



# PowerUC PSTT036 Split Core Current Transformer Installation Guide

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PSTT036

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## PSTT036 Split Core Current Transformer

Φ36mm Aperture Split core current transformer With electricity, temperature measurement function.



### Product features

- Opening and closing structure
- simple installation
- Puncture of their
- Temperature monitoring

### Product application

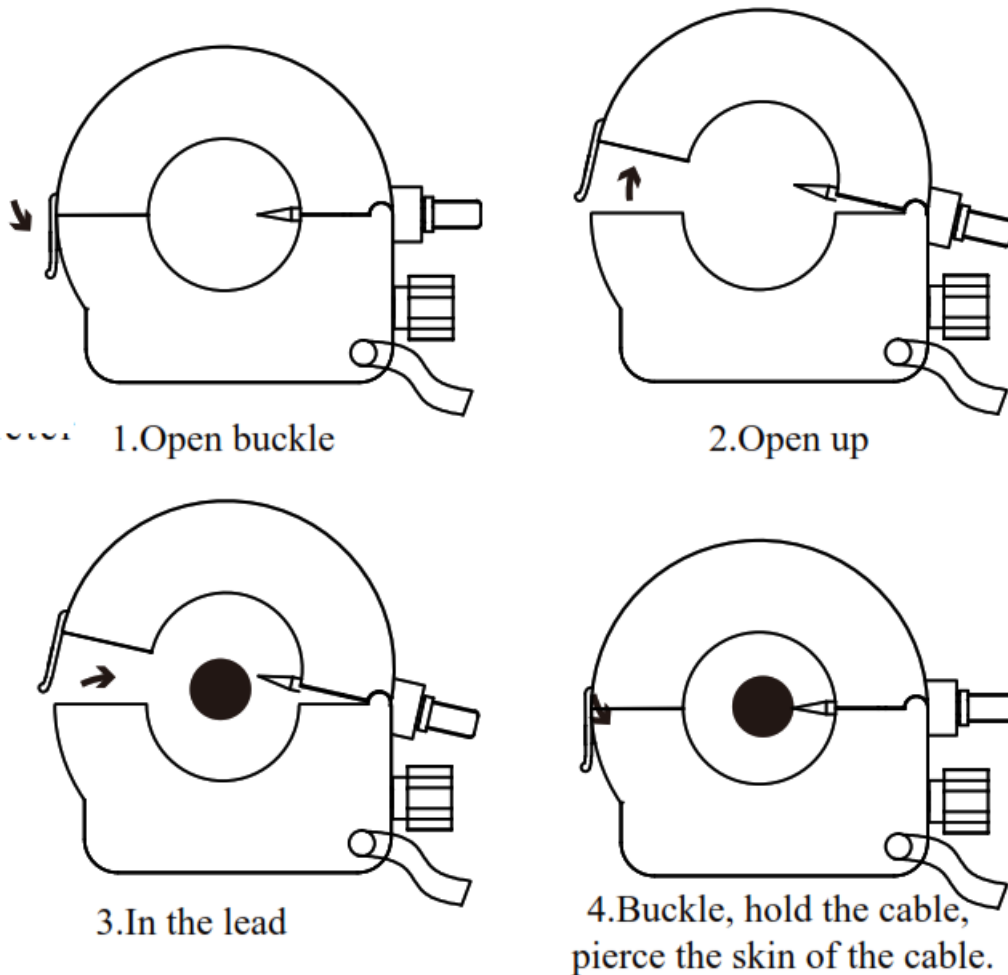
- Electric instrument and meter
- Electronic multifunction meter
- Check instrument

### Product advantage

- Economic and practical
- Improve efficiency
- High cost performance

### Installation diagram

### One pass threading method



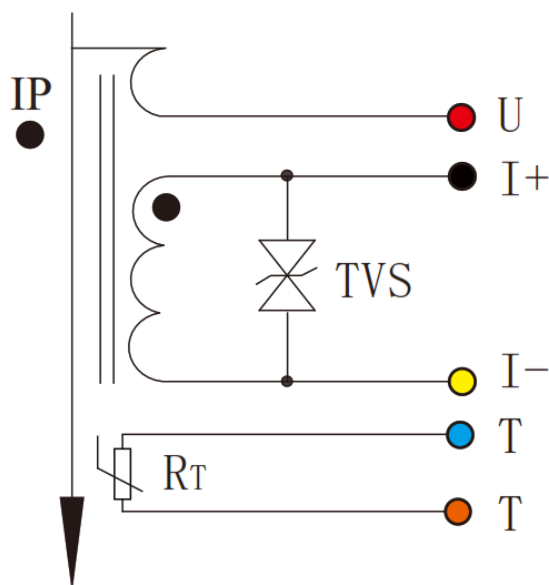
### Typical technical index

- Material of core——Nanocrystalline
- Work voltage——Phase voltage $\leq$ 720V
- Operating temperature—— $-30^{\circ}\text{C}$   $+75^{\circ}\text{C}$
- Storage temperature—— $-40^{\circ}\text{C}$   $+85^{\circ}\text{C}$
- Work frequency——20Hz 20KHz
- Dielectric strength——Output/shell AC 3.5KV/1min 5mA 50Hz
- weight—— g

