SCCT

Split Core Current Transformer

Features :

- Break - proof plastic housing made from polycarbonate
- Non - flammable and self - extinguishing
- Protection against unauthorized manipulation of the connections by means of sealable covers
- Lock protection prevents accidental opening

Certifications : CE

Input / Output Specifications

Rated primary rating	100A to 6000A
Rated secondary output	5A

Technical Specifications

Rated burden (VA)	1,1.5, 2.5, 3, 5, 7.5, 10, 15
Class of accuracy	0.5, 1, 3
System frequency	50 / 60Hz
System voltage (Um)	0.72kV
Isolation test voltage	3kV AC for 1min
Overload withstand	120% of in (Rated current)
Thermal short circuit current (Ith)	60xIn
Dynamic short circuit current (Idyn)	2.5xIth
Insulation class	E (120°C max)

Environmental Specifications

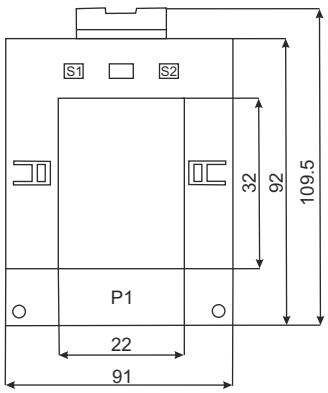
Ambient temperature	-10°C to +60°C
Humidity	< 95% RH (non condensing)
Compliant with	IEC-61869-2

Environmental Specifications

Mounting modes	Base mounting / Busbar mounting / Wall mounting

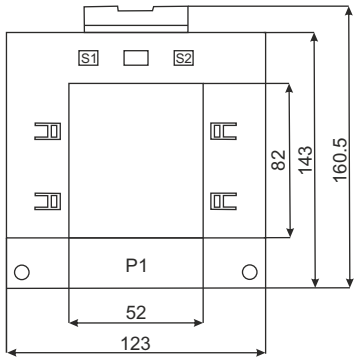
All dimensions in mm

SCCT 30/20

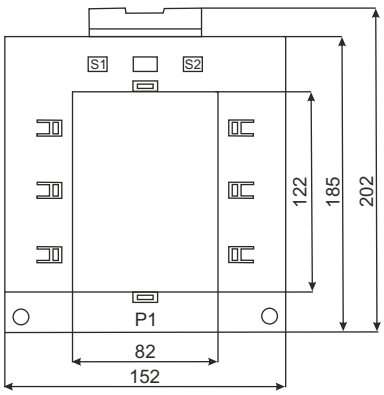


All dimensions in mm

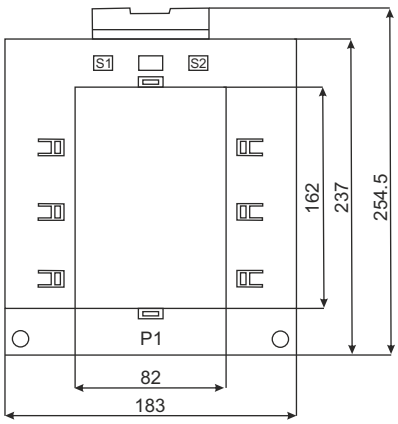
SCCT 80/50



SCCT 120/80



SCCT 160/80



Ordering Information

Product Code	Aperture In mm	Current Ratio	Burden in VA	Accuracy Class
SCCT 30/20 100/5A VA 1 CL 1	20X30	100/5A	1	1
SCCT 30/20 100/5A VA 1.5 CL 3	20X30	100/5A	1.5	3
SCCT 30/20 150/5A VA 1 CL 0.5	20X30	150/5A	1	0.5
SCCT 30/20 150/5A VA 1.5 CL 3	20X30	150/5A	1.5	3
SCCT 30/20 200/5A VA 1 CL 0.5	20X30	200/5A	1	0.5
SCCT 30/20 200/5A VA 1.5 CL 1	20X30	200/5A	1.5	1
SCCT 30/20 250/5A VA 1.5 CL 0.5	20X30	250/5A	1.5	0.5
SCCT 30/20 300/5A VA 2.5 CL 0.5	20X30	300/5A	2.5	0.5
SCCT 30/20 400/5A VA 2.5 CL 0.5	20X30	400/5A	2.5	0.5
SCCT 80/50 250/5A VA 1.5 CL 1	50X80	250/5A	1.5	1
SCCT 80/50 300/5A VA 1.5 CL 1	50X80	300/5A	1.5	1
SCCT 80/50 400/5A VA 1.5 CL0.5	50X80	400/5A	1.5	0.5
SCCT 80/50 500/5A VA 2.5 CL0.5	50X80	500/5A	2.5	0.5
SCCT 80/50 600/5A VA 2.5 CL0.5	50X80	600/5A	2.5	0.5
SCCT 80/50 750/5A VA 2.5 CL0.5	50X80	750/5A	2.5	0.5
SCCT 80/50 800/5A VA 2.5 CL0.5	50X80	800/5A	2.5	0.5
SCCT 80/50 1000/5A VA 5 CL0.5	50X80	1000/5A	5	0.5
SCCT 120/80 500/5A VA2.5 CL0.5	80X120	500/5A	2.5	0.5
SCCT 120/80 600/5A VA 2.5 CL 0.5	80X120	600/5A	2.5	0.5
SCCT 120/80 750/5A VA 2.5 CL 0.5	80X120	750/5A	2.5	0.5
SCCT 120/80 800/5A VA 2.5 CL 0.5	80X120	800/5A	2.5	0.5
SCCT 120/80 1000/5A VA 5 CL 0.5	80X120	1000/5A	5	0.5
SCCT 120/80 1200/5A VA 7.5 CL 0.5	80X120	1200/5A	7.5	0.5
SCCT 120/80 1250/5A VA 7.5 CL 0.5	80X120	1250/5A	7.5	0.5
SCCT 120/80 1500/5A VA 7.5 CL 0.5	80X120	1500/5A	7.5	0.5
SCCT 120/80 1500/5A VA 10 CL 1	80X120	1500/5A	10	1
SCCT 120/80 1600/5A VA10 CL 0.5	80X120	1600/5A	10	0.5
SCCT 160/80 1000/5A VA10 CL 0.5	80X160	1000/5A	10	0.5
SCCT 160/80 1200/5A VA10 CL 0.5	80X160	1200/5A	10	0.5
SCCT 160/80 1250/5A VA10 CL 0.5	80X160	1200/5A	10	0.5
SCCT 160/80 1500/5A VA15 CL 0.5	80X160	1500/5A	15	0.5
SCCT 160/80 2000/5A VA 15 CL 0.5	80X160	2000/5A	15	0.5
SCCT 160/80 2500/5A VA 15 CL 0.5	80X160	2500/5A	15	0.5
SCCT 160/80 3000/5A VA 15 CL 0.5	80X160	3000/5A	15	0.5
SCCT 160/80 4000/5A VA 15 CL 0.5	80X160	4000/5A	15	0.5
SCCT 160/80 5000/5A VA 15 CL 0.5	80X160	5000/5A	15	0.5
SCCT 160/80 6000/5A VA 15 CL 0.5	80X160	6000/5A	15	0.5