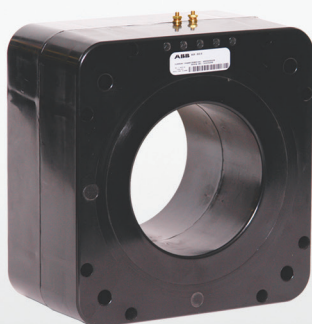


INSTRUMENT TRANSFORMERS

SCD

Indoor current transformer



The SCD 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

Application

The SCD current transformer is designed for use in relaying and metering applications including, but not limited to, various types of medium voltage switchgear, and is available in three internal window diameter sizes. Dual and multi-ratio designs are available upon request.

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

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

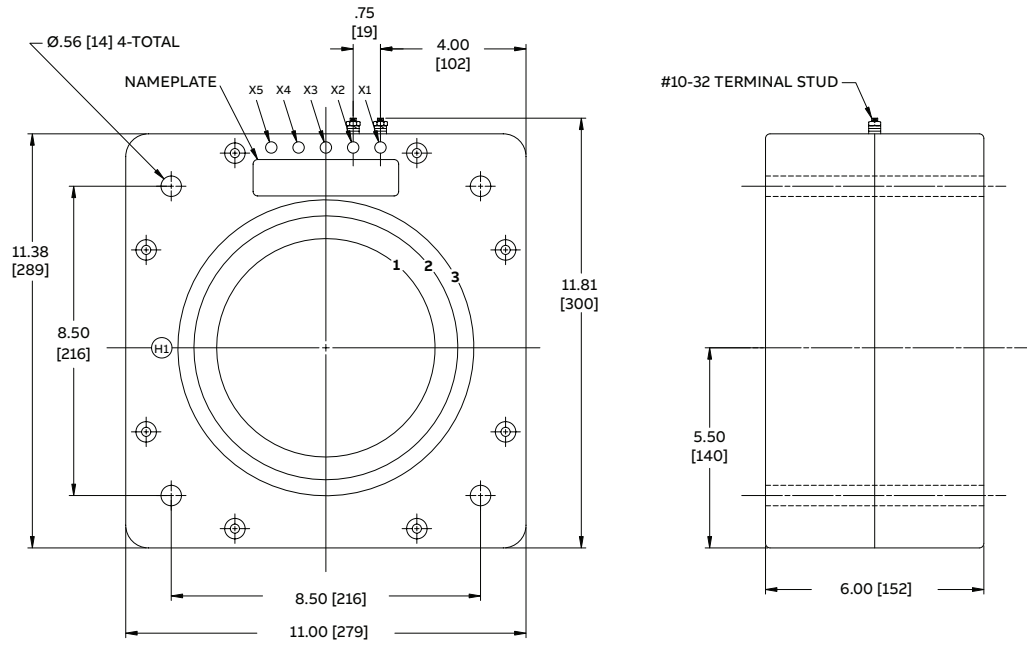
Standards

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 SCD is a UL Recognized Component (file number E96461).

Dimensions (inches [mm])



Type	Window size		Thickness		Approximate weight (lbs)
	(in)	(mm)	(in)	(mm)	
SCD-1	6.0	152	6.0	152	60
SCD-2	7.25	184	6.0	152	52
SCD-3	8.13	207	6.0	152	45

