

Split core current transmitter

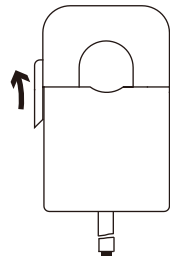
Split core、suspension indtallation, output with cable.Detect AC current. High insulation between primary and secondary circuits.



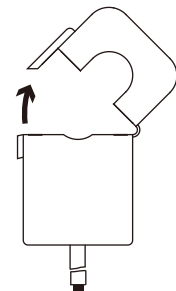
Installation diagram

Product features

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



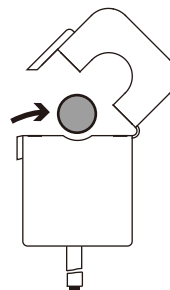
1. Loosen the card buckle



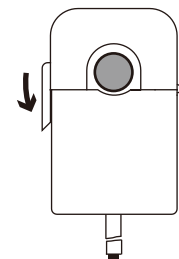
2. Open up

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 | 80A | 100A | Standard input |
| Input measurement range | 11A | 22A | 55A | 88A | 110A | Default is 1.1 times the input rating |
| Rated output | 0-20mA/4-20mA/0-5V/1-5V/0-10V | | | | | Output one of four Cannot do 0-10V output |
| Accuracy | 0.5% | | | | | |
| Linearity | 0.5% | | | | | |
| Supply voltage ($\pm 5\%$) | +12V/+24V | | | | | Supply voltage range $\pm 5\%$ Unable to supply +24V power |
| Current consumption | $\leq 35\text{mA}$ | | | | | Reference will be subject to the measured |
| Load impedance | Current type output: 250 Ω (Typification) | | Voltage type output: $\geq 10\text{K}\Omega$ | | | |
| Zero offset voltage | Current type output: $\pm 0.08\text{mA}$ | | Voltage type output: $\pm 15\text{mV}$ | | | 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 | -10 \sim +70 $^{\circ}\text{C}$ | | | | | |
| Storage temperature | -25 \sim +70 $^{\circ}\text{C}$ | | | | | |
| Band width | 25 \sim 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:

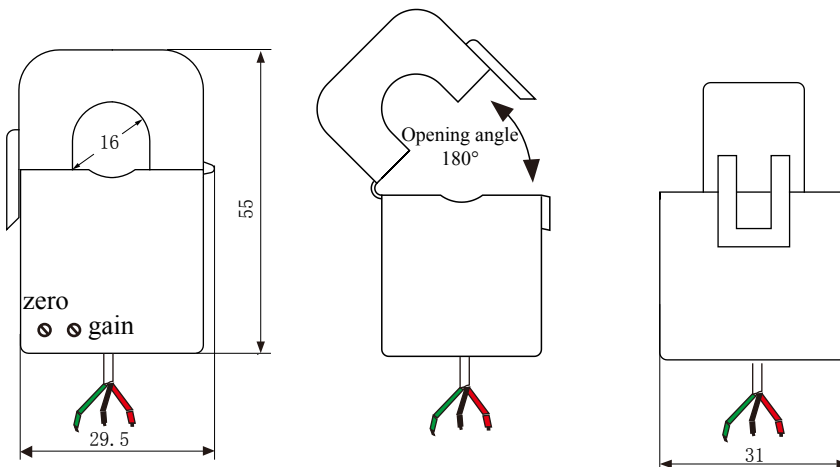
- *Please read this specification carefully before use.
- *When you need to move the product, please be sure to disconnect the power and all the connected cables.
- *If found shell, devices attached to the fixed parts, wire, or have any damaged, please immediately deal with hidden dangers.
- *If there 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.

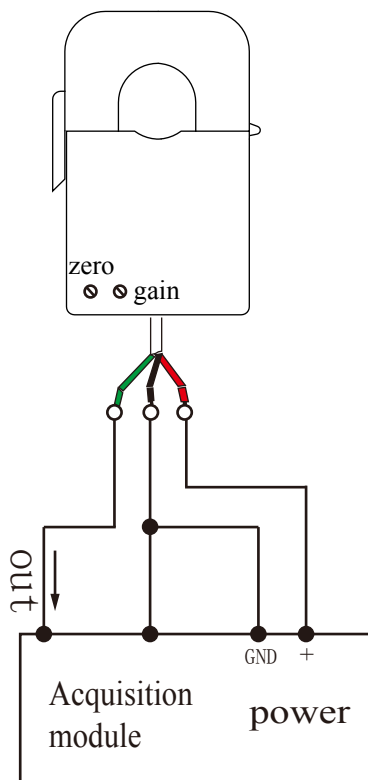
Dimensions(in mm±0.5) :

Cable:



Cable specification:
0.2mm² Three core shielding wire
Three core color: Red、 Black、 Green
Cable length: 50cm

Wiring diagram:



Cable definition:

Red: +V
Black: GND
Green: out

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