

Dimensions (mm)

| A | B | C | D(Φ) | E | F | G | D1(Φ) | d(Φ) |
|------------------------------------|------|--------|----------------------------------|------|------|------|---------|---|
| 5.0 ^{+0.15} ₋₀ | 10±2 | 20±0.5 | 5 ^{+0.05} ₋₀ | 21±1 | 38±2 | 97±2 | 5.5±0.2 | ≤6.3A: 0.65±0.02 >6.3A~10A: 0.80±0.02 >10A: 1.20±0.02 |

Key Features

- Φ5mm X 20mm physical size
- Time Lag
- High-breaking capacity
- Ceramic tube, Nickel-plated brass endcap construction
- Designed to IEC60127-2/Sheet5.GB9364-2/Sheet5

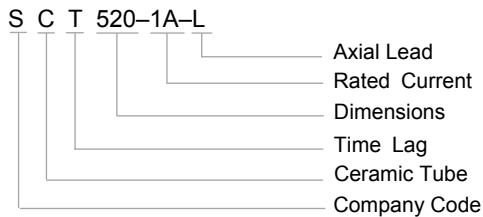
Agency Approvals

- CCC:TBA
- CQC:TBA
- VDE:TBA
- KC:TBA
- PSE:TBA
- UL/cURus:TBA

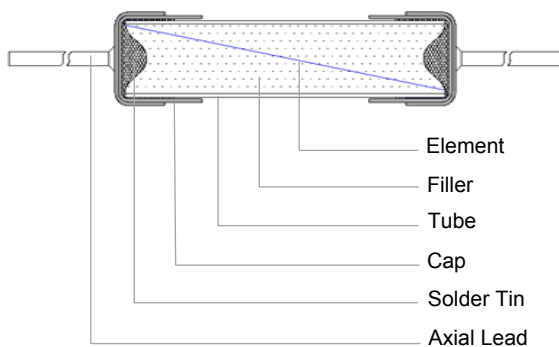
Applications

- Printers
- Air conditioners
- Energy-saving Lighting ballasts
- Power supplies
- Power adapters
- Battery chargers
- TVs/Displays

