# 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

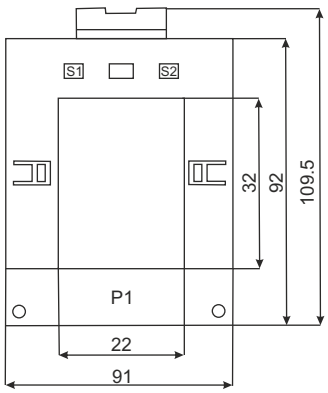
| | |
|---|---|
| Ambient temperature | -10°C to +60°C |
| Humidity | < 95% RH (non condensing) |
| Compliant with | IEC-61869-2 |

### Environmental Specifications

| | |
|---|---|
| Mounting modes | Base mounting / Busbar mounting / Wall mounting |

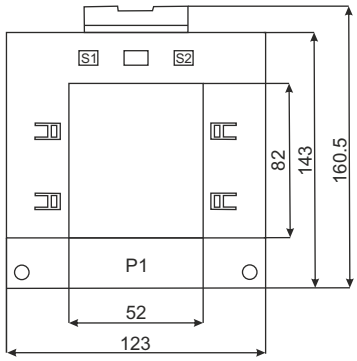
### All dimensions in mm

**SCCT 30/20**

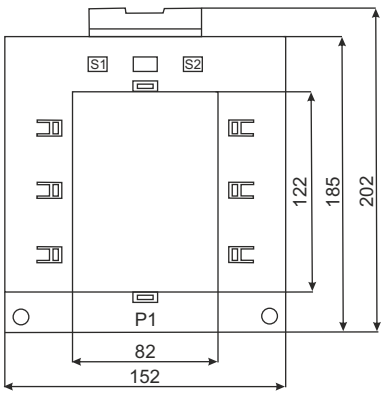



### All dimensions in mm

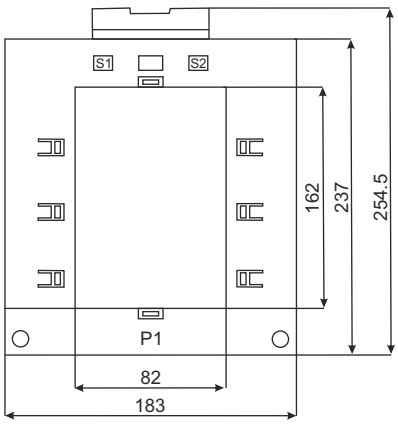
**SCCT 80/50**




**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 |