

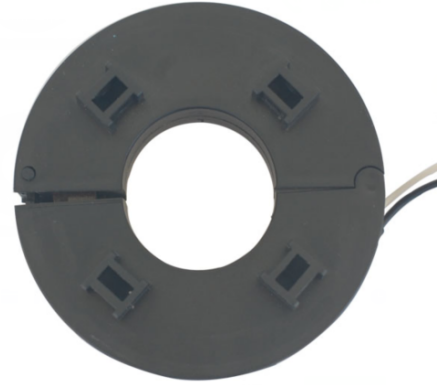
Φ32mm Aperture Split core current transformer



Front view



Opening view



Bottom view

Product features

- 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

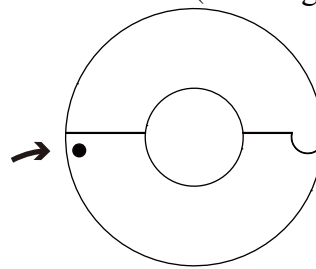
Product advantage

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

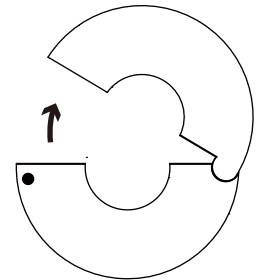
Installation diagram

Primary threading method

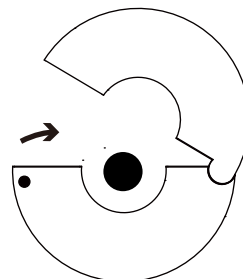
(Firing line)



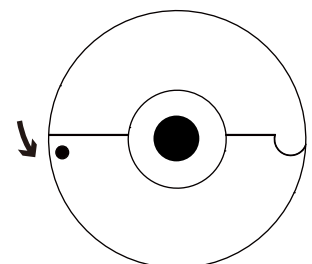
1. Open the buckle



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———220g

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

Model	Input current	Output voltage	Load resistance	Accuracy	sampling resistance	Lead specification/schematic diagram
SCT032R	100A	50mA	1:2000	0.5%	100 Ω	<p>Leading wire specification: AWG22 0.3mm² Black and white twisted pair</p> <p>lead length : 145cm~150cm</p> <p>TVS: Transient voltage suppressor</p> <p>current output type. the secondary is not allowed to open.</p>
SCT032R	100A	100mA	1:1000	0.5%	50 Ω	
SCT032R	200A	50mA	1:4000	0.5%	150 Ω	
SCT032R	200A	100mA	1:2000	0.5%	80 Ω	
SCT032R	300A	50mA	1:6000	0.5%	150 Ω	
SCT032R	300A	100mA	1:3000	0.5%	80 Ω	
SCT032R	400A	50mA	1:8000	0.5%	150 Ω	
SCT032R	400A	100mA	1:4000	0.5%	80 Ω	
SCT032R	500A	100mA	1:5000	0.5%	80 Ω	
SCT032R	500A	200mA	1:2500	0.5%	20 Ω	
SCT032R	600A	100mA	1:6000	0.5%	100 Ω	
SCT032R	600A	200mA	1:3000	0.5%	25 Ω	

Model	Input current	Output voltage	Accuracy	Load impedance	Lead specification/schematic diagram
SCT032R	100A	0.333V	0.5%/1%	$\geq 10K \Omega$	<p>Voltage output type : Built-in with sampling resistance Voltage output type : not allowed secondary short circuit. AWG22(0.3mm²) black and white twisted pair, leads to 1.48m</p>
SCT032R	200A	0.333V	0.5%/1%	$\geq 10K \Omega$	
SCT032R	300A	0.333V	0.5%/1%	$\geq 10K \Omega$	
SCT032R	500A	0.333V	0.5%/1%	$\geq 10K \Omega$	
SCT032R	600A	0.333V	0.5%/1%	$\geq 10K \Omega$	

Noted: The rated current $\leq 400A$ are the standard product

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.

Outline size: (in:mm \pm 0.5)

