

Φ23mm aperture Split core current transformer



## Characteristic

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

## Product application

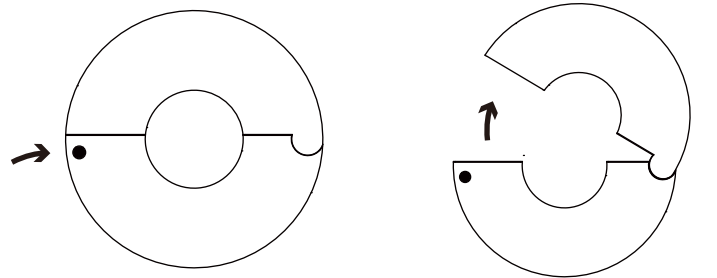
- Portable instrument
- Household metering
- Monitor motor load

## Product advantage

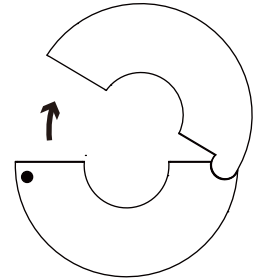
- Small volume, light weight
- Low cost
- High turns, high precision

## Installation diagram

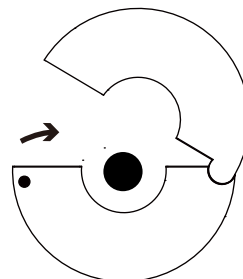
Primary threading method (firing line)



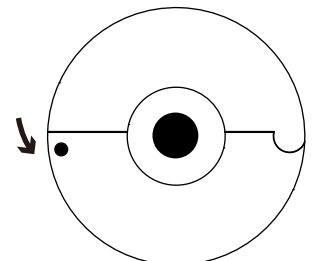
1. Open the buckle



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—— $-30^{\circ}C \sim +65^{\circ}C$
- Storage temperature—— $-40^{\circ}C \sim +85^{\circ}C$
- 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)
- Weight——103g

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

Model	Input current	Output current	turns ratio	Accuracy	Sampling resistance	Lead wire specification/ Schematic diagram
SCT023R	100A	50mA	1:2000	0.5%	50 $\Omega$	<p>Lead wire specification: AWG22 0.3mm<sup>2</sup>black and white twisted pair Length:145cm~150cm</p> <p>TVS: Transient voltage suppressor current output type the secondary is not allowed to open</p>
SCT023R	100A	80mA	1:1250	0.5%	20 $\Omega$	
SCT023R	100A	100mA	1:1000	0.5%	10 $\Omega$	
SCT023R	200A	50mA	1:4000	0.5%	80 $\Omega$	
SCT023R	200A	80mA	1:2500	0.5%	30 $\Omega$	
SCT023R	200A	100mA	1:2000	0.5%	20 $\Omega$	
SCT023R	300A	50mA	1:6000	0.5%	80 $\Omega$	
SCT023R	300A	80mA	1:3750	0.5%	30 $\Omega$	
SCT023R	300A	100mA	1:3000	0.5%	20 $\Omega$	
SCT023R	400A	50mA	1:8000	0.5%	100 $\Omega$	
SCT023R	400A	80mA	1:5000	0.5%	40 $\Omega$	
SCT023R	400A	100mA	1:4000	0.5%	25 $\Omega$	

Model	Input current	Output voltage	Accuracy	Load impedance	Lead wire specification/ Schematic diagram
SCT023R	50A	0.333V	0.5%/1%	$\geq 10K \Omega$	<p>Voltage output type : built-in with sampling resistance not allowed secondary short circuit</p> <p>AWG22(0.3mm<sup>2</sup>) black and white twisted pair, length 1.48m</p>
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)**

