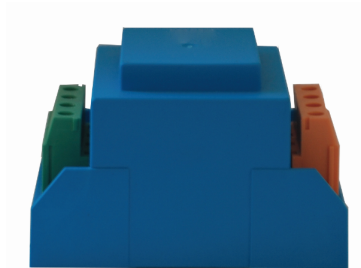
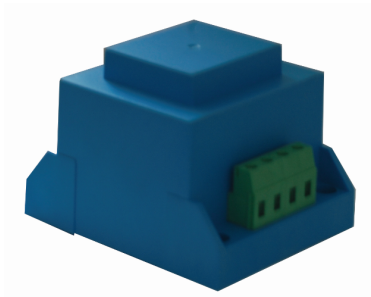


## Hall voltage sensor

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



zero gain

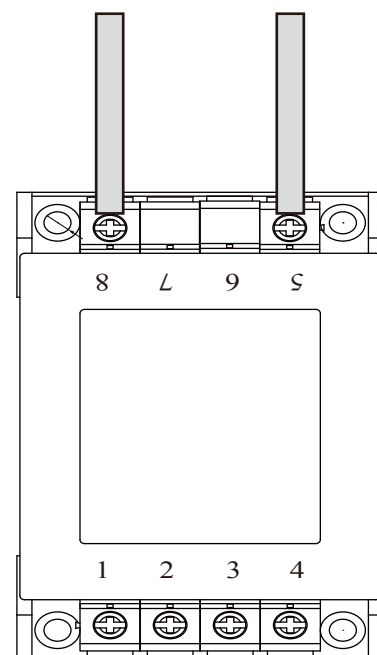
### Product features

- 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:**

$I_{PN}$	Rated input	$\pm 500V$	$\pm 700V$	$\pm 800V$	$\pm 900V$	$\pm 1000V$	Standard input
$I_{pm}$	Input measurement range	$\pm 750V$	$\pm 1050V$	$\pm 1200V$	$\pm 1300V$	$\pm 1500V$	Default is 1.5 times of rated input
$V_{out}$	Rated output	$\pm 5V$					Standard output
X	Accuracy	1%					$I=I_{PN}$
$\epsilon_L$	Linearity	0.2%					$I=0 \sim \pm I_{PN}$
$V_c$	Supply voltage	$\pm 12V / \pm 15V$					One or the other Supply voltage range $\pm 5\%$
$I_c$	Current consumption	$\leq \pm 15mA + I_s$					Reference will be subject to the measured
Rl	Load impedance	$\geq 10K \Omega$					Collection port impedance while lower voltage affect accuracy
$V_{oe}$	Zero offset voltage	$\leq \pm 30mV$					TA=25°C
Tr	Response time	40~200 $\mu s$					Reference will be subject to the measured
N.w	Weight	490g					Reference will be subject to the measured
Ta	Operation temperature	-10~+70°C					
Ts	Storage temperature	-25~+70°C					
Bw	Band width	-					Factory test according to DC
Vd	Delectric strength	3.5KV 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

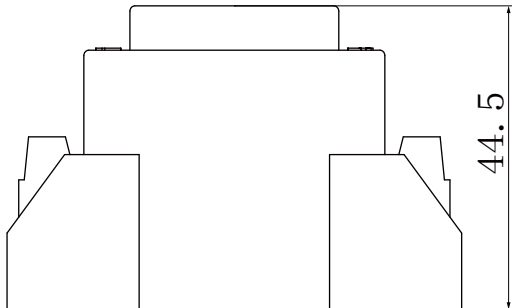
### Safe operation:

- \*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.

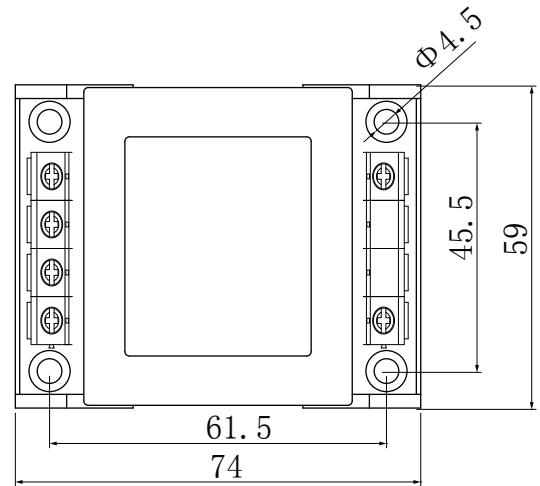
### Proclamations:

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) :

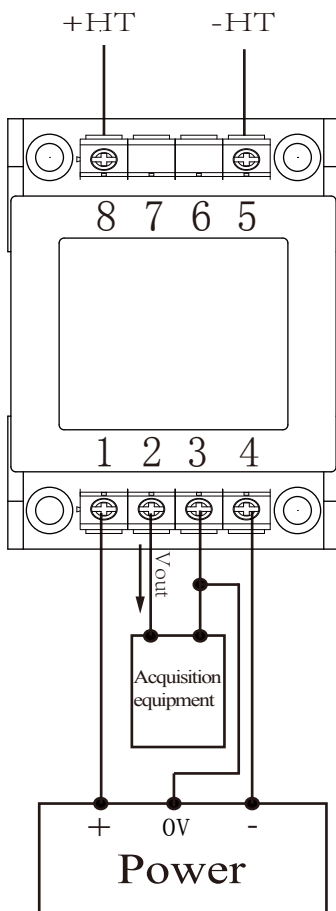


Side view



Top view

Wiring diagram:



**Terminal definition:**

- 1: +V
- 2: Vout
- 3: 0V
- 4: -V
- 5: -HT
- 6: Air terminal
- 8: +HT
- 7: Air terminal

※ **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