

Hall switching current transmitter

suspension indtallation, Crimping terminal output. Detect DC current, High insulation between primary side and the vice side circuit.



Front view



Opening view



Back view

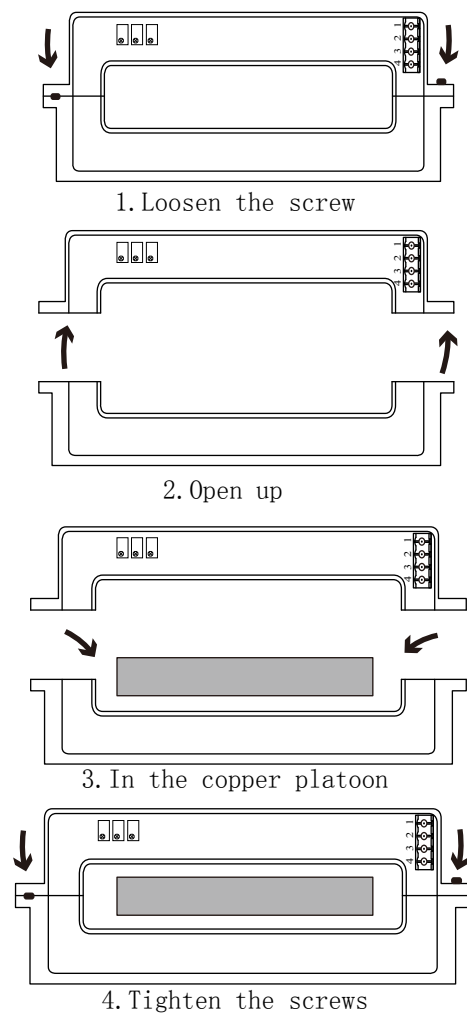
Product features

- 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

Installation diagram



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

Remarks:

IP	Rated input	600A	700A	800A	1000A	1200A	1500A	2000A	Standard input can be customized such as: 1300A	
IPM	Input measurement range	720A	840A	960A	1200A	1440A	1800A	2400A	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 0-10v output choose +24V power supply	
X	Accuracy	1%							I=IP	
εL	Linearity	1%							I=0~IP	
VC	Supply voltage	+12V / +24V							Supply voltage range ±5%	
IC	Current consumption	< 50mA							Reference will be subject to the measured	
RL	Load impedance	Current output type: 250Ω (typology)				Voltage type output: ≥10K Ω				
VOE	Zero offset voltage	Current output type: ≤0.1mA				Voltage type output: ≤30mV				TA=25℃
TR	Response time	< 350mS							Reference will be subject to the measured	
N.W	Weight	597g							Reference will be subject to the measured	
Ta	Operation temperature	-10~+70℃								
Ts	Storage temperature	-25~+85℃								
BW	Band width	DC							Ex-factory test	
Vd	Delectric strength	2.5KV 50Hz 1min								

Instruction for use:

1. Connect the wires correctly as indicated
2. Response time and following speed are best when full hole is measured
3. Faulty wiring can lead to product damage and output uncertainty

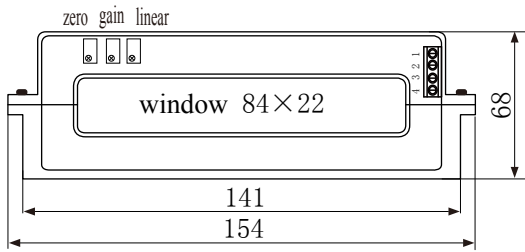
Safe operation:

- *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.

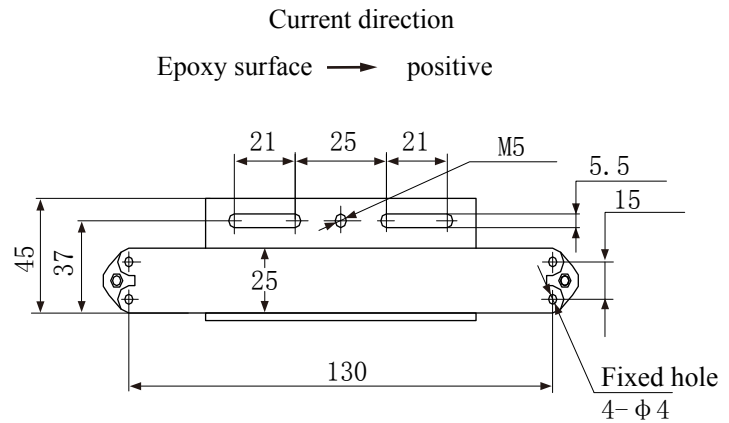
The statement:

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) :



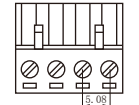
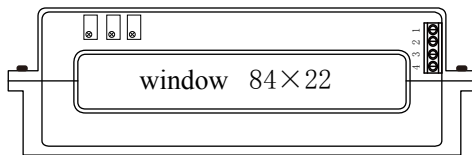
Front view



Bottom view

Schematic diagram of connector:

Wiring diagram:



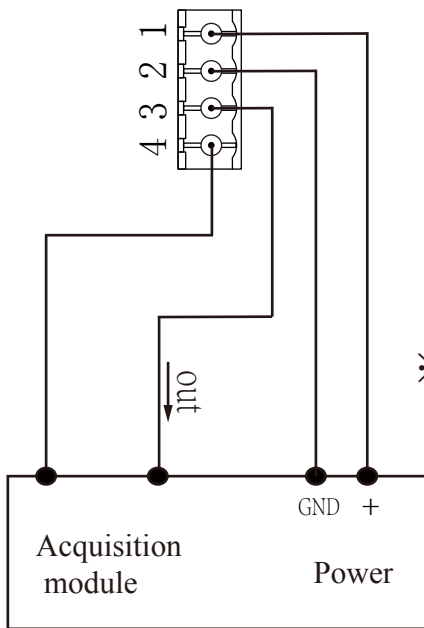
Crimping terminal quick connector plug 2EDG-5.08-4p spacing 5.08mm

Terminal definition:

- 1: +V
- 2: GND
- 3: out
- 4: GND

Potentiometer definition:

- left: zero
- middle: gain
- right: linear



- ※① Choose ripple small ($\leq 20\text{mV}$)
Stabilized auxiliary power supply
- ② Switch on auxiliary power
- ③ The auxiliary power is connected to the transmitter
- ④ The transmitter detects the primary current
- ⑤ The two GNDS are internally connected and not isolated