

□ 43mm × 33mm Φ Split core current transformer



Characteristic

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

Product application

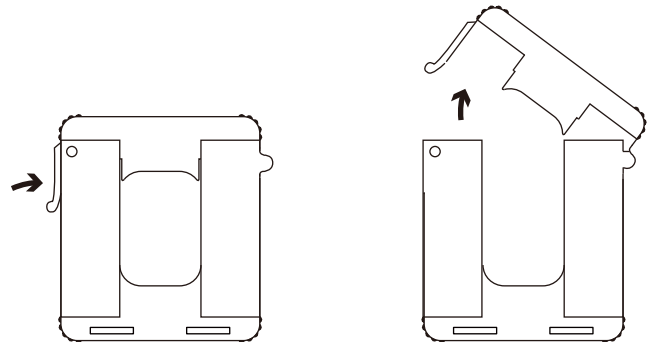
- Portable instrument
- Household metering
- Monitor motor load

Product advantage

- Small volume, light weight
- Low cost
- High turns, high precision

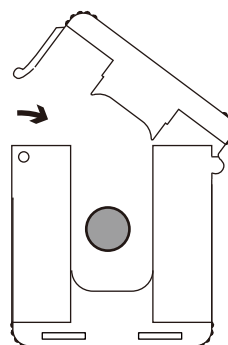
Installation diagram

Primary threading method (firing line)

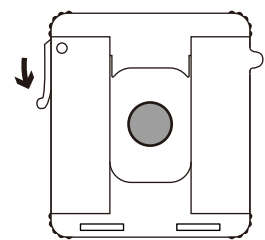


1. Loosen the card buckle

2. Open upward



3. Put in lead wire



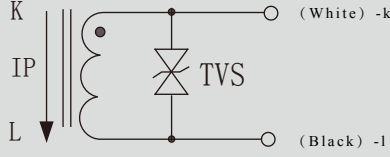
4. Fasten

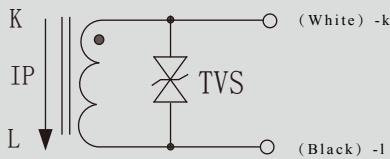
Typical technical index:

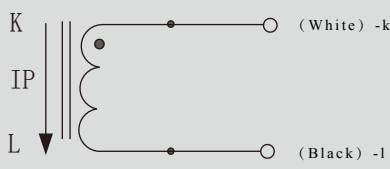
- Material of core——Silicon steel sheet
- Working voltage——Phase voltage $\leq 720V$
- Working temperature—— $-25^{\circ}C \sim +70^{\circ}C$
- Storage temperature—— $-40^{\circ}C \sim +85^{\circ}C$
- Frequency range—— $50Hz \sim 60Hz$
- Dielectric strength——output/shell AC 3.5KV/1min 5mA 50Hz
- Weight——473g

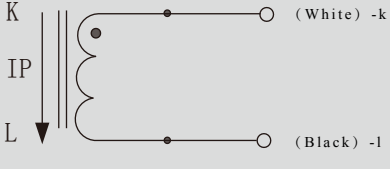
Electrical parameters (The following parameters are typical values. The actual values shall be subject to the actual measurement of the product)

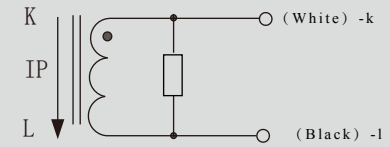
Can be customized according to user's requirements parameters

Model	Input current	Output current	Turns ratio	Accuracy	Sampling resistance	Lead wire specification/ Schematic diagram
SCT4333QL	100A	50mA	1:2000	0.5%/1%	20 Ω	Leading wire specification: 0.5mm ² black and white twisted pair length: 100cm~102cm  TVS Transient voltage suppressor(7.5V) current output type the secondary is not allowed to open
SCT4333QL	200A	50mA	1:4000	0.5%/1%	20 Ω	
SCT4333QL	300A	50mA	1:6000	0.5%/1%	20 Ω	
SCT4333QL	400A	50mA	1:8000	0.5%/1%	20 Ω	
SCT4333QL	500A	50mA	1:10000	0.5%/1%	20 Ω	
SCT4333QL	600A	50mA	1:12000	0.5%/1%	20 Ω	

Model	Input current	Output current	Turns ratio	Accuracy	Sampling resistance	Lead wire specification/ Schematic diagram
SCT4333QL	100A	0.1A	1:1000	0.5%/1%	10 Ω	Leading wire specification: 0.5mm ² black and white twisted pair length: 100cm~102cm  TVS Transient voltage suppressor(7.5V) current output type the secondary is not allowed to open
SCT4333QL	200A	0.1A	1:2000	0.5%/1%	10 Ω	
SCT4333QL	300A	0.1A	1:3000	0.5%/1%	10 Ω	
SCT4333QL	400A	0.1A	1:4000	0.5%/1%	10 Ω	
SCT4333QL	500A	0.1A	1:5000	0.5%/1%	10 Ω	
SCT4333QL	600A	0.1A	1:6000	0.5%/1%	10 Ω	

