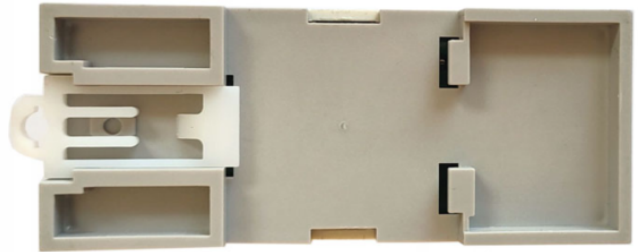


## Ac current transmitter

Din-rail installation, Crimping terminal output. Detect AC and pulse current, High insulation between primary side and the vice side circuit.



Potentiometer view



Bottom view

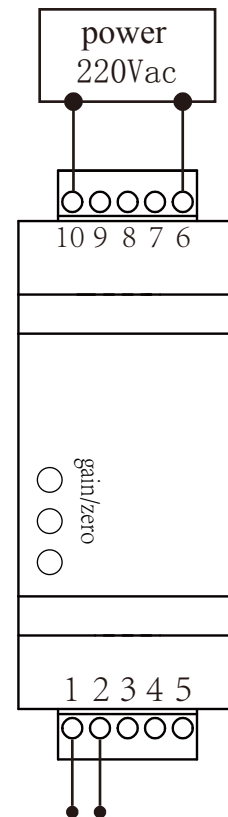
## Installation diagram

### Product features

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

### Product application

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



Current to be measured not distinguish the direction

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

**Remarks:**

IP	Rated input	1A	2A	3A	5A	Standard input Can be customized example: 4A
IPM	Input measurement range	1.2A	2.4A	3.6A	6A	The default is 1.2 times the rated input
OUT	Rated output	0-20mA/4-20mA/0-5V/1-5V/0-10V				Output one of five
X	Accuracy	1%				
εL	Linearity	1%				
VC	Supply voltage	+12V DC / +24V DC / 220V AC				Choose three Supply voltage range ±5%
IC	Current consumption	< 50mA				Reference will be subject to the measured
RL	Load impedance	Current output type: 250Ω (typology)		Voltage output type: ≥10K Ω		
OE	Zero offset voltage	Current output type: ≤0.1mA		Voltage output type: ≤30mV		
TR	Response time	< 350mS				Reference will be subject to the measured
N.W	Weight	202g				Reference will be subject to the measured
Ta	Operation temperature	-10~+70°C				
Ts	Storage temperature	-25~+85°C				
BW	Band width	50~60Hz				
Vd	Delectric strength	2.5KV 50Hz 1min				

### Instruction for use:

1. According to the connection mode of correct connection
2. The direction indicated by an arrow for the positive current direction
3. Response time and tracking progress are the best when the hole is measured
4. Faulty wiring can lead to product damage and output uncertainty

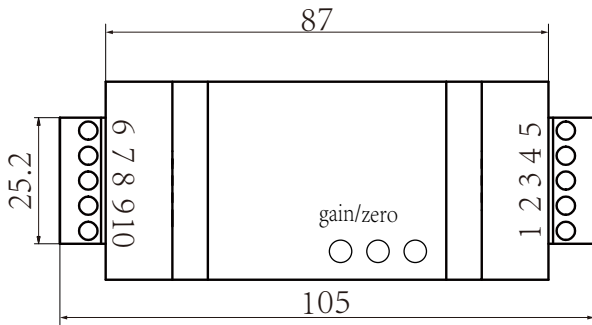
### Safe operation:

- \*Please read this specification carefully before using the product.
- \*When the product needs to be moved, please be sure to cut off the power and unplug all the connecting cables connected to it.
- \*If found shell, fixed pieces, the power cord, connection cables, or connected to the equipment has any damage, please power off the device with immediately.
- \*If running doubts about the safety of the equipment, all equipment must be switched off and the corresponding accessories, and in the fastest time of illness.

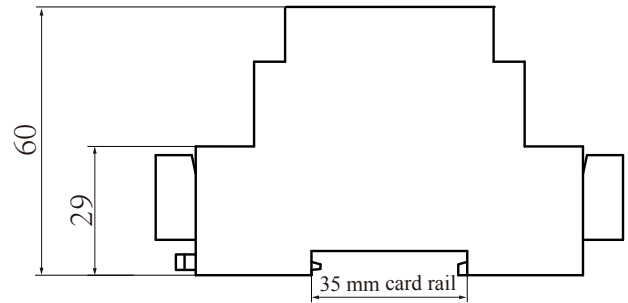
### The statement:

As our products have been continuously improved and updated, we reserve the right to modify the content of this specification at any time.

**Dimensions (in mm±0.5) :**

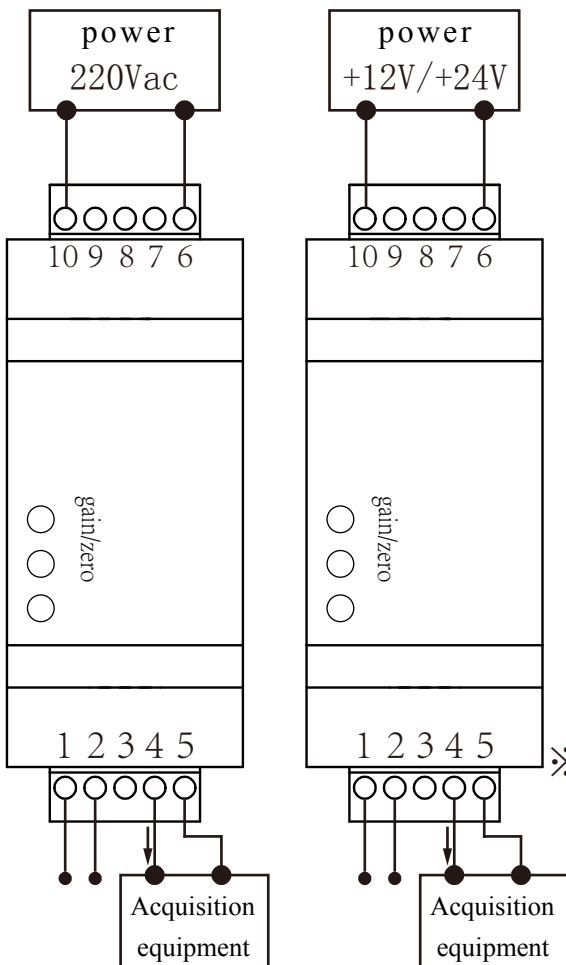


**Top View**

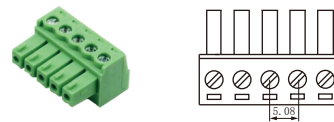


**Side view**

**Wiring diagram:**



**Schematic diagram of connector:**



Crimping terminal plug, 5.08 5 p spacing of 5.08 mm

**Terminal definition:**

- |            |         |
|------------|---------|
| 6: I1      | 6: I1   |
| 7: I2      | 7: I2   |
| 9: out     | 9: out  |
| 10: GND    | 10: GND |
| 1, 5: 220V | 1: +V   |
|            | 5: GND  |

**Potentiometer definition:**

- on: gain
- middle: zero
- down: empty

- ※① Small ripple ( $\leq 20\text{mV}$ )  
Stabilized auxiliary power supply
- ② Switch on auxiliary power
- ③ The auxiliary power supply is connected to the transmitter
- ④ The transmitter detects a primary current