



YHDC SCT025B Split Core Current Sensor Transformer Instruction Manual

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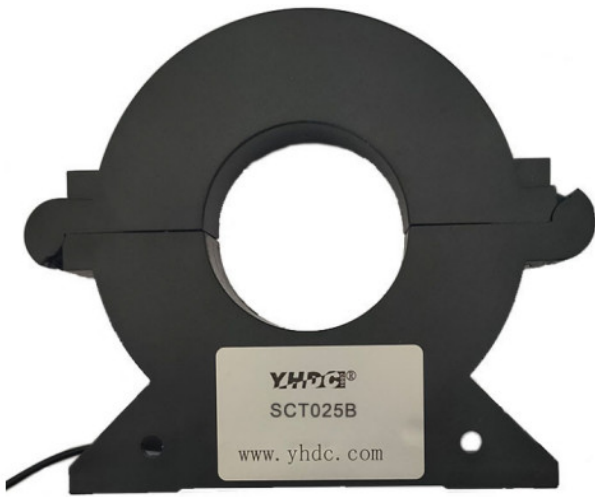
SCT025B Split Core Current Sensor Transformer Instruction Manual

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SCT025B Split Core Current Sensor Transformer

Φ25mmAperture Split core current transformer



Front view



Opening view

Characteristic

- Opening and closing structure
- easy for installation
- Lead output
- Plate mounting

Product application

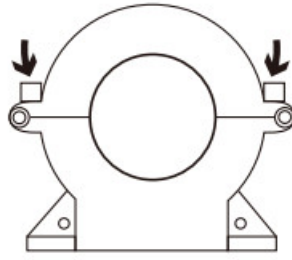
- Portable instrument
- Household metering
- Monitor motor load

Product advantage

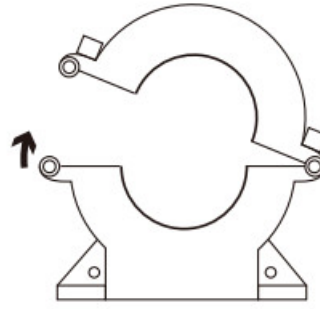
- Economic and practical
- Improve efficiency
- High cost performance

Installation diagram

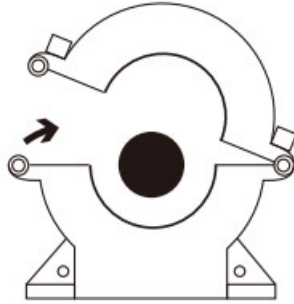
Primary threading method



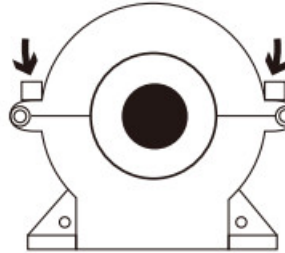
1. Unscrew the screw



2. Open up



3. In the lead



4. Buckle and screw

Typical technical index

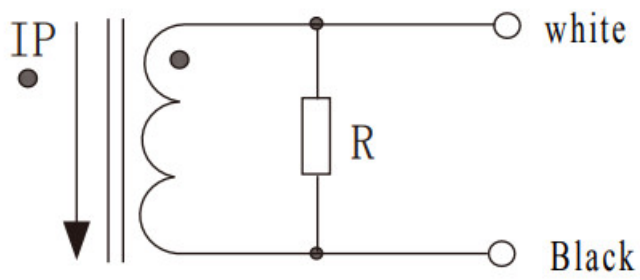
- Material of core——Silicon steel sheet
- Working voltage——Phase voltage $\leq$ 720V
- Working temperature—— -20°C $+60^{\circ}\text{C}$
- Storage temperature—— -25°C $+65^{\circ}\text{C}$
- Frequency range——50Hz 60Hz
- Dielectric strength——output outputbare conductor AC 3.5KV/1min 5mA 50Hz
- Weight——204g