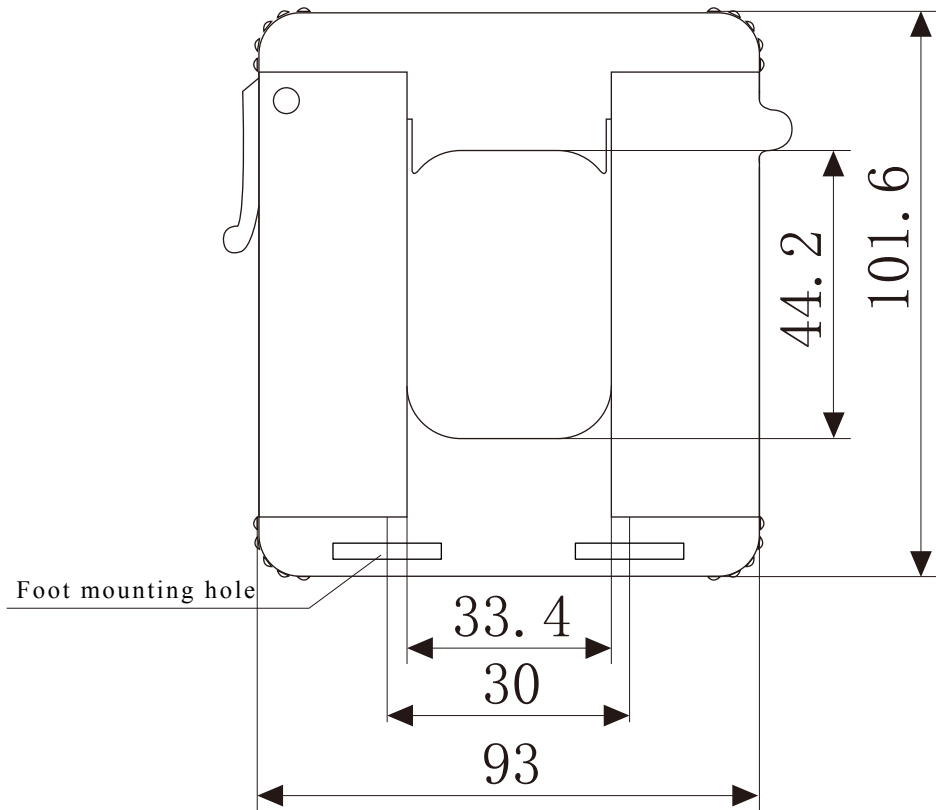
Model	Input current	Output current	Turns ratio	Accuracy	Power	Lead wire specification/ Schematic diagram
SCT4333QL	100A	1A	1:100	1%	—	Leading wire specification: 0.5mm ² black and white twisted pair length:100cm~102cm  current output type the secondary is not allowed to open
SCT4333QL	200A	1A	1:200	1%	—	
SCT4333QL	300A	1A	1:300	1%	—	
SCT4333QL	400A	1A	1:400	1%	—	
SCT4333QL	500A	1A	1:500	1%	—	
SCT4333QL	600A	1A	1:600	1%	—	

Model	Input current	Output current	Turns ratio	Accuracy	Power	Lead wire specification/ Schematic diagram
SCT4333QL	100A	5A	1:20	3%	—	Leading wire specification: 1mm ² black and white twisted pair length:100cm~102cm  current output type the secondary is not allowed to open
SCT4333QL	200A	5A	1:40	1%	—	
SCT4333QL	300A	5A	1:60	1%	—	
SCT4333QL	400A	5A	1:80	0.5%	—	
SCT4333QL	500A	5A	1:100	0.5%	—	
SCT4333QL	600A	5A	1:120	0.5%	—	

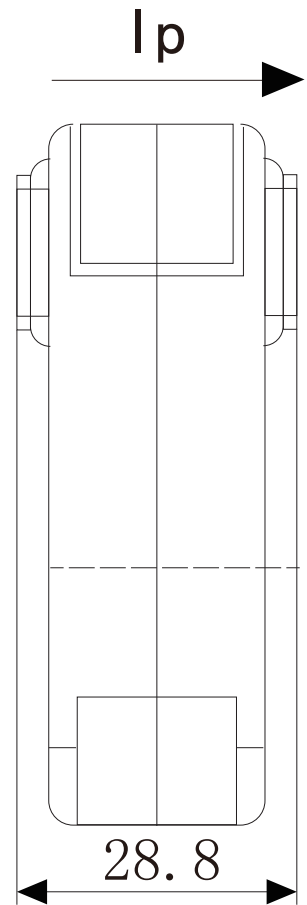
Model	Input current	Output voltage	Accuracy	Load impedance	Lead wire specification/ Schematic diagram
SCT4333QL	100A	0.333V	1%	$\geq 10K \Omega$	Leading wire specification: 0.5mm ² black and white twisted pair length:100cm~102cm  sampling resistance built-in voltage output type not allowed secondary short circuit
SCT4333QL	200A	0.333V	1%	$\geq 10K \Omega$	
SCT4333QL	300A	0.333V	1%	$\geq 10K \Omega$	
SCT4333QL	400A	0.333V	1%	$\geq 10K \Omega$	
SCT4333QL	500A	0.333V	1%	$\geq 10K \Omega$	
SCT4333QL	600A	0.333V	1%	$\geq 10K \Omega$	

Dimensions: (in:mm±0.5)

Opening and closing way: rotate the buckle type



Front view



Side view