

SCT013 Split core current transformer





Product features

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

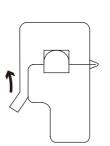
Product application

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

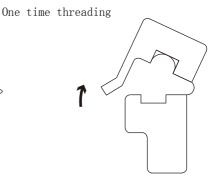
Product advantage

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

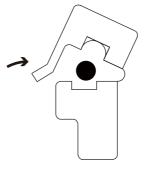
Installation diagram



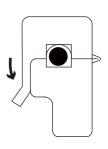




2. Open the buckle



3. Drop lead



4. Fasten the buckle



Typical technical index:

- •Core material——ferrite
- Working voltage——Phase voltage≤720V
- •Working temperature——-25 °C ~+60 °C
- Storage temperature— –- 30 $^{\circ}$ C \sim +90 $^{\circ}$ C
- Frequency range—50Hz~1KHz
- Dielectric strength——Input (bare conductor) /output AC 800V/1min 5mA 50Hz output /Outer shell AC 3.5KV/1min 5mA 50Hz

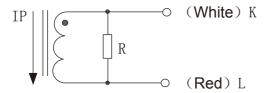
Electrical parameters

Model	Input current	output	Turns	Load resistance	Accuracy	linearity	weight
SCT013-000	100A	50mA	1: 2000	10 Ω	1%	1%	50g
SCT013-005	5 A	1 V	-	built-in	1%	1%	50g
SCT013-010	10A	1 V	-	built-in	1%	1%	50g
SCT013-015	15A	1 V	-	built-in	1%	1%	50g
SCT013-020	20A	1 V	-	built-in	1%	1%	50g
SCT013-025	25A	1 V	-	built-in	1%	1%	50g
SCT013-030	30A	1 V	-	built-in	1%	1%	50g
SCT013-050	50A	1 V	-	built-in	1%	1%	50g
SCT013-060	60A	1 V	-	built-in	1%	1%	50g
SCT013-000V	100A	1 V	-	built-in	1 %	1%	50g

Model	Input current	output	Turns	Load resistance	Accuracy	linearity	weight
SCT013	5 A	0.333V	-	built-in	1 %	1%	50g
SCT013	10A	0.333V	-	built-in	1 %	1%	50g
SCT013	15A	0.333V	-	built-in	1 %	1%	50g
SCT013	20A	0.333V	-	built-in	1 %	1%	50g
SCT013	25A	0.333V	-	built-in	1 %	1%	50g
SCT013	30A	0.333V	-	built-in	1%	1%	50g
SCT013	50A	0.333V	-	built-in	1%	1%	50g
SCT013	60A	0.333V	-	built-in	1%	1%	50g
SCT013	100A	0.333V	-	built-in	1 %	1%	50g



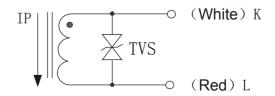
Wiring schematic diagram:



Built-in with sampling resistance

Voltage output type

Secondary are not allowed to short circuit

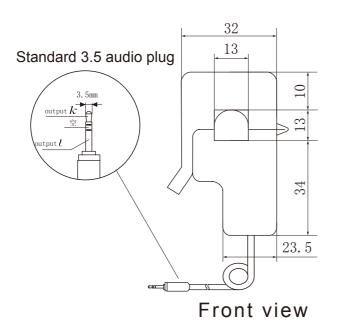


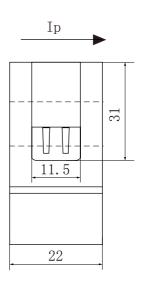
TVS: Transient voltage suppressor

Current output type

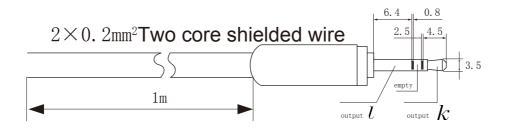
Secondary does not allow open circuit

Dimensions (in mm):





Side view



Standard three-pin plug diagram



