

# 31956-TE



**Model SCT-013**

**Split core current transformer**

**Characteristics:** Opening size: 13mm X 13mm,

Non-linearity  $\pm 3\%$  (10%—120% of rated input current)

1m leading wire, standard  $\Phi 3.5\text{mm}$  three conductor output plug

Current output type

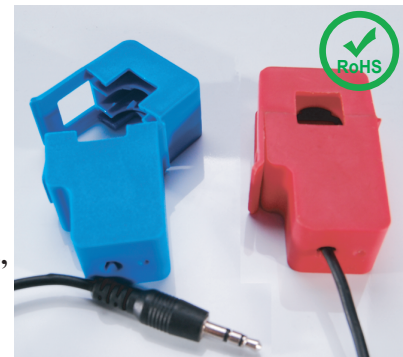
**Purpose:** Used for current measurement, monitor and protection for AC motors, lighting equipment, air compressor, generators etc

**Core material:** ferrite

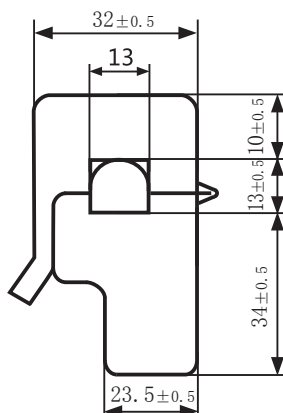
**Mechanical strength:** the number of openings is not less than 1000 times(tested at  $25^{\circ}\text{C}$ )

**Safety index:** Dielectric strength (between shell and output) 1000V AC/1min

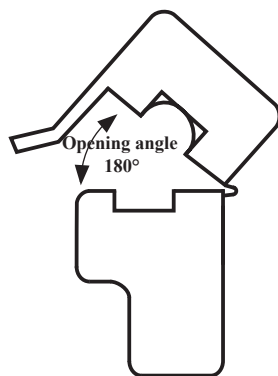
Fire resistance property: In accordance with UL94-V0



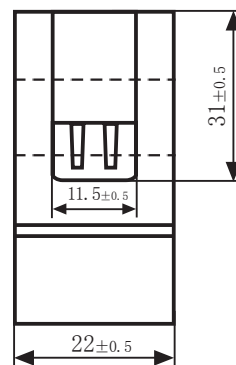
**Outline size diagram: (in mm)**



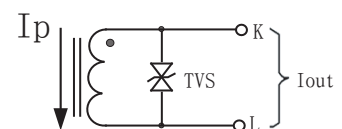
Front View



Side View



Schematic diagram



Current output type

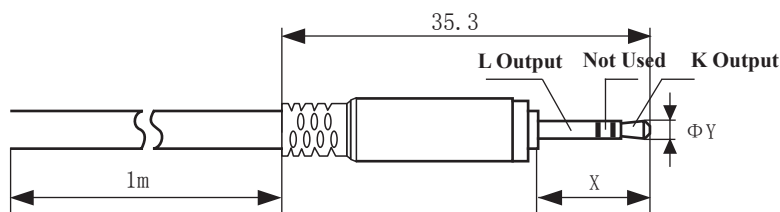


Diagram for standard three-Conductor plug

| Plug size        | X    | Y   | select   |
|------------------|------|-----|----------|
| 3.5mm Audio Plug | 15.0 | 3.5 | standard |

**Table of technical parameter:**

| P/N STC-013-000 | Range  | Output | Linerity | Hi-Pot       | Oper. Temp. |
|-----------------|--------|--------|----------|--------------|-------------|
| Input current   | 0-100A | 0-.05A | +3%      | 1000VAC/1Min | -25--70C    |

※ Current output type built-in protective diodes