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

Rated input41C100A								Can be made according to user requirements parameters
		200A	300A	-100A	500A	600A		
Rated output	0. IA	O. IA	O. IA	O. IA	0. IA	0. IA		
Turns ratio _j 1:1000		1:2000	1:3000	1:4000	1:5000	1:6000		
Accuracy	0.			5%				
Sampling resistance	100 Q 10K Q ± 1% (25°C)							B25'C'/50t: 3,950K ±1% (B value)
Temperature sensor parameters								
Fetch parameter	110V/22 OV/38 OV							Take electricity can only be used as a measure the voltage puncture, cannot be used to take to, otherwise accident may occur
Current output line	<div></div> <div>Black: I+ Yellow: F</div>							
Take the output line	Red: Voltage U							
Temperature output line	Blue : temperature Oran2e: temperatureT T							

### Schematic Diagram



Cable



Diameter 6mm

Pressure 2KV/0.5mA/1min

Temperature -30°C~+80°C

Leading wire specification Five core shielding wire color of lead wire Red Black Yellow Blue Orange

Red-0.2mm²

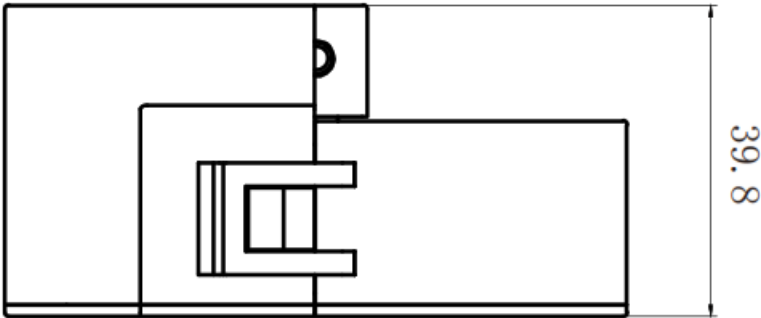
Black-0.1mm²

Yellow-0.1mm²

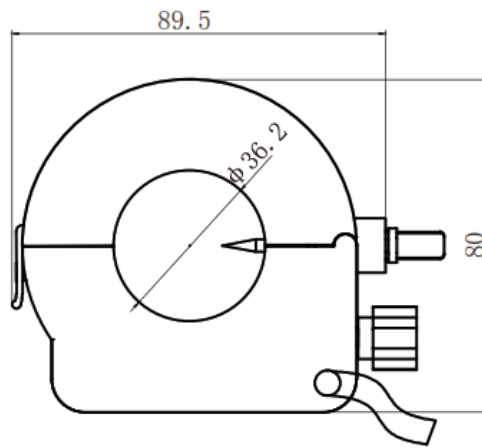
Blue-0.1mm²

Orange-0.1mm²

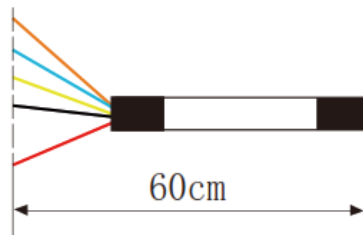
Dimensions(in mm±0.5



Color	Define
Red	voltage U
Black	current I+
Yellow	current I-
Blue	Temperature T
Orange	Temperature T



Front view



Lead set of heat shrinkable  
tube on both ends

#### Instructions for use

1. According to the connection mode of correct connection
2. The direction shown by the arrow is positive
3. Full hole measurement, the best effect
4. Faulty wiring can lead to product damage and output uncertainty

#### Safe operation:

- Please read this specification carefully before use.
- Need to replace product, please be sure to take insulating gloves, remove all the splice of the connected with.
- If found shell, devices attached to the fixed parts, wire, or have any damaged, please immediately deal with hidden dangers.
- If there is any doubt about the safe operation of the equipment, the equipment and the corresponding accessories should be closed immediately, and the fastest time for troubleshooting.

#### Proclamations

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.

