Split Core Current Transformer

SCCT



Features :

- Polycarbonate housing
- Non-flammable and self extinguishing plastic
- Sealable cover
- Lock protection prevents accidental opening

Technical specifications

Input / Output specifications	
Rated primary rating	100A to 6000A
Rated secondary output	5A
Technical specifications	
Connection	Two secondary terminals on top side with M5 screw
Rated burden (VA)	1,1.5, 2.5, 3.75, 5, 7.5, 10, 15,20,30
Class of accuracy	0.5, 1, 3
System frequency	50/60Hz
System voltage (Um)	0.72kV
Isolation test voltage	4kV AC for 1 Minute
Thermal short circuit current (Ith)	60 X In
Dynamic short circuit current (Idyn)	2.5 X Ith
Insulation class	E (120°C max)
Instrument security factor (FS)	2.5, 5, 10
Environmental specifications	
Ambient temperature	-25°C to +60°C
Humidity	< 95% RH (non condensing)
Mounting	
Mounting modes	Busbar mounting
Standard	
Applicable standard	IEC 61869 - 1 & 2

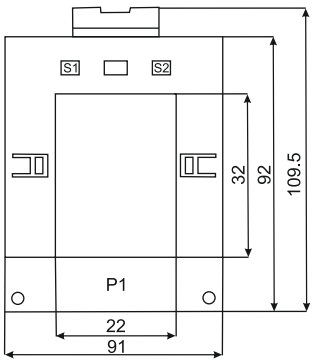
Ordering information

SCCT-30/20-100/5A-VA1-CL1-CE

SCCT 30/20			
	Accuracy		
Primary Current	0.5	1	3
100	-	1 VA	1.5 VA
150	1 VA	-	1.5 VA
200	1 VA	1.5 VA	2.5 VA
250	1.5 VA	2.5 VA	3.75 VA
300	2.5 VA	3.75 VA	5 VA
400	2.5 VA	5 VA	10 VA

Dimensions (All are in mm)

SCCT 30/20



Ordering information

SCCT-80/50-250/5A-VA1-CL0.5-CE

SCCT 80/50			
Primary current	**Accuracy**		
	0.5	1	3
250	1 VA	2.5 VA	3.75
300	1.5 VA	2.5 VA	5 VA
400	1.5 VA	2.5 VA	10 VA
500	2.5 VA	5 VA	15 VA
600	2.5 VA	5 VA	15 VA
750	2.5 VA	7.5 VA	20 VA
800	2.5 VA	7.5 VA	20 VA
1000	5 VA	10 VA	20 VA

SCCT-120/80-500/5A-VA2.5-CL0.5-CE

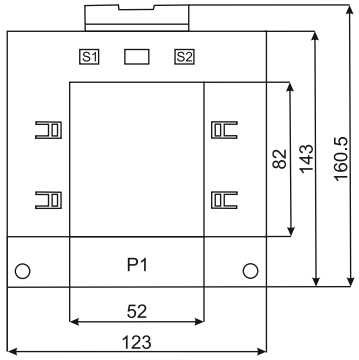
SCCT 120/80			
Primary current	**Accuracy**		
	0.5	1	3
500	2.5 VA	3.75 VA	15 VA
600	2.5 VA	5 VA	15 VA
750	2.5 VA	2.5 VA	20 VA
800	2.5 VA	7.5 VA	20 VA
1000	5 VA	10 VA	20 VA
1200	7.5 VA	15 VA	30 VA
1250	7.5 VA	15 VA	30 VA
1500	7.5 VA	10 VA	30 VA
1600	10 VA	20 VA	30 VA

SCCT-160/80-1000/5A-VA10-CL0.5-CE

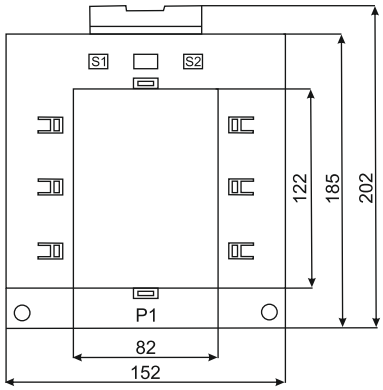
SCCT 160/80			
Primary current	**Accuracy**		
	0.5	1	3
1000	10 VA	15 VA	20 VA
1200	10 VA	15 VA	20 VA
1250	10 VA	15 VA	20 VA
1500	15 VA	20 VA	30 VA
2000	15 VA	20 VA	30 VA
2500	15 VA	20 VA	30 VA
3000	15 VA	20 VA	30 VA
4000	15 VA	20 VA	30 VA
5000	15 VA	20 VA	30 VA
6000	15 VA	20 VA	30 VA

Dimensions (All are in mm)

SCCT 80/50



SCCT 120/80



SCCT 160/80

