

## SCT013G Split core current transformer

\*G stands for (naked conductor) input/output high voltage isolation

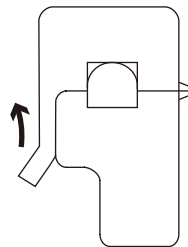


### Product features

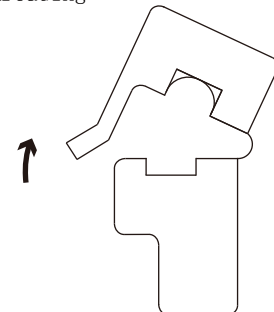
- Safety lock buckle, Simple installation
- Audio connector output
- Lead type output, The length can be customized
- Suspended mounting

### Installation diagram

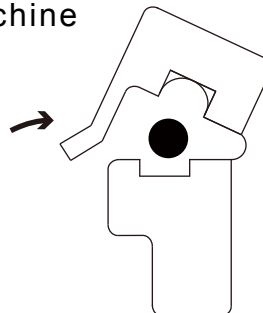
One time threading



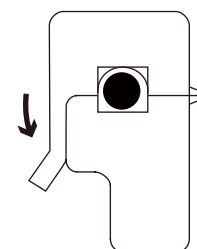
1. Open the buckle



2. Open up



3. Drop lead



4. Fasten the buckle

### Product application

- Portable instrument
- Household metering
- Monitoring the load of the machine

### Product advantage

- Small volume, Light weight
- Low cost
- High turns, High precision

Typical technical index:

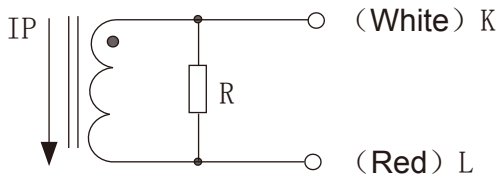
- Core material——ferrite
- Working voltage——Phase voltage≤720V
- Working temperature——-25℃ ~ +60℃
- Storage temperature——-30℃ ~ +90℃
- Frequency range——50Hz~1KHz
- Dielectric strength——Input (bare conductor) /output AC 3.5KV/1min 5mA 50Hz  
Output/Outer shell AC 3.5KV/1min 5mA 50Hz

Electrical parameters

Model	Input current	output	Turns	Load resistance	Accuracy	linearity	weight
SCT013G-000	100A	50mA	1: 2000	10 Ω	1%	1%	50g
SCT013G-005	5A	1V	-	built-in	1%	1%	50g
SCT013G-010	10A	1V	-	built-in	1%	1%	50g
SCT013G-015	15A	1V	-	built-in	1%	1%	50g
SCT013G-020	20A	1V	-	built-in	1%	1%	50g
SCT013G-025	25A	1V	-	built-in	1%	1%	50g
SCT013G-030	30A	1V	-	built-in	1%	1%	50g
SCT013G-050	50A	1V	-	built-in	1%	1%	50g
SCT013G-060	60A	1V	-	built-in	1%	1%	50g
SCT013G-000	100A	1V	-	built-in	1%	1%	50g

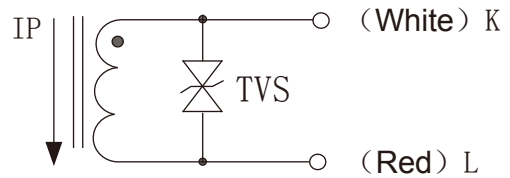
Model	Input current	output	Turns	Load resistance	Accuracy	linearity	weight
SCT013G	5A	0.333V	-	built-in	1%	1%	50g
SCT013G	10A	0.333V	-	built-in	1%	1%	50g
SCT013G	15A	0.333V	-	built-in	1%	1%	50g
SCT013G	20A	0.333V	-	built-in	1%	1%	50g
SCT013G	25A	0.333V	-	built-in	1%	1%	50g
SCT013G	30A	0.333V	-	built-in	1%	1%	50g
SCT013G	50A	0.333V	-	built-in	1%	1%	50g
SCT013G	60A	0.333V	-	built-in	1%	1%	50g
SCT013G	100A	0.333V	-	built-in	1%	1%	50g

**Wiring schematic diagram :**



Built-in with sampling resistance  
Voltage output type

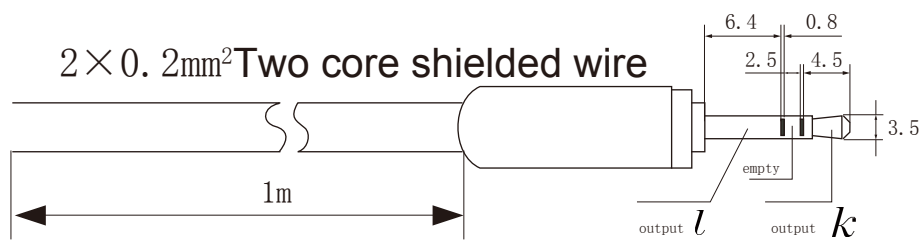
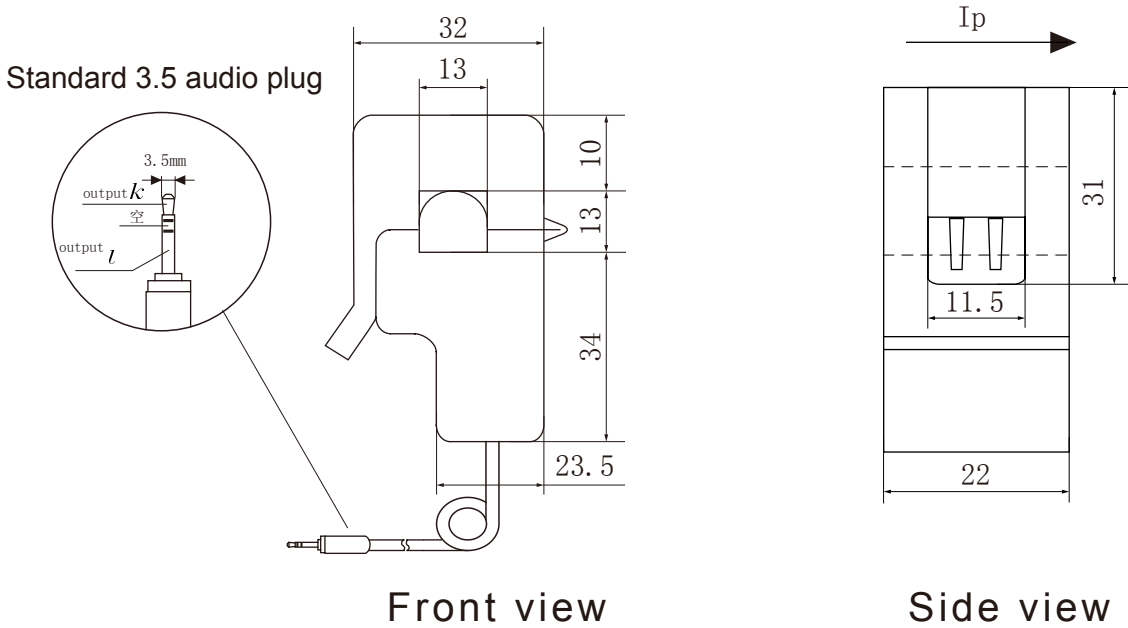
Secondary are not allowed to short circuit



TVS: Transient voltage suppressor  
Current output type

Secondary does not allow open circuit

**Dimensions (in mm) :**



**Standard three-pin plug diagram**