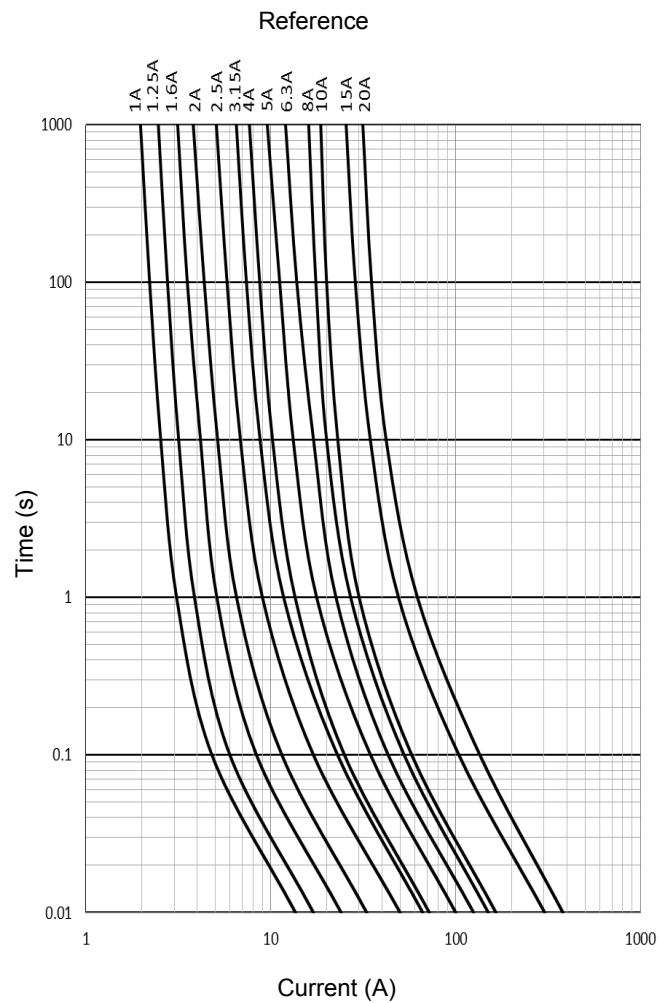
Part Number System



Structure Diagrams



Time Current Curve





Specifications

| Model | Rated Current | Rated Voltage (Vac) | Interrupting Rating (amps) at Rated Voltage(50Hz) (A) | Typical DC Cold Resistance (mΩ)※ | Maximum Voltage Drop (mV)★ | Typical Melting I ² t (A ² Sec) | Agency Approvals | | | | | | Environmental Status | |
|--------------|---------------|---------------------|---|----------------------------------|----------------------------|---|------------------|-----|-----|----|-----|-------|----------------------|-------|
| | | | | | | | CCC | CQC | VDE | KC | PSE | cURus | RoHS | REACH |
| | | | | | | | CCC | CQC | VDE | KC | PSE | cURus | RoHS | REACH |
| SCT520-200mA | 200mA | 250 | 1500 | | 2100 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-250mA | 250mA | 250 | 1500 | | 1500 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-315mA | 315mA | 250 | 1500 | | 1100 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-400mA | 400mA | 250 | 1500 | | 1000 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-500mA | 500mA | 250 | 1500 | | 850 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-630mA | 630mA | 250 | 1500 | | 650 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-800mA | 800mA | 250 | 1500 | | 500 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-1A | 1A | 250 | 1500 | | 350 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-1.25A | 1.25A | 250 | 1500 | | 300 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-1.6A | 1.6A | 250 | 1500 | | 200 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-2A | 2A | 250 | 1500 | | 190 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-2.5A | 2.5A | 250 | 1500 | | 180 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-3.15A | 3.15A | 250 | 1500 | | 140 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-4A | 4A | 250 | 1500 | | 100 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-5A | 5A | 250 | 1500 | | 100 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-6.3A | 6.3A | 250 | 1500 | | 100 | | ○ | | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-8A | 8A | 250 | 1500 | | 100 | | | ○ | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-10A | 10A | 250 | 1500 | | 100 | | | ○ | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-15A | 15A | 250 | 600 | | 90 | | | ○ | ○ | ○ | ○ | ○ | ● | ● |
| SCT520-20A | 20A | 250 | 500 | | 90 | | | ○ | ○ | ○ | ○ | ○ | ● | ● |

○- On-going.

※- DC Cold Resistance (Measured at <10% of rated current).

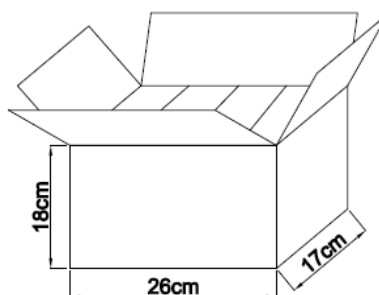
★- Maximum Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current).

Pre-arcing Time/Current Characteristic

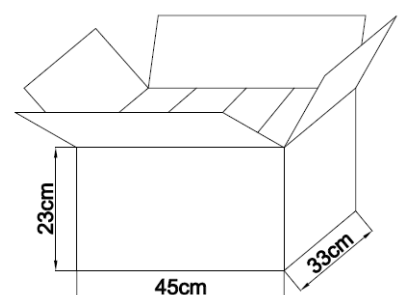
| Rated Current | 2.1I _N | 2.75I _N | | 4I _N | | 10I _N | |
|--------------------|-------------------|--------------------|---------|-----------------|---------|------------------|---------|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum |
| 200mA~800mA | 30min | 250ms | 80s | 50ms | 5s | 5ms | 150ms |
| Above 800mA ~3.15A | 30min | 750ms | 80s | 95ms | 5s | 10ms | 150ms |
| Above 3.15A~10A | 30min | 750ms | 80s | 150ms | 5s | 10ms | 150ms |
| Above 10A~20A | 30min | 750ms | 80s | 150ms | 5s | 10ms | 150ms |

Packaging Information

| Packaging Code | Description |
|----------------|----------------------|
| Endcaps | 10000pcs per carton. |
| Axial Leads | 4000pcs per carton. |



Endcaps



Axial Leads