.3	0.3	0.3	0.3	0.3	C200	60	7526A83G09
2500	1.33	1.0	0.3	0.3	0.3	0.3	0.3	C200	60	7526A83G10
3000	1.33	1.0	0.3	0.3	0.3	0.3	0.3	C200	60	7526A83G11
4000	1.33	1.0	0.3	0.3	0.3	0.3	0.3	C100	60	7526A83G12
5000	1.0	1.0	0.3	0.3	0.3	0.3	0.3	C100	60	7526A83G19
<b>Multi-ratio, IEEE, 5 terminals</b>										
600	2.0	1.5	0.3	0.3	0.6	0.6	1.2	C100	80	7526A83G13
1200	1.5	1.0	0.3	0.3	0.3	0.3	0.3	C200	60	7526A83G14
2000	1.33	1.0	0.3	0.3	0.3	0.3	0.3	C200	60	7526A83G15
3000	1.33	1.0	0.3	0.3	0.3	0.3	0.3	C200	60	7526A83G16
4000	1.33	1.0	0.3	0.3	0.3	0.3	0.3	C200	100	7526A83G17

Optional mounting feet: 9625A63G01

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](http://www.abb.com/mediumvoltage)

**Note:**

The information contained in this document is for general information purposes only. While ABB strives to keep the information up to date and correct, it makes no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the information, products, services, or related graphics contained in the document for any purpose. Any reliance placed on such information is therefore strictly at your own risk. ABB reserves the right to discontinue any product or service at any time.

Copyright 2004 ABB.  
 All rights reserved.



UL Recognized Component; File No. E96461