



**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**



**All dimensions in mm**



## 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 CL 0.5   | 50X80          | 400/5A        | 1.5          | 0.5            |
| SCCT 80/50 500/5A VA 2.5 CL 0.5   | 50X80          | 500/5A        | 2.5          | 0.5            |
| SCCT 80/50 600/5A VA 2.5 CL 0.5   | 50X80          | 600/5A        | 2.5          | 0.5            |
| SCCT 80/50 750/5A VA 2.5 CL 0.5   | 50X80          | 750/5A        | 2.5          | 0.5            |
| SCCT 80/50 800/5A VA 2.5 CL 0.5   | 50X80          | 800/5A        | 2.5          | 0.5            |
| SCCT 80/50 1000/5A VA 5 CL 0.5    | 50X80          | 1000/5A       | 5            | 0.5            |
| SCCT 120/80 500/5A VA 2.5 CL 0.5  | 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 VA 10 CL 0.5  | 80X120         | 1600/5A       | 10           | 0.5            |
| SCCT 160/80 1000/5A VA 10 CL 0.5  | 80X160         | 1000/5A       | 10           | 0.5            |
| SCCT 160/80 1200/5A VA 10 CL 0.5  | 80X160         | 1200/5A       | 10           | 0.5            |
| SCCT 160/80 1250/5A VA 10 CL 0.5  | 80X160         | 1200/5A       | 10           | 0.5            |
| SCCT 160/80 1500/5A VA 15 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            |