

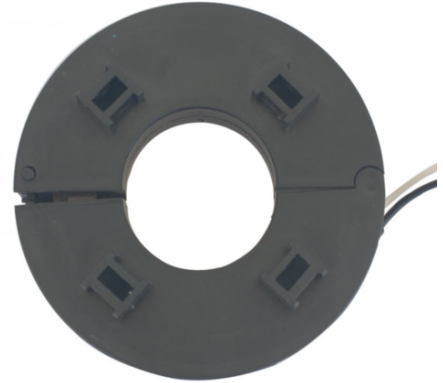
Φ32mm Aperture Split core current transformer



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

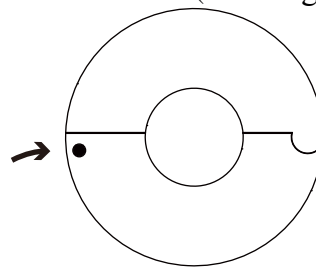
Product advantage

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

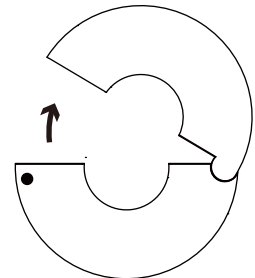
Installation diagram

Primary threading method

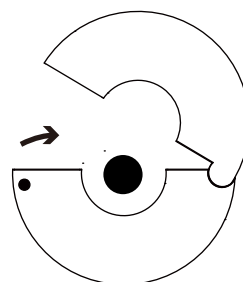
(Firing line)



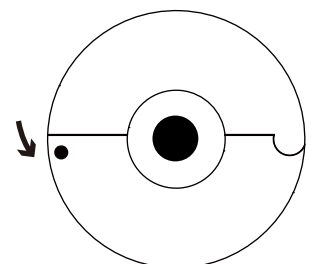
1. Open the buckle



2. Open upward



3. Put in lead wire

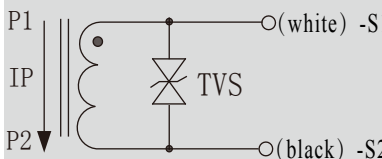


4. Fasten the buckle

Typical technical index:

- Material of core——Silicon steel sheet
- Working voltage——Phase voltage $\leq 720\text{V}$
- Working temperature—— $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- Storage temperature—— $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Frequency range—— $50\text{Hz} \sim 60\text{Hz}$
- Dielectric strength——Input (bare conductor) /output AC $800\text{V}/1\text{min } 5\text{mA } 50\text{Hz}$
Output/Outer shell AC $3.5\text{KV}/1\text{min } 5\text{mA } 50\text{Hz}$)
- Weight———220g

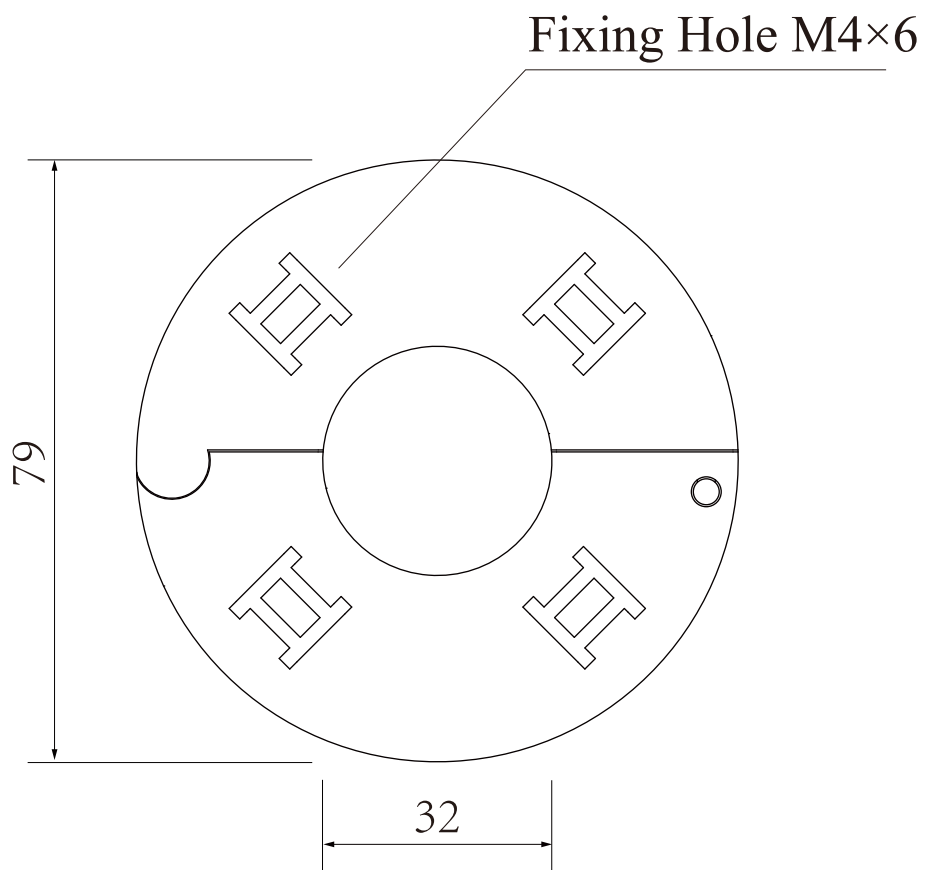
Electrical parameters The following parameters are typical values. The actual values shall be subject to the actual measurement of the product)

Model	Input current	Output voltage	Load resistance	Accuracy	sampling resistance	Lead specification/schematic diagram
SCT032R	100A	50mA	1:2000	0.5%	100 Ω	Leading wire specification: AWG22 0.3mm^2 Black and white twisted pair lead length: 145cm~150cm  TVS: Transient voltage suppressor current output type. the secondary is not allowed to open.
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	

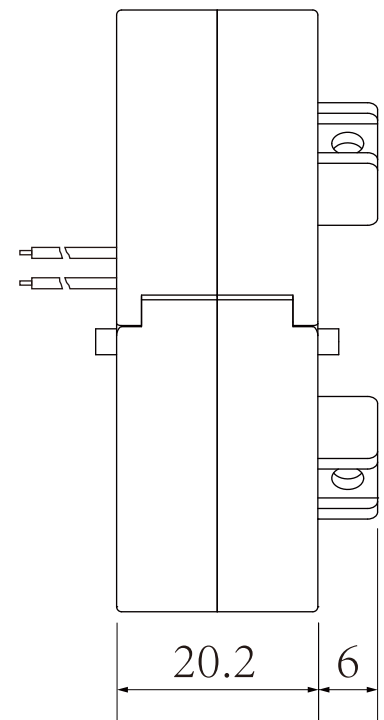
statement:

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)



Front view



Side view