

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

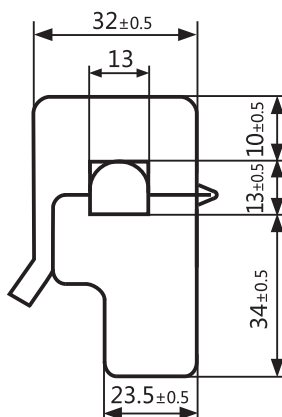
Mechanical strength: The number of switching is not less than 1000 times
(Test under 20°C).

Safety index: Dielectric strength 6000V AC/1min

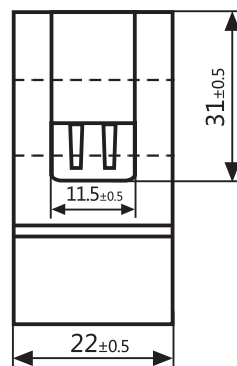
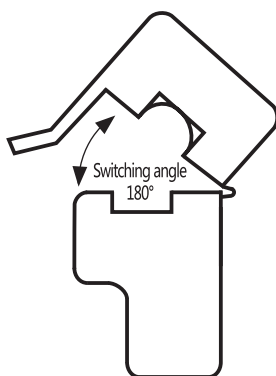
Fire resistance property: in accordance with UL94-VO

Working temperature: -25°C—+70°C

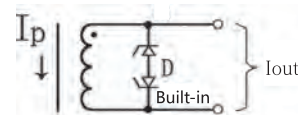
Outline size diagram: (in mm)



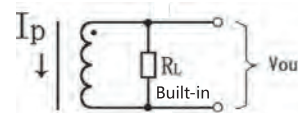
Front view



Side view



Current output type



Voltage output type

Schematic diagram

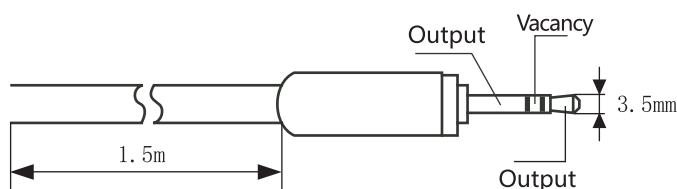


Diagram for standard three-pin plug

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.