

Φ100mm Aperture Split core current transformer



Front view



Opening view

Characteristic

- Opening and closing structure
- Easy installation
- Cable output
- Plate mounting

Product application

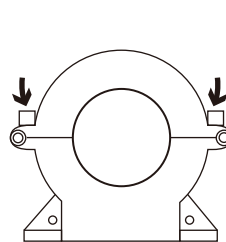
- Portable instrument
- Household metering
- Monitor motor load

Product advantage

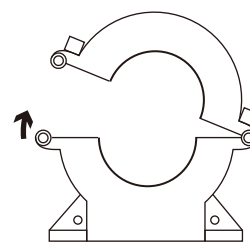
- Economic and practical
- Improve efficiency
- High cost performance

Installation diagram

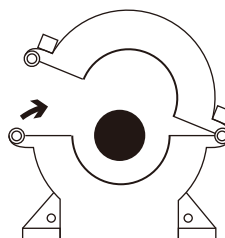
Primary threading method



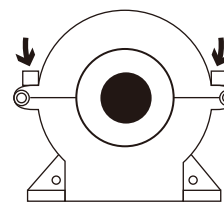
1. Unscrew the screw



2. Open up



3. In the lead



4. Buckle and screw

Typical technical index:

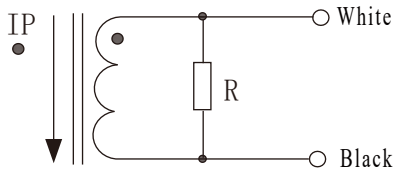
- Material of core——Laminated silicon steel
- Working voltage——Phase voltage $\leq 720V$
- Working temperature—— $-20^{\circ}C \sim +60^{\circ}C$
- Storage temperature—— $-25^{\circ}C \sim +65^{\circ}C$
- Frequency range—— $50Hz \sim 60Hz$
- Waterproof grade——IP00
- Dielectric strength——output (outputbare conductor) AC 3.5KV/1min 5mA 50Hz
- Weight——1070g

Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Can be made according to user requirements parameters

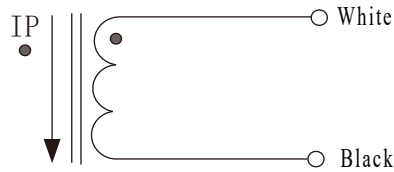
	Input current A	Output current A	Rated output power VA			number of turns
			0.5grade	1grade	3grade	
1A Output	200A	1A	1.5	2.5	3.75	1
	500A	1A	1.5	3.75	5	1
	1000A	1A	5	7.5	10	1
	1500A	1A	5	10	15	1
	2000A	1A	7.5	10	15	1
	2500A	1A	7.5	10	15	1
	3000A	1A	7.5	10	15	1
5A Output	500A	5A	1.5	2.5	3.75	1
	800A	5A	2	3.75	7.5	1
	1000A	5A	3.75	5	10	1
	1500A	5A	5	10	20	1
	2000A	5A	7.5	10	20	1
	2500A	5A	10	15	25	1
	3000A	5A	10	15	25	1
	Input current A	Output voltage V	Accuracy %	Sampling resistor Ω	Load resistance K Ω	number of turns
0.333V Output	200A	0.333V	1%	built-in	>10K Ω	1
	500A	0.333V				
	1000A	0.333V				
	1500A	0.333V				
	2000A	0.333V				
	2500A	0.333V				
	3000A	0.333V				

Schematic diagram:



Voltage output type

Secondary is not allowed
to short circuit



Current output type

secondary is not allowed
to open circuit

Cable:

Lead Specifications:

0.3 mm² black and white parallel lines

0.5 mm² black and white parallel lines

1 mm² black and white twisted pair

Lead Length: 1 m

Instructions:

- 1.Primary threading direction: mark by arrow
- 2.Secondary output direction: white line → black line

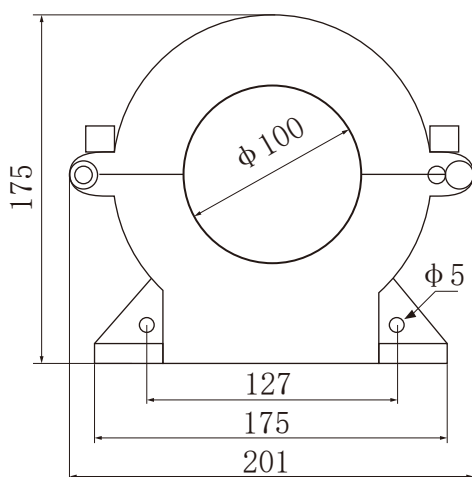
Note:

For the 0.333V output, use a 0.3 mm² black-and-white parallel lines.

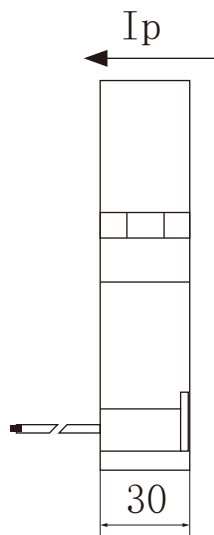
For the 1A output, use a 0.5 mm² black-and-white parallel lines.

For the 5A output, use a 1 mm² black-and-white twisted pair.

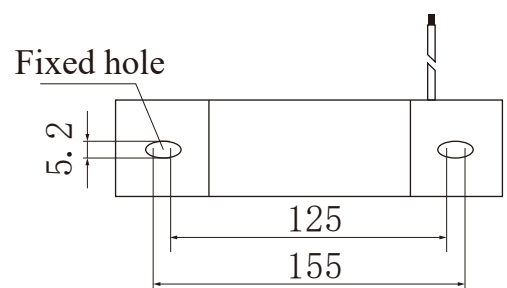
Dimension (in mm±0.5) :



Front view



Side view



Bottom view