



YHDC SCT036TS 36mm Aperture Split Core Current Transformer Installation Guide

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$\Phi 36\text{mm}$ Aperture Split core current transformer

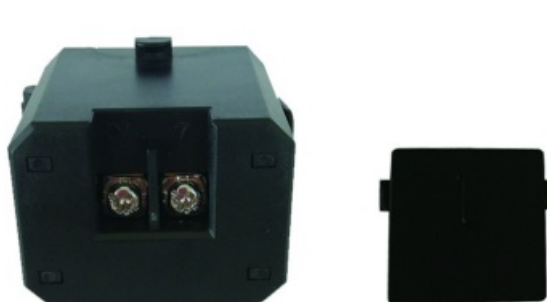
- Front view



- Opening view

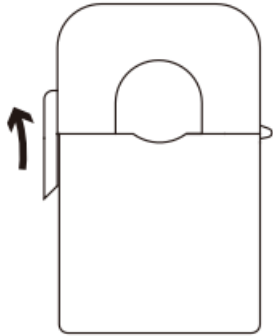


- Terminal view

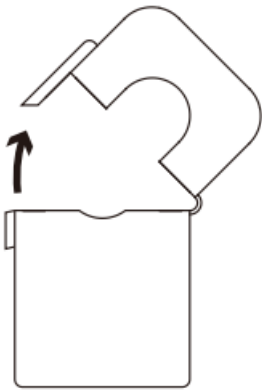


Installation diagram

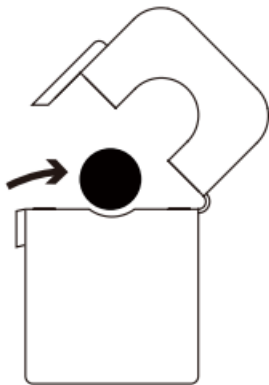
Primary threading method (Firing line)



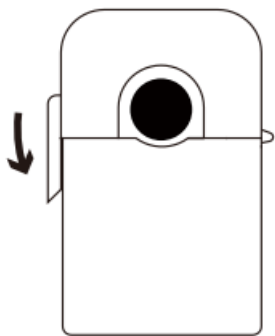
1. Open the buckle



2. Open upward



3. Put in lead wire



4. Fasten the buckle

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

Typical technical index

- Material of core——Silicon steel sheet
- Working voltage——Phase voltage $\leq$ 720V
- Working temperature——-25°C +60°C
- Storage temperature——-30°C +90°C
- Frequency range——50Hz 60Hz
- 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 ratio	Load resistance	Accuracy	Weight
SCT036TS	50A	0.1A	1:500	10 Ω	1%	310g
SCT036TS	100A	0.1A	1:1000	10 Ω	0.5%/1%	310g
SCT036TS	200A	0.1A	1:2000	10 Ω	0.5%/1%	310g
SCT036TS	300A	0.1A	1:3000	10 Ω	0.5%/1%	310g
SCT036TS	400A	0.1A	1:4000	10 Ω	0.5%/1%	310g
SCT036TS	500A	0.1A	1:5000	10 Ω	0.5%/1%	310g
SCT036TS	600A	0.1A	1:6000	10 Ω	0.5%/1%	310g

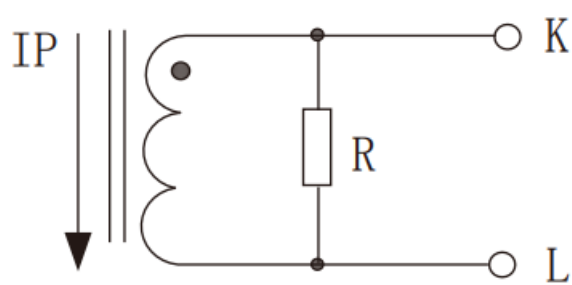
Model	Input current	Output	Turns ratio	Power	Accuracy	Weight
SCT036TS	100A	1A	1:100	5VA	1%	310g
SCT036TS	200A	1A	1:200	5VA	0.5%/1%	310g
SCT036TS	300A	1A	1:300	5VA	0.5%/1%	310g
SCT036TS	400A	1A	1:400	5VA	0.5%/1%	310g
SCT036TS	500A	1A	1:500	5VA	0.5%/1%	310g
SCT036TS	600A	1A	1:600	5VA	0.5%/1%	310g