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
			0.5 grade	1 grade	3 grade	5 grade	
1A Output	50A	1A	1	1	2		1
	100A	1A	1.5	1.5	2.5		1
	200A	1A	2	2.5	5		1
	300A	1A	2.5	3.75	7.5		1
	400A	1A		3.75	7.5		1
5A Output	100A	5A		—	2	—	1
	200A	5A		1.5	3.75		1
	300A	5A	1.5A	2.5A	3.75		1
0.333V Output	50A	0.333V	1 %	built-in	10 KΩ	1	
	100A	0.333V					
	200A	0.333V					
	300A	0.333V					
	400A	0.333V					

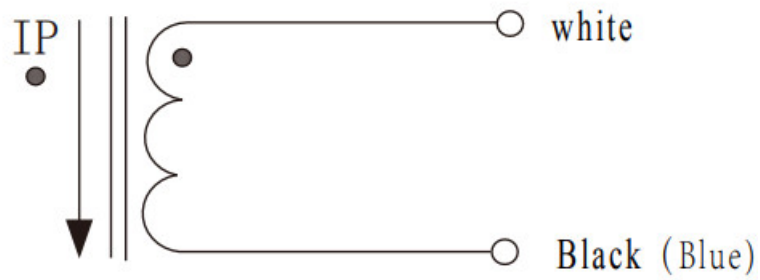
Wiring diagram

0.3mm² Black and white twisted pair



Voltage output type

Secondary are not allowed to short circuit



Current output type

secondary is not allowed to open the way

Cable

Lead specification

0.3mm² Black and white twisted pair wire

0.5mm² Black and white twisted pair wire

1.5mm² Blue and white soft wire

Lead color white Black(Blue)

Lead length 1m

Instructions

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

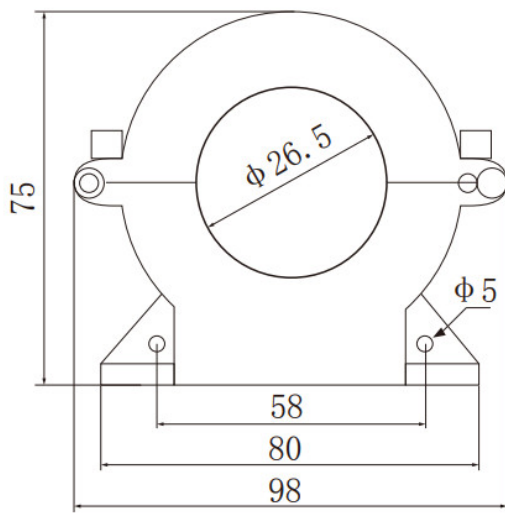
Note:

0.333V Output is 0.3mm² Black and white twisted pair

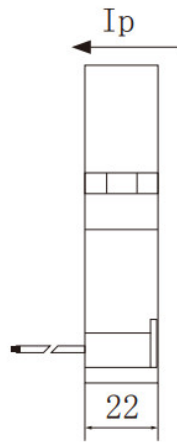
1A Output is 0.5mm² Black and white twisted pair

100/5~300/5 is 1.5mm² Black and white twisted pair

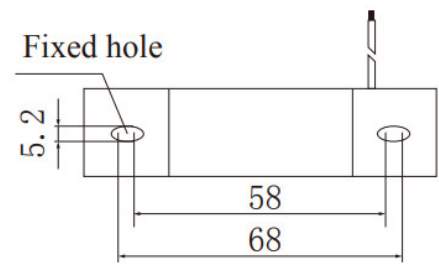
Outline size: (in:mm)



Front view



Side view



Bottom view

www.poweruc.pl

Documents / Resources

	YHDC SCT025B Split Core Current Sensor Transformer [pdf] Instruction Manual SCT025B Split Core Current Sensor Transformer, SCT025B, Split Core Current Sensor Transformer, Core Current Sensor Transformer, Current Sensor Transformer, Sensor Transformer, Transformer
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