

# Solid core power distribution current transformer



Front view



Quantity\*4

Sub-plate mounting

Accessories drawing



Quantity\*2

Platen mounting

Accessories drawing

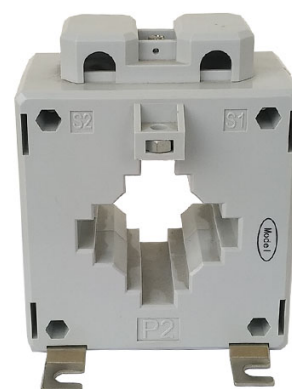
## Product features

- Through cable or copper row
- Terminal output
- Platen mounting (default)/Sub-plate mounting (optional)

## Product application

Current measurement, monitoring and protection of:

- AC motor
- Lighting device
- Complete cabinet
- Industrial network
- Air compressors



Sub-plate mounting



Platen mounting

## Product advantage

- Economical and practical, improve efficiency
- The terminal design has sufficient safety distance at both ends
- The end cap is a buckled structure with high mechanical strength
- Available in a variety of sizes (other models in the same series)

### Typical technical index:

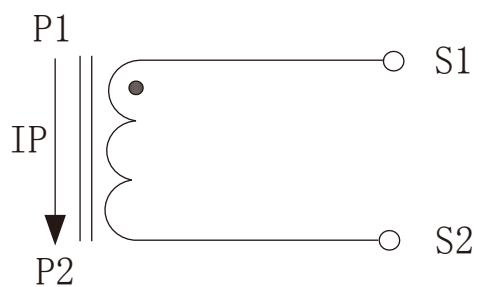
- Material of core——Laminated silicon steel
- Working voltage——Phase voltage  $\leq 720V$
- Working temperature—— $-20^{\circ}C \sim +85^{\circ}C$
- Storage temperature—— $-25^{\circ}C \sim +90^{\circ}C$
- Frequency range—— $50Hz \sim 60Hz$
- Fair resistance——UL94-V0
- Dielectric strength——Output/Outer shell AC 6KV/1min 5mA 50Hz
- Weight--613g

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

### Can be customized parameters

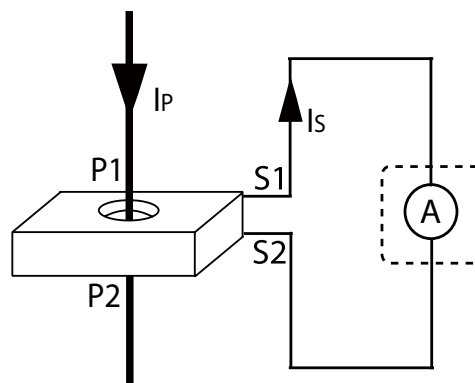
|                | Input current |      | Output current |           | Rated output powerVA |           |         | Number of turns |
|----------------|---------------|------|----------------|-----------|----------------------|-----------|---------|-----------------|
|                | A             | A    | 0.2S grade     | 0.2 grade | 0.5S grade           | 0.5 grade | 1 grade |                 |
| 0.1A<br>Output | 400A          | 0.1A | —              | 30        | —                    | 30        | 30      | 1               |
|                | 500A          | 0.1A | —              | 30        | —                    | 30        | 30      | 1               |
|                | 600A          | 0.1A | —              | 30        | —                    | 30        | 30      | 1               |
|                | 750A          | 0.1A | —              | 30        | —                    | 30        | 30      | 1               |
|                | 800A          | 0.1A | —              | 30        | —                    | 30        | 30      | 1               |
|                | 1000A         | 0.1A | —              | 30        | —                    | 30        | 30      | 1               |
| 1A<br>Output   | 300A          | 1A   | 1.5            | 1.5       | 2.5                  | 7.5       | 10      | 1               |
|                | 400A          | 1A   | 5              | 7.5       | 5                    | 12.5      | 15      | 1               |
|                | 500A          | 1A   | 5              | 7.5       | 5                    | 15        | 20      | 1               |
|                | 600A          | 1A   | 7.5            | 10        | 7.5                  | 15        | 20      | 1               |
|                | 750A          | 1A   | 7.5            | 10        | 7.5                  | 15        | 20      | 1               |
|                | 800A          | 1A   | 10             | 12.5      | 10                   | 20        | 30      | 1               |
|                | 1000A         | 1A   | 12.5           | 20        | 12.5                 | 30        | 30      | 1               |
| 5A<br>Output   | 300A          | 5A   | 1.5            | 1.5       | 2.5                  | 7.5       | 10      | 1               |
|                | 400A          | 5A   | 5              | 7.5       | 5                    | 12.5      | 15      | 1               |
|                | 500A          | 5A   | 5              | 7.5       | 5                    | 15        | 20      | 1               |
|                | 600A          | 5A   | 7.5            | 10        | 7.5                  | 15        | 20      | 1               |
|                | 750A          | 5A   | 7.5            | 10        | 7.5                  | 15        | 20      | 1               |
|                | 800A          | 5A   | 10             | 12.5      | 10                   | 20        | 30      | 1               |
|                | 1000A         | 5A   | 12.5           | 20        | 12.5                 | 30        | 30      | 1               |
|                | 1200A         | 5A   | 12.5           | 20        | 12.5                 | 30        | 30      | 1               |

Schematic diagram:

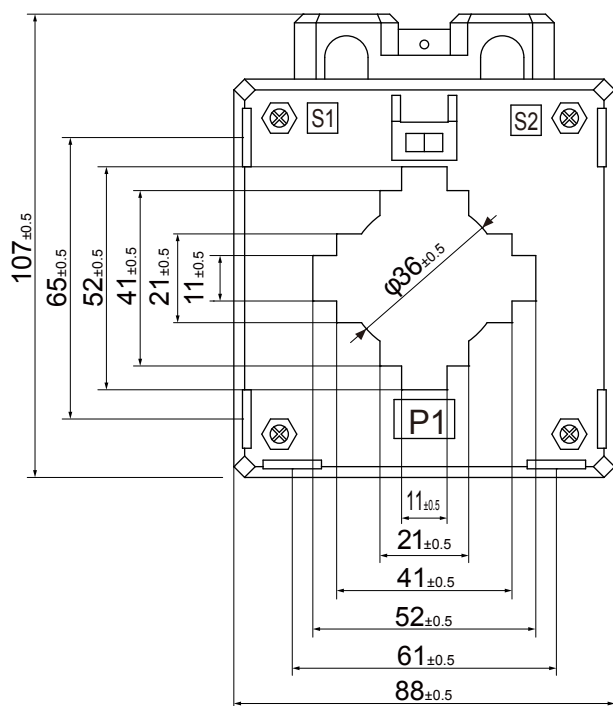


Current output type

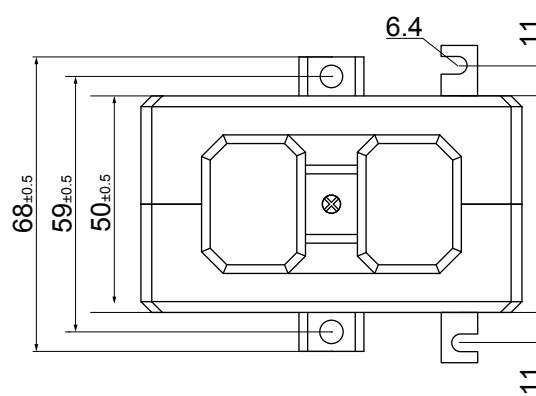
Secondary doesn't allow open circuit



Dimensions: (in:mm  $\pm 0.5$ )



Front view



Bent lug size view