

## Split core current transmitter

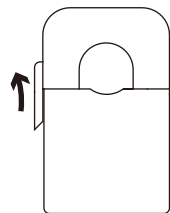
Split core、suspension indtallation, terminal output, Detect AC current. High insulation between primary and secondary circuits.



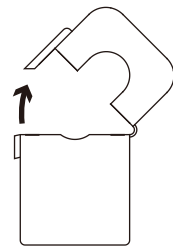
## Installation diagram

### Product features

- Light weight
- Low power consumption
- Good linearity
- No insertion loss
- Fast response time
- Good anti-interference ability



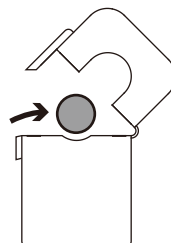
1. Loosen the card buckle



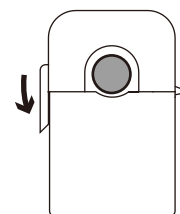
2. Open up

### Product application

- Railway
- Metallurgical
- Welding machine
- Robot
- Motor
- Inverter power supply
- Variable frequency governor
- Uninterrupted power supply and communication power supply



3. In the lead



4. Fasten card buckle

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

**Remarks**

Rated input	300A	400A	500A	600A	Standard input
Input measurement range	360A	480A	600A	720A	Default is 1.2 times the input rating
Rated output	4-20mA				*Cannot do 0-20mA; 0 to 5 V. From 1 to 5V. 0 to 10V
Accuracy	1%				
Linearity	0.5%				
Supply voltage ( $\pm 5\%$ )	+12V / +24V				One or the other    Supply voltage range $\pm 5\%$
Current consumption	$\leq 25\text{mA}$				Reference will be subject to the measured
Load impedance	250 $\Omega$ (Typification)				
Zero offset voltage	$\pm 0.08\text{mA}$				TA=25 °C
Response time	$\leq 200\text{mS}$				Reference will be subject to the measured
weight	313g				Reference will be subject to the measured
Operating temperature	-20 ~ +70 °C				
Storage temperature	-25 ~ +70 °C				
Band width	50~400Hz				
Delectric strength	2.5KV 50Hz 1min				

### Instruction for use:

- 1.Connect the wires correctly according to the marked connection mode
- 2.With hole measurement, response time and following the speed for the best
- 3.Faulty wiring can lead to product damage and output uncertainty

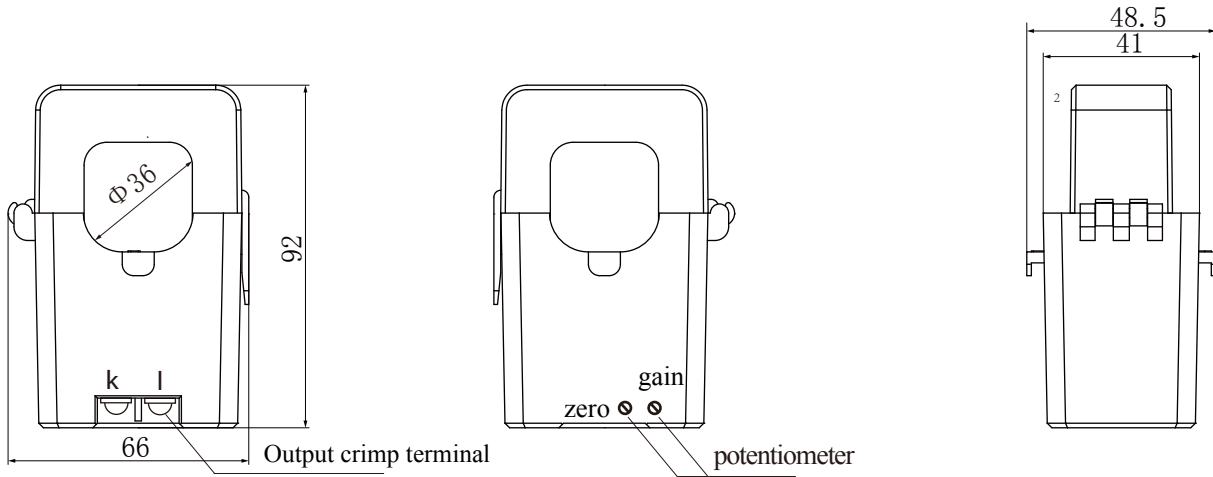
### Safe operation:

- \*Please read this specification carefully before use.
- \*When you need to move the product, please be sure to disconnect the power and all the connected cables.
- \*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.

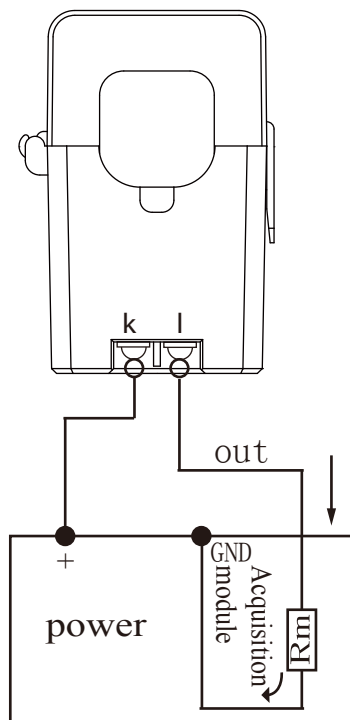
### Proclamations:

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.

Dimensions(in mm±0.5) :



Wiring diagram:



## Terminal definition:

K: +V  
L: out

- ※①The auxiliary power supply with ripple small ( $\leq 20\text{mV}$ ) is selected  
 ②Switch on auxiliary power  
 ③Auxiliary power is connected to the transmitter  
 ④Transmitter detects the primary current