

SCT024TS

Φ24mmAperture Split core current transformer



Front view



Opening view



Terminal view



Characteristic

- Safety lock buckle, easy to install
- Crimping terminal output
- Can customize a variety of output
- Suspended type

Product application

- Portable instrument
- Household metering
- Monitor motor load

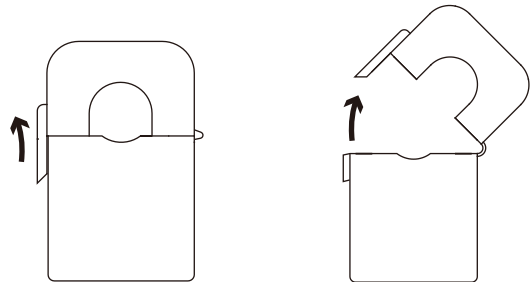
Product advantage

- Small volume, Light weight
- Low cost

- High turns, High precision

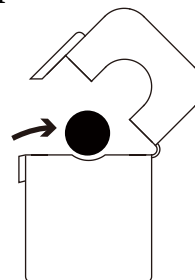
Installation diagram

Primary threading method (Firing line)

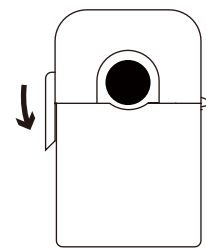


1. Open the buckle

2. Open upward



3. Put in lead wire



4. Fasten the buckle

Typical technical index:

- Material of core——Silicon steel sheet
- Working voltage——Phase voltage $\leq 720V$
- Working temperature—— $-25^{\circ}C \sim +60^{\circ}C$
- Storage temperature—— $-30^{\circ}C \sim +90^{\circ}C$
- Frequency range—— $50Hz \sim 60Hz$
- Dielectric strength——Input (bare conductor) /output AC 800V/1min 5mA 50Hz
Output/Outer shell AC 3.5KV/1min 5mA 50Hz

Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Model	Input current	Output	Turns ratio	Load resistance	Accuracy	Weight
SCT024TS	50 A	0.1 A	1:500	10 Ω	1%	204 g
SCT024TS	100 A	0.1 A	1:1000	10 Ω	1%	204 g
SCT024TS	200 A	0.1 A	1:2000	10 Ω	1%	204 g
SCT024TS	300 A	0.1 A	1:3000	10 Ω	1%	204 g
SCT024TS	400 A	0.1 A	1:4000	10 Ω	1%	204 g

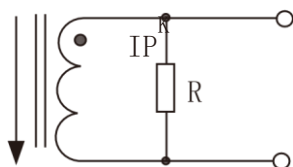
Model	Input current	Output	Turns ratio	Power	Accuracy	Weight
SCT024TS	50 A	1 A	1:50	0.5 VA	1%	204 g
SCT024TS	100 A	1 A	1:100	1 VA	1%	204 g
SCT024TS	200 A	1 A	1:200	1.5 VA	1%	204 g
SCT024TS	300 A	1 A	1:300	2 VA	1%	204 g
SCT024TS	400 A	1 A	1:400	2 VA	1%	204 g

Model	Input current	Output	Turns ratio	Power	Accuracy	Weight
SCT024TS	100 A	5 A	1:20	0.1 VA	5%	204 g
SCT024TS	150 A	5 A	1:30	0.5 VA	1%	204 g
SCT024TS	200 A	5 A	1:40	1.5 VA	1%	204 g
SCT024TS	300 A	5 A	1:60	2 VA	1%	204 g

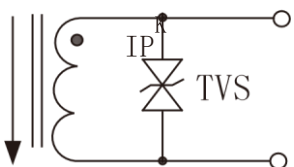
Model	Input current	Output	Turns ratio	Load resistance	Accuracy	Weight
SCT024TS	50 A	0.333	1	built-in	1%	204 g
SCT024TS	100 A	0.333	1	built-in	1%	204 g
SCT024TS	200 A	0.333	1	built-in	1%	204 g
SCT024TS	300 A	0.333	1	built-in	1%	204 g
SCT024TS	400 A	0.333	1	built-in	1%	204 g

Wiring schematic

diagram:



LL



Built-in sampling resistance

Voltage output type

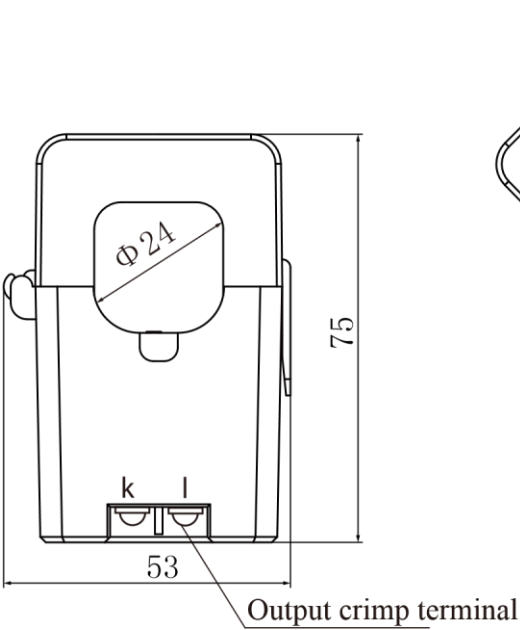
Secondary doesn't allow short circuit

TVS: Transient voltage suppressor (5 A output without)

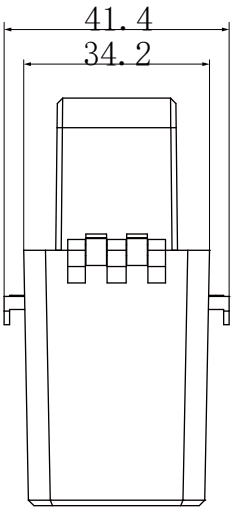
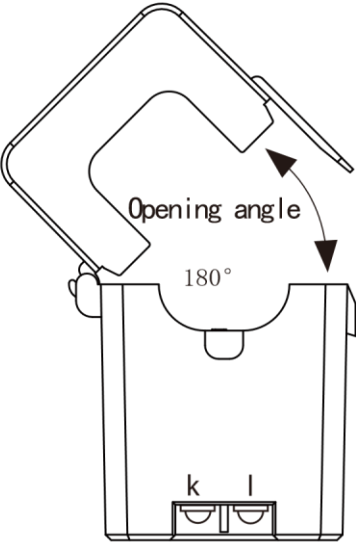
Current output type

Secondary doesn't allow open circuit

Outline size: (in:mm):



Front view



Side view