Primary ampere rating	IEEE metering accuracy @ 60 Hz					IEEE relaying accuracy @ 60 Hz	Mechanical rating*	Thermal rating*	Continuous current rating factor		Style number
	B-0.1	B-0.2	B-0.5	B-0.9	B-1.8				30° C	55° C	
SCD-1 (6.0" window)											
50	1.2	2.4	-	-	-	C20	180	100	2.0	1.5	7525A45G01
75	1.2	1.2	2.4	-	-	C20	180	100	2.0	1.5	7525A45G02
100	0.6	1.2	2.4	-	-	C50	180	100	2.0	1.5	7525A45G03
150	0.6	0.6	0.6	1.2	2.4	C50	180	100	2.0	1.5	7525A45G04
200	0.3	0.6	0.6	1.2	1.2	C100	180	100	2.0	1.5	7525A45G05
300	0.3	0.3	0.3	0.6	0.6	C100	180	100	2.0	1.5	7525A45G06
400	0.3	0.3	0.3	0.3	0.6	C200	180	100	2.0	1.5	7525A45G07
600	0.3	0.3	0.3	0.3	0.3	C200	180	100	2.0	1.5	7525A45G08
800	0.3	0.3	0.3	0.3	0.3	C400	180	100	2.0	1.5	7525A45G09
1000	0.3	0.3	0.3	0.3	0.3	C400	180	80	1.5	1.0	7525A45G10
1200	0.3	0.3	0.3	0.3	0.3	C400	180	80	1.5	1.0	7525A45G11
1500	0.3	0.3	0.3	0.3	0.3	C800	180	80	1.5	1.0	7525A45G12
2000	0.3	0.3	0.3	0.3	0.3	C800	180	60	1.33	1.0	7525A45G13
2500	0.3	0.3	0.3	0.3	0.3	C800	180	60	1.33	1.0	7525A45G14
3000	0.3	0.3	0.3	0.3	0.3	C800	180	60	1.33	1.0	7525A45G15
SCD-2 (7.25" window)											
200	0.6	0.6	0.6	1.2	2.4	C50	180	100	2.0	1.5	7525A46G01
300	0.3	0.3	0.3	0.6	1.2	C100	180	100	2.0	1.5	7525A46G02
400	0.3	0.3	0.3	0.3	0.6	C100	180	100	2.0	1.5	7525A46G03
600	0.3	0.3	0.3	0.3	0.3	C200	180	100	2.0	1.5	7525A46G04
800	0.3	0.3	0.3	0.3	0.3	C200	180	100	2.0	1.5	7525A46G05
1000	0.3	0.3	0.3	0.3	0.3	C400	180	80	1.5	1.0	7525A46G06
1200	0.3	0.3	0.3	0.3	0.3	C400	180	80	1.5	1.0	7525A46G07
1500	0.3	0.3	0.3	0.3	0.3	C400	180	80	1.5	1.0	7525A46G08
2000	0.3	0.3	0.3	0.3	0.3	C400	180	60	1.33	1.0	7525A46G09
2500	0.3	0.3	0.3	0.3	0.3	C400	180	60	1.33	1.0	7525A46G10
3000	0.3	0.3	0.3	0.3	0.3	C400	180	60	1.33	1.0	7525A46G11
4000	0.3	0.3	0.3	0.3	0.3	C400	180	60	1.33	1.0	7525A46G12
5000	0.3	0.3	0.3	0.3	0.3	C400	180	60	1.33	1.0	7525A46G13
SCD-3 (8.13" window)											
200	0.6	0.6	1.2	2.4	2.4	C50	180	100	2.0	1.5	7525A47G01
300	0.3	0.3	0.6	1.2	1.2	C50	180	100	2.0	1.5	7525A47G02
400	0.3	0.3	0.3	0.6	0.6	C100	180	100	2.0	1.5	7525A47G03
600	0.3	0.3	0.3	0.3	0.3	C100	180	100	2.0	1.5	7525A47G04
800	0.3	0.3	0.3	0.3	0.3	C200	180	100	2.0	1.5	7525A47G05
1000	0.3	0.3	0.3	0.3	0.3	C200	180	100	2.0	1.5	7525A47G06
1200	0.3	0.3	0.3	0.3	0.3	C200	180	100	2.0	1.5	7525A47G07
1500	0.3	0.3	0.3	0.3	0.3	C400	180	100	2.0	1.5	7525A47G08
2000	0.3	0.3	0.3	0.3	0.3	C400	180	100	2.0	1.5	7525A47G09
2500	0.3	0.3	0.3	0.3	0.3	C400	180	60	1.33	1.0	7525A47G10
3000	0.3	0.3	0.3	0.3	0.3	C400	180	60	1.33	1.0	7525A47G11
4000	0.3	0.3	0.3	0.3	0.3	C400	180	60	1.33	1.0	7525A47G12
5000	0.3	0.3	0.3	0.3	0.3	C400	180	60	1.33	1.0	7525A47G13
6000	0.3	0.3	0.3	0.3	0.3	C200	180	60	1.33	1.0	7525A47G14

* times rated current

+ times rated current, one second

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

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