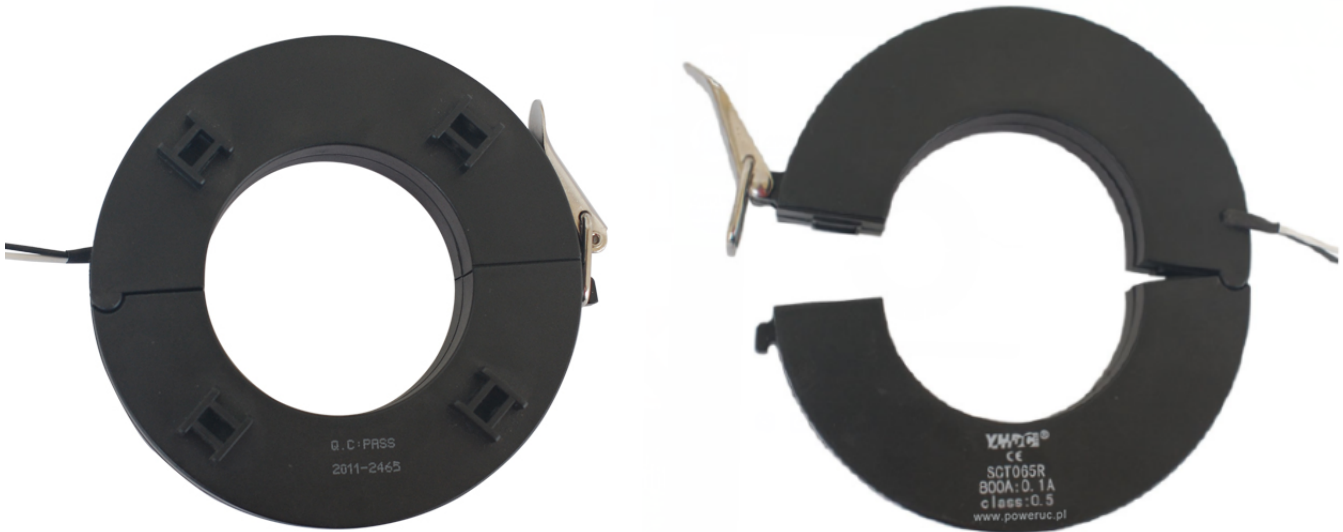


Φ65mm Aperture Split core current transformer



Characteristic

- Secure locking buckle, easy to install
- Lead wire type output
- the length can be customized
- Suspended mounting

Product application

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

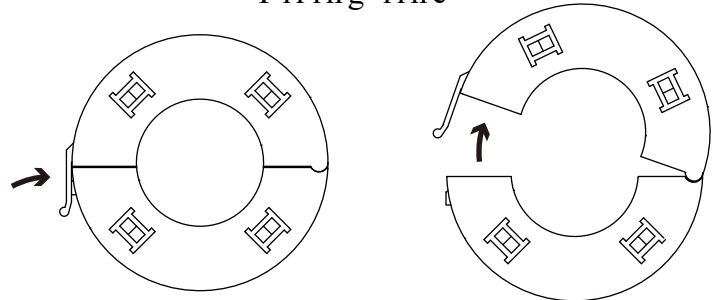
Product advantage

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

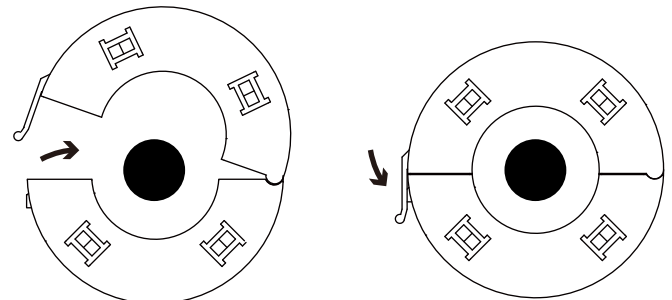
Installation diagram

Primary threading method

Firing line



1. Open the buckle 2. Open upward

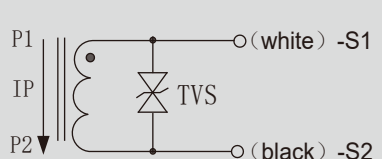


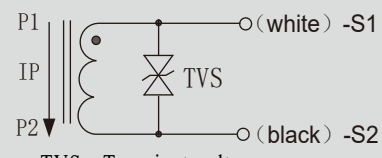
3. Put in lead wire 4. Fasten the buckle

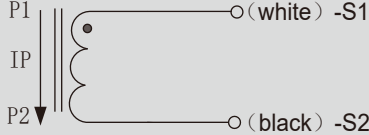
Typical technical index:

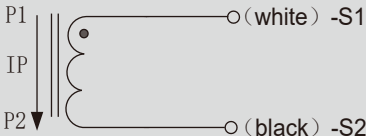
- Material of core——Laminated silicon steel
- Working voltage——Phase voltage $\leq 720V$
- Working temperature—— $-30^{\circ}C \sim +65^{\circ}C$
- Storage temperature—— $-40^{\circ}C \sim +85^{\circ}C$
- Frequency range—— $50Hz \sim 60Hz$
- Waterproof grade——IP00
- Dielectric strength——Input (bare conductor) /output AC 800V/1min 5mA 50Hz
Output/Outer shell AC 3.5KV/1min 5mA 50Hz)
- Weight———592g

Electrical parameters (The following parameters are typical values. The actual values shall be subject to the

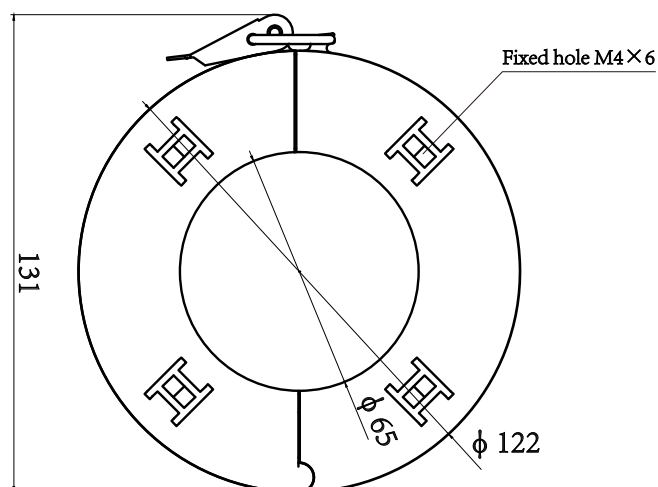
Model	Input current	Output current	Turns ratio	Accuracy	resistance	Cable specification/schematic diagram
SCT065R	300A	50mA	1:6000	0.5%	20 Ω	Specification of cable: 0.3mm² black and white parallel lines Length of cable: 145cm~150cm  TVS: Transient voltage suppressor current output type. the secondary is not allowed to open.
SCT065R	400A	50mA	1:8000	0.5%	50 Ω	
SCT065R	500A	50mA	1:10000	0.5%	50 Ω	
SCT065R	600A	50mA	1:12000	0.5%	50 Ω	
SCT065R	—	—	—	—	—	
SCT065R	—	—	—	—	—	

Model	Input current	Output current	Turns ratio	Accuracy	resistance	Cable specification/schematic diagram
SCT065R	300A	0.1A	1:3000	0.5%	10 Ω	Specification of cable: 0.3mm² black and white parallel lines Length of cable: 145cm~150cm  TVS: Transient voltage suppressor current output type. the secondary is not allowed to open.
SCT065R	400A	0.1A	1:4000	0.5%	10 Ω	
SCT065R	500A	0.1A	1:5000	0.5%	10 Ω	
SCT065R	600A	0.1A	1:6000	0.5%	10 Ω	
SCT065R	700A	0.1A	1:7000	0.5%	10 Ω	
SCT065R	800A	0.1A	1:8000	0.5%	10 Ω	

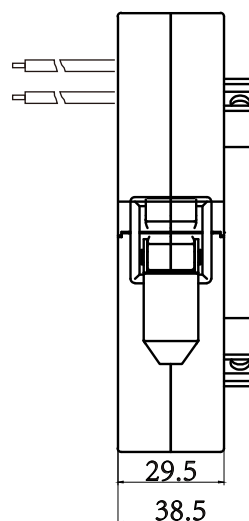
Model	Input current	Output current	Turns ratio	Accuracy	Cable specification/schematic diagram
SCT065R	300A	1A	300:1	0.5%	Specification of cable: 0.3mm ² black and white parallel lines Length of cable: 145cm~150cm  current output type. the secondary is not allowed to open.
SCT065R	400A	1A	400:1	0.5%	
SCT065R	500A	1A	500:1	0.5%	
SCT065R	600A	1A	600:1	0.5%	
SCT065R	700A	1A	700:1	0.5%	
SCT065R	800A	1A	800:1	0.5%	

Model	Input current	Output current	Turns ratio	Accuracy	Cable specification/schematic diagram
SCT065R	300A	5A	300:5	1%	Specification of cable: 1mm ² black and white twisted pair wire Length of cable: 145cm~150cm  current output type. the secondary is not allowed to open.
SCT065R	400A	5A	400:5	1%	
SCT065R	500A	5A	500:5	1%	
SCT065R	600A	5A	600:5	1%	
SCT065R	700A	5A	700:5	1%	
SCT065R	800A	5A	800:5	1%	

Dimensions: (in:mm±0.5)



Front view



Side view