

Φ23mm aperture Split core current transformer



Characteristic

- Safety lock buckle, easy installation
- Cable output
- The length can be customized
- Free hanging (In-Line) mounting

Product application

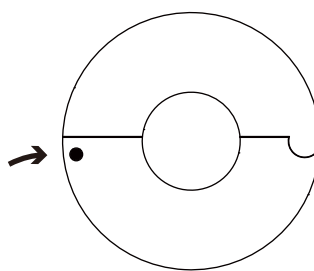
- Portable instrument
- Household metering
- Monitoring the load of machine

Product advantage

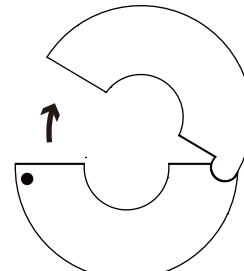
- Small volume, Light weight
- Low cost
- High turns, high precision

Installation diagram

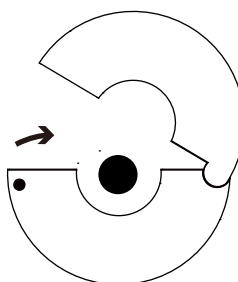
Primary threading method (firing line)



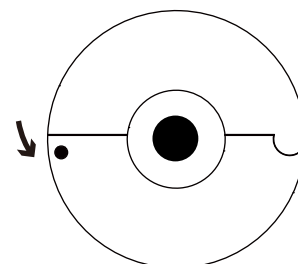
1. Open the buckle



2. Open upward



3. Put in lead wire

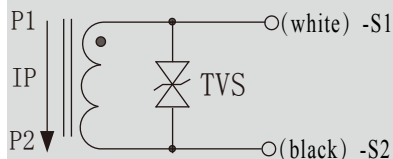


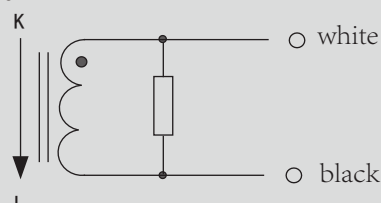
4. Fasten the buckle

Typical technical index:

- Material of core——Laminated silicon steel
- Working voltage——Phase voltage $\leq 720\text{V}$
- Working temperature—— $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- Storage temperature—— $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Frequency range—— $50\text{Hz} \sim 60\text{Hz}$
- Waterproof grade——IP00
- Dielectric strength——Input (bare conductor) /output AC 800V/1min 5mA 50Hz
output/outer shell AC 3.5KV/1min 5mA 50Hz)
- Weight——103g

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

Model	Input current	Output current	turns radio	Accuracy	Sampling resistance	Cable specification/ Schematic diagram
SCT023R	100A	50mA	1:2000	0.5%	50 Ω	Specification of cable: 0.3mm² black and white twisted pair wire Length of cable: 145cm~150cm  TVS: Transient voltage suppressor current output type the secondary is not allowed to open
SCT023R	100A	80mA	1:1250	0.5%	20 Ω	
SCT023R	100A	100mA	1:1000	0.5%	10 Ω	
SCT023R	200A	50mA	1:4000	0.5%	80 Ω	
SCT023R	200A	80mA	1:2500	0.5%	30 Ω	
SCT023R	200A	100mA	1:2000	0.5%	20 Ω	
SCT023R	300A	50mA	1:6000	0.5%	80 Ω	
SCT023R	300A	80mA	1:3750	0.5%	30 Ω	
SCT023R	300A	100mA	1:3000	0.5%	20 Ω	
SCT023R	400A	50mA	1:8000	0.5%	100 Ω	
SCT023R	400A	80mA	1:5000	0.5%	40 Ω	
SCT023R	400A	100mA	1:4000	0.5%	25 Ω	

Model	Input current	Output voltage	Accuracy	Load impedance	Cable specification/ Schematic diagram
SCT023R	50A	0.333V	0.5%/1%	$\geq 10K \Omega$	Specification of cable: 0.3mm ² black and white twisted pair wire Length of cable: 145cm~150cm  Voltage output type : built-in with sampling resistance not allowed secondary short circuit
SCT023R	100A	0.333V	0.5%/1%	$\geq 10K \Omega$	
SCT023R	200A	0.333V	0.5%/1%	$\geq 10K \Omega$	
SCT023R	300A	0.333V	0.5%/1%	$\geq 10K \Omega$	
SCT023R	400A	0.333V	0.5%/1%	$\geq 10K \Omega$	
SCT023R	600A	0.333V	0.5%/1%	$\geq 10K \Omega$	

Statement:

As our products are constantly being improved and updated, we reserve the right to modify the content of this specification at any time without prior notice.

Dimensions: (in:mm±0.5)