Model	Input current	Output	Turns ratio	Power	Accuracy	Weight
SCT036TS	100A	5A	1 : 20	1VA	1%	310g
SCT036TS	120A	5A	1 : 24	1VA	0.5%/1%	310g
SCT036TS	150A	5A	1 : 30	2VA	0.5%/1%	310g
SCT036TS	200A	5A	1 : 40	2VA	0.5%/1%	310g
SCT036TS	250A	5A	1 : 50	5VA	0.5%/1%	310g
SCT036TS	300A	5A	1 : 60	5VA	0.5%/1%	310g
SCT036TS	400A	5A	1 : 80	5VA	0.5%/1%	310g
SCT036TS	500A	5A	1 : 100	5VA	0.5%/1%	310g
SCT036TS	600A	5A	1 : 120	5VA	0.5%/1%	310g

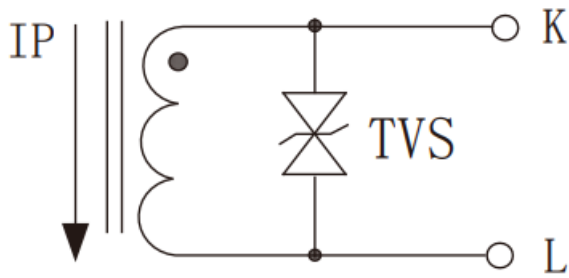
Model	Input current	Output	Turns ratio	Load resistance	Accuracy	Weight
SCT036TS	100A	0.333V	—	built-in	1%	310g
SCT036TS	200A	0.333V	—	built-in	1%	310g
SCT036TS	300A	0.333V	—	built-in	1%	310g
SCT036TS	400A	0.333V	—	built-in	1%	310g
SCT036TS	500A	0.333V	—	built-in	1%	310g
SCT036TS	600A	0.333V	—	built-in	1%	310g

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

Wiring schematic diagram

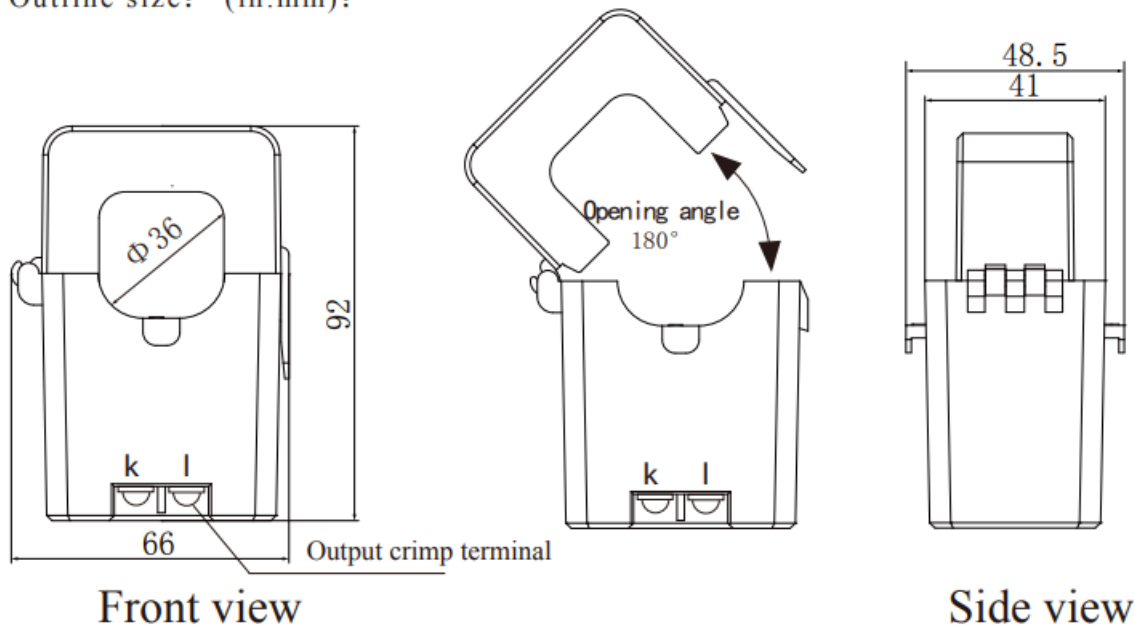


Built-in sampling resistance voltage output type Secondary doesn't allow short circuit



TVS: Transient voltage suppressor 5 A output without) Current output type Secondary doesn't allow open circuit

Outline size: (in:mm):



Documents / Resources

	YHDC SCT036TS 36mm Aperture Split Core Current Transformer [pdf] Installation Guide SCT036TS 36mm Aperture Split Core Current Transformer, SCT036TS, SCT036TS Aperture Split Core Current Transformer, 36mm Aperture Split Core Current Transformer, Aperture Split Core Current Transformer, 36mm Core Current Transformer, Core Current Transformer, Core Transformer, Current Transformer, Transformer
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