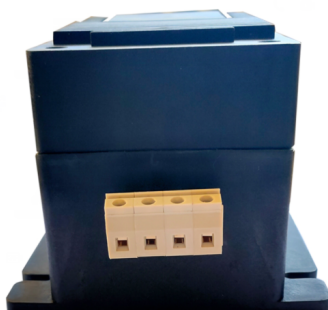


Hall voltage sensor

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



Front view



Terminal view



Fixed hole view

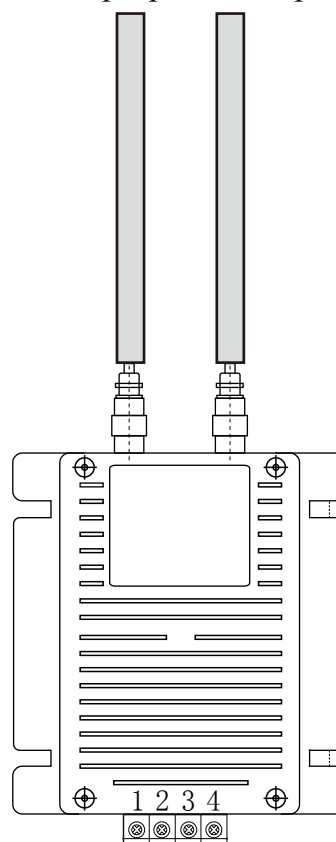
Product features

- 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

High side after wiring
Terminal proposal seal processing



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

Remarks:

I _p	Rated input	±2000V ±3000V ±4000V ±5000V ±6000V ±8000V ±10000V	Standard input
I _{pm}	Input measurement range	±3000V ±4500V ±6000V ±7500V ±9000V ±10000V ±10000V	Default is 1.5 times the rated input and ≤10KV
V _{out}	Rated output	± 5V	Standard output
X	Accuracy	1%	I=I _p
ε _L	Linearity	0.2%	I=0~± I _p
V _c	Supply voltage	± 12V/ ± 15V	One or the other Supply voltage range±5%
I _c	Current consumption	≤ ± 15mA+ I _s	Reference will be subject to the measured
R _L	Load impedance	≥ 10K Ω	Collection port impedance while lower voltage affect accuracy
V _{oe}	Zero offset voltage	≤ ± 30mV	TA=25℃
T _r	Response time	40~200 μ s	Reference will be subject to the measured
N.w	Weight	2.5kg	Reference will be subject to the measured
T _a	Operation temperature	-10~+70℃	
T _s	Storage temperature	-25~+70℃	
B _w	Band width	-	Factory test according to DC
V _d	Delectric strength	10KV 50Hz 1min	

Instruction for use:

1. Correct wiring as indicated
2. Full scale measurement, response time and following the speed for the best
3. Faulty wiring can lead to product damage and output uncertainty

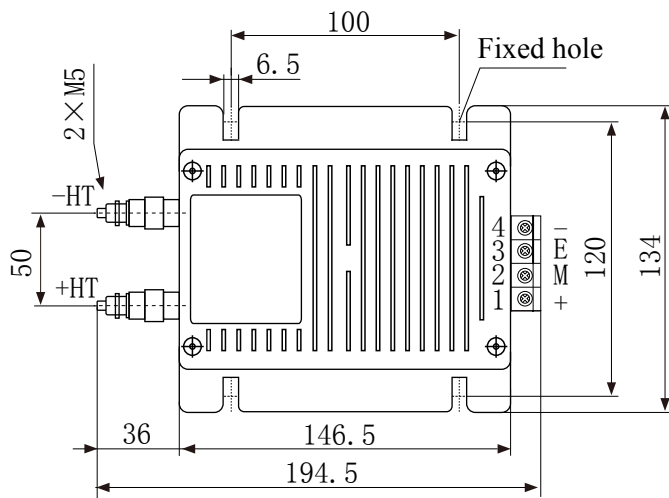
Safe operation:

- *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.

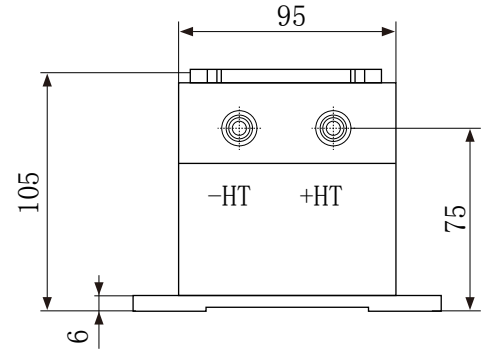
Proclamations:

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) :

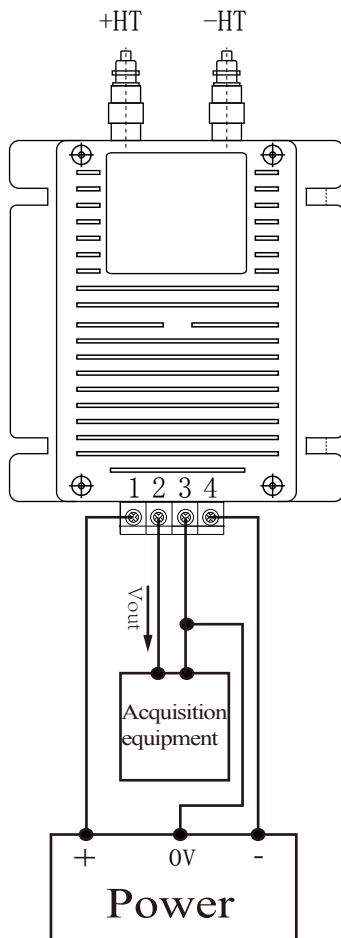


Top view



Side view

Wiring diagram:



Terminal definition:

1: +V

2: Vout

3: 0V

4: -V

+HT: Measure the positive voltage pole

-HT: Measure the negative voltage

※Detection:

- ① Choose the auxiliary power supply with small ripple ($\leq 10\text{mV}$)
- ② Switch on auxiliary power
- ③ The auxiliary power is connected to the sensor
- ④ The sensor detects the primary current