



Crompton Instruments SC2 Split Core Current Transformer - Summary Sheet

Summary

This range of split core current transformers from Crompton are quick and easy to install and can be foot or bus bar mounted. Boasting class 0.5 accuracy, (dependant on ratio and burden VA), they provide high quality comprehensive measurements at a cost-effective price. N.B. No CT cable is supplied with this product, please select the optional extra if required.

Product Code

CT###SC2

CT Type

Split Core

Aperture

50mm

Ratios Available

**250/5 | 300/5 | 400/5 |
500/5 | 600/5 | 750/5 |
800/5 | 1000/5**

*** ### denotes ratio required.**

Specification

System voltage	720V (0.72kV) maximum
Test voltage	3kV for 1 minute
System frequency	50/60Hz
Insulation class	E
Overload withstand	1.2 times rated current continuously
Short circuit thermal	100 x rated primary for 1 second
Operating temperature	-20°C to +70°C
Relative humidity	0-90% (non condensing)
Compliant with	IEC/EN 60044-1, BS7626
Accuracy	Class 3, 1 & 0.5
Mounting hardware	Plug-in metal feet for wall or base mounting or moulded busbar mounting
Rated dynamic current	$\approx 2.55 \times I_{ht}$
Enclosure	Flame retardant grade classified UL 94V-O

Features

- High quality comprehensive measurements
- Available in a wide range of transformer ratings
- Accuracy up to Class 0.5
- Foot or Busbar mounted

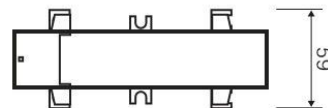
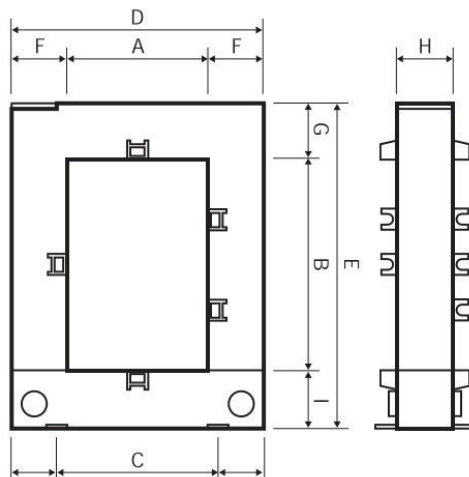
Benefits

- Faster installation
- Cost effective
- Long product life

Applications

- Switchgear
- Distribution systems
- Generator Sets
- Control panels

Dimensions



Model	SC 1	SC 2	SC 3	SC 4	SC 5
A	20	50	80	80	80
B	30	80	80	120	160
C	51	78	108	108	120
D	89	114	144	144	184
E	111	145	145	185	245
F	34	32	32	32	52
G	47	32	32	32	52
H	40	32	32	32	52
I	32	33	33	33	38
Weight (kg)	0.75	0.90	1.05	1.25	4.30