

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

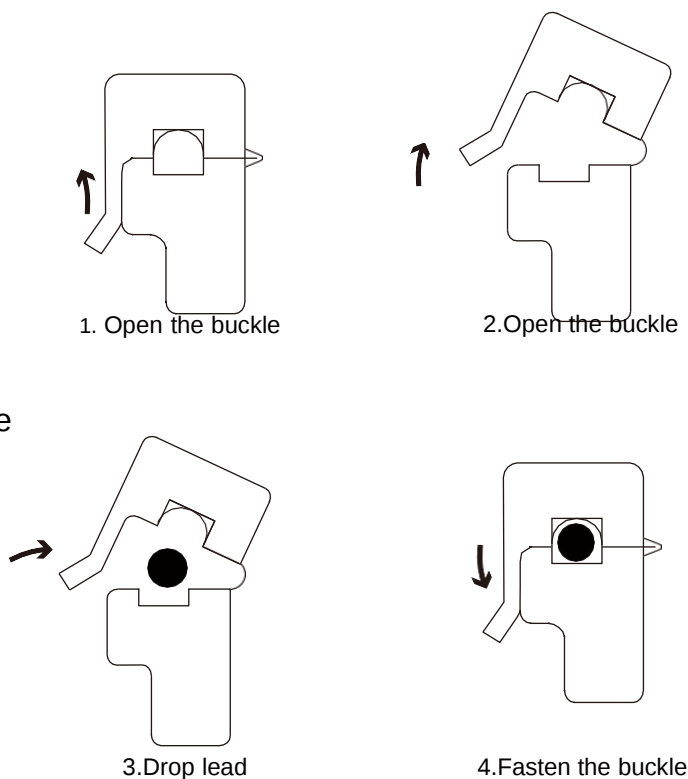
- Portable instrument
- Household metering
- Monitoring the load of the machine

Product advantage

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

Installation diagram

One time threading



Typical technical index :

- Core material——ferrite
- Working voltage——Phase voltage $\leq$ 720V
- Working temperature——-25°C $\sim$ +60°C
- Storage temperature——-30°C $\sim$ +90°C
- Frequency range——50Hz $\sim$ 1KHz
- Dielectric strength——Input (bare conductor) /output AC 800V/1min 5mA 50Hz

output / Outer shell AC 3.5KV/1min 5mA 50Hz

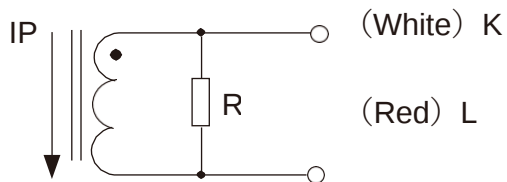
Electrical parameters

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

Model	Input current	output	Turns	Load resistance	Accuracy	linearity	weight
SCT01 3	5 A	0.333V	-	built-in	1 %	1%	50g
SCT01 3	10A	0.333V	-	built-in	1 %	1%	50g
SCT01	15A	0.333V	-	built-in	1	1%	50g

3					%		
SCT01 3	20A	0.333V	-	built-in	1 %	1%	50g
SCT01 3	25A	0.333V	-	built-in	1 %	1%	50g
SCT01 3	30A	0.333V	-	built-in	1 %	1%	50g
SCT01 3	50A	0.333V	-	built-in	1 %	1%	50g
SCT01 3	60A	0.333V	-	built-in	1 %	1%	50g
SCT01 3	100A	0.333V	-	built-in	1 %	1%	50g

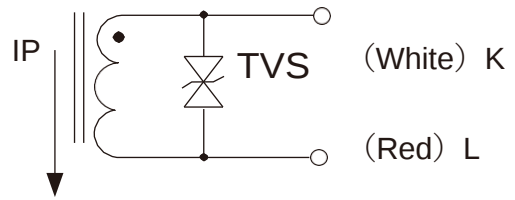
Wiring schematic diagram :



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) :

