

Split core current transmitter

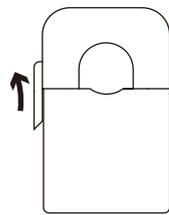
Split core, suspension installation, terminal output, Detect AC current. High insulation between primary and secondary circuits.



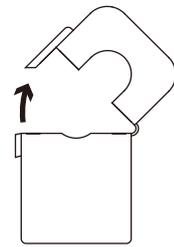
Installation diagram

Product features

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



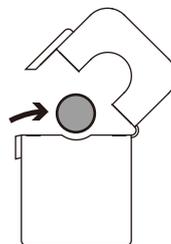
1. Loosen the card buckle



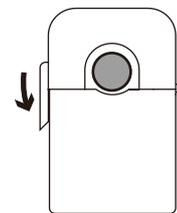
2. Open up

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	10A	20A	50A	100A	Standard input
Input measurement range	11A	22A	55A	110A	Default is 1.1 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				alternative Supply voltage range $\pm 5\%$
Current consumption	$\leq 25\text{mA}$				Reference will be subject to the measured
Load impedance	250 Ω (Typification)				
Zero offset voltage	$\pm 0.08\text{mA}$				TA=25 $^{\circ}\text{C}$
Response time	$\leq 200\text{ms}$				Reference will be subject to the measured
weight	73g				Reference will be subject to the measured
Operating temperature	-20 \sim +70 $^{\circ}\text{C}$				
Storage temperature	-25 \sim +70 $^{\circ}\text{C}$				
Band width	25~1KHz				
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

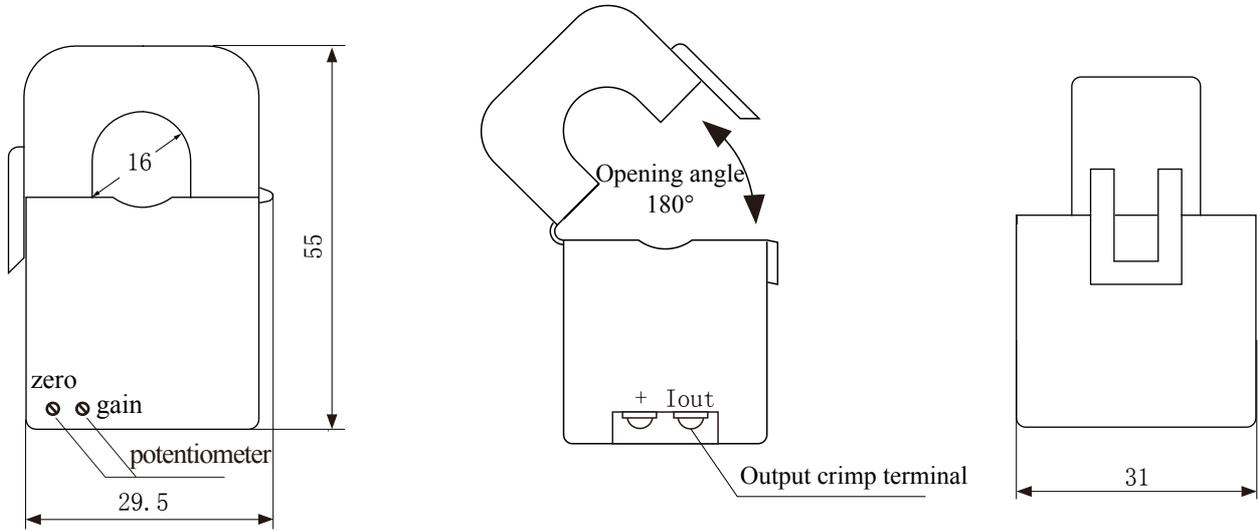
Safe operation:

- *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.

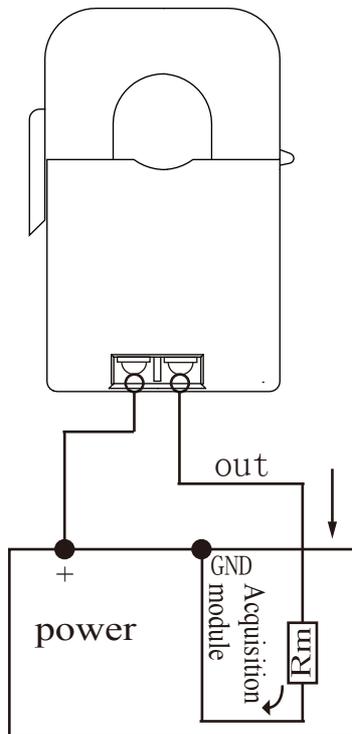
Proclamations:

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