

# Split-Core Current Transformer



## Model: SCT-013 Series

**Characteristics:** Opening size: 13mm×13mm  
 Non-linearity±3% ( 10%—120% rated input current )  
 1.5m leading wire. Diagram for standard three-output  
 Current output type or Voltage output type  
 ( Voltage output type built-in sampling resistor )

**Purpose:** Suitable for the current measuring  
 monitoring and protection of AC motor  
 lighting equipment air compressor and so on

**Core material:** Ferrite

**Mechanical strength:** The number of switching is not less than 1000 times  
 (Test under 20°C).

**Safety index:** Dielectric strength 6000V AC/1min

**Fire resistance property:** in accordance with UL94-VO

**Working temperature:** -25°C—+70°C

**Outline size diagram:** (in mm)

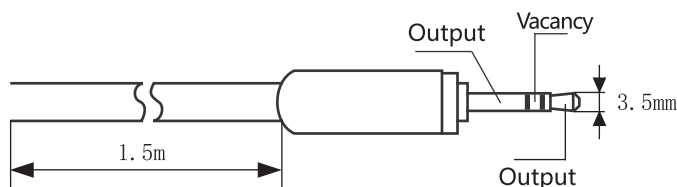
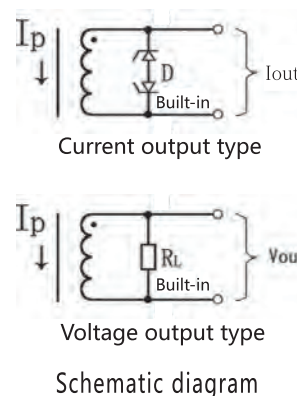
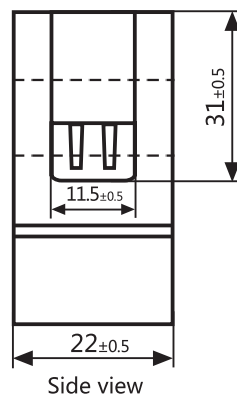
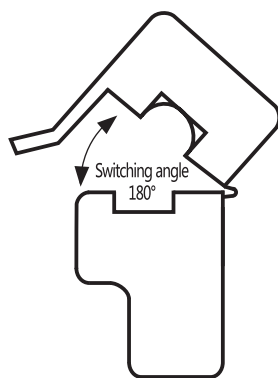
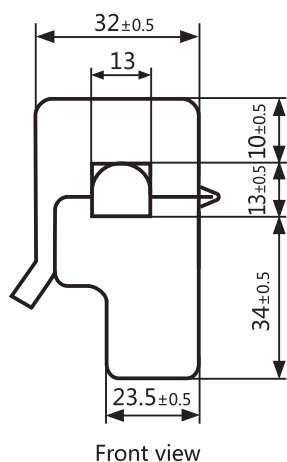


Diagram for standard three-pin plug

Table of technical parameters:

|               |              |             |             |             |             |
|---------------|--------------|-------------|-------------|-------------|-------------|
| Model         | SCT-013-000  | SCT-013-005 | SCT-013-010 | SCT-013-015 | SCT-013-020 |
| Input current | 0-100A       | 0-5A        | 0-10A       | 0-15A       | 0-20A       |
| Output mode   | Current/33mA | Voltage/1V  | Voltage/1V  | Voltage/1V  | Voltage/1V  |
| Model         | SCT-013-025  | SCT-013-030 | SCT-013-050 | SCT-013-060 | SCT-013-070 |
| Input current | 0-25A        | 0-30A       | 0-50A       | 0-60A       |             |
| Output mode   | Voltage/1V   | Voltage/1V  | Voltage/1V  | Voltage/1V  |             |

Output mode: Voltage output type built-in sampling resistor; Current output type built-in protective diode;  
 Forbidden to be opening operating for current type.