



YHDC SCT010TL-D Split Core Current Transformer Instruction Manual

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SCT010TL-D
Instruction Manual

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SCT010TL-D Split Core Current Transformer

Φ10mmAperture Dc voltage output Split core current transformer



Front view



Opening view



Bottom view

Characteristic

- Safety lock clasp, easy to install
- Built-in rectifier
- Lead output
- Mounted mounting

Product application

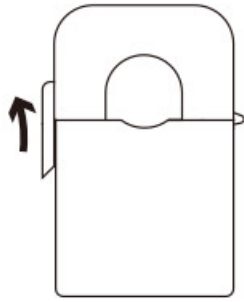
- Portable instrument
- Household metering
- Monitor motor load

Product advantage

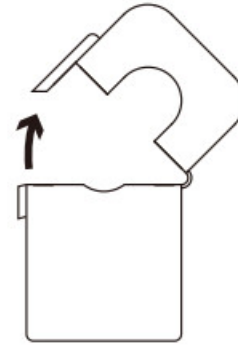
- Economic and practical
- Improve efficiency
- High cost performance

Installation diagram

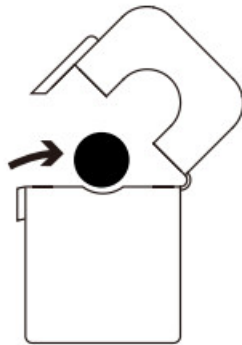
Primary threading method Live wire



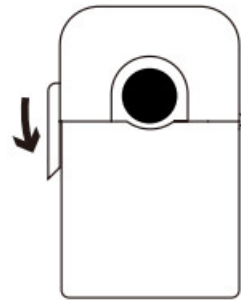
1. Open the buckle



2. Open upward



3. In the lead



4. Fasten the buckle

Typical technical index

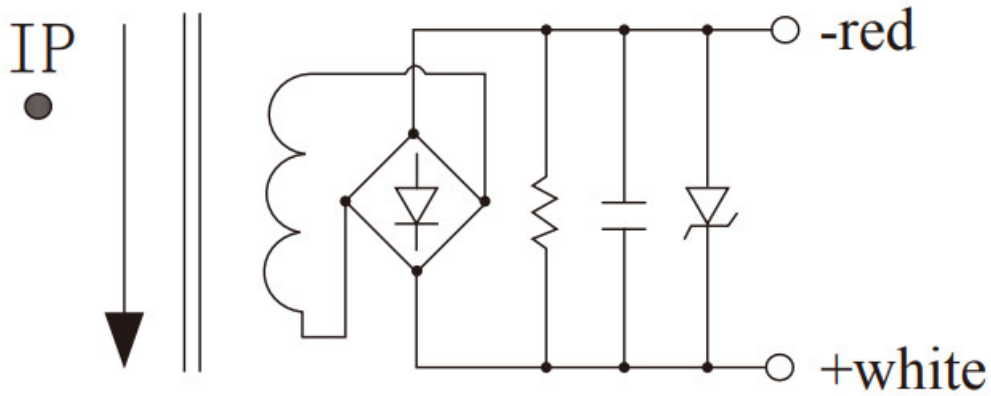
- Material of core—Ferrite
- Working voltage—Phase voltage $\leq$ 720V
- Working temperature— -25°C $+60^{\circ}\text{C}$
- Storage temperature— -30°C $+90^{\circ}\text{C}$
- Frequency range—50Hz 1KHz
- Dielectric strength—Input bare conductor /output AC 800V/1min 5mA 50Hz Output/Outer shell AC 3.5KV/1min 5mA 50Hz
- Weight—45g

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

	Input current A/AC	Output voltage V/DC	Accuracy %	Sampling resis tor Ω	Number of tur ns
1V Output	5A	1V	2%	built-in	1
	10A	1V			
	20A	1V			
	30A	1V			
	50A	1V			
	80A	1V			
	100A	1V			
3V Output	5A	3V	2%	built-in	1
	10A	3V			
	20A	3V			
	30A	3V			
	50A	3V			
	80A	3V			
	100A	3V			
5V Output	5A	5V	2%	built-in	1
	10A	5V			
	20A	5V			
	30A	5V			
	50A	5V			
	80A	5V			
	100A	5V			

*Parameters can be customized according to user requirements

Wiring schematic diagram:



Voltage output type

Secondary are not allowed to short circuit

Cable

Lead specification

2*0.2mm²Two core shield wire

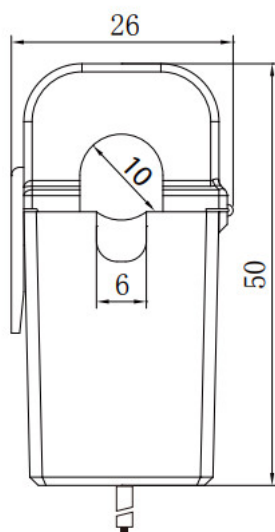
Lead length 1m

Lead color: white, red

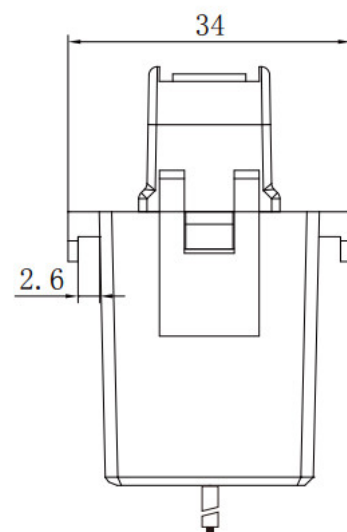
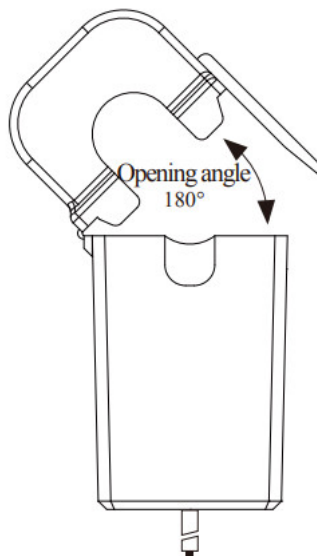
Instructions:

1. Primary threading direction: mark by arrow
2. Secondary output direction: white red

Outline size (in:mm)



Front view



Side view

www.poweruc.pl

