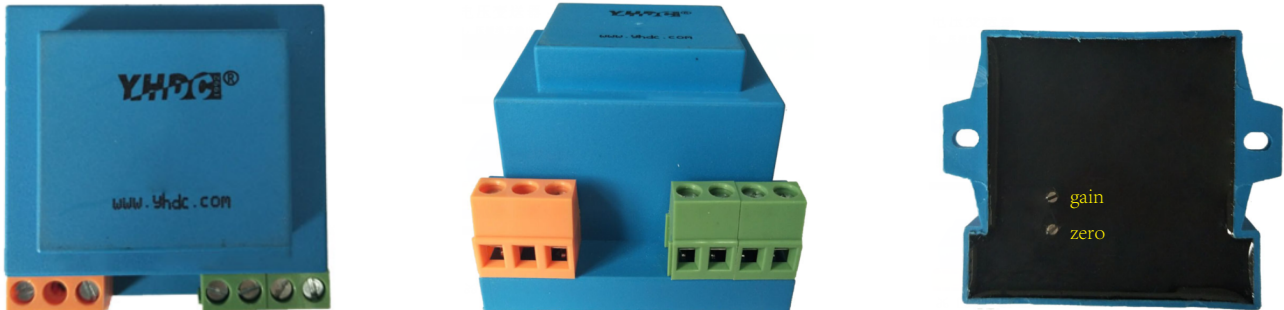


## DC Voltage Transmitter

Sub-plate mount, terminal output, Detect DC Voltage. High insulation between primary and secondary circuit.



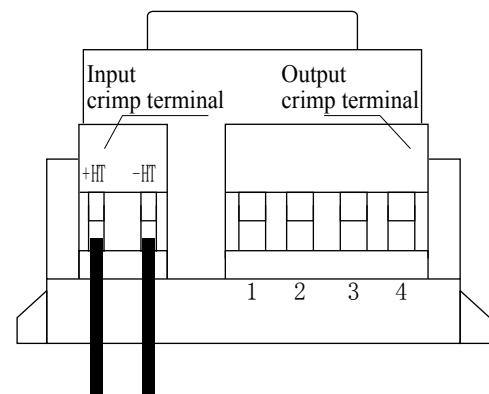
### Product features

- 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



+HT: Positive pole of measured voltage  
-HT: Negative pole of the measured voltage

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

**Remarks**

Rated input	200V	300V	400V	500V	Standard input
Input measurement range	240V	360V	480V	600V	Default is 1.2 times the input rating
Rated output	0-20mA/4-20mA/0-5V/1-5V/0-10V				Output one of five 0-10V output +24V power supply
Accuracy	0.5%				
Linearity	0.5%				
Supply voltage ( $\pm 5\%$ )	+12V / +24V				One or the other Supply voltage range $\pm 5\%$
Current consumption	$\leq 50\text{mA}$				Reference will be subject to the measured
Load impedance	Current type output: 250 $\Omega$ (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°C
Response time	$\leq 350\text{mS}$				Reference will be subject to the measured
weight	99g				Reference will be subject to the measured
Operating temperature	-10~+70°C				
Storage temperature	-25~+70°C				
Band width	DC				
Dielectric 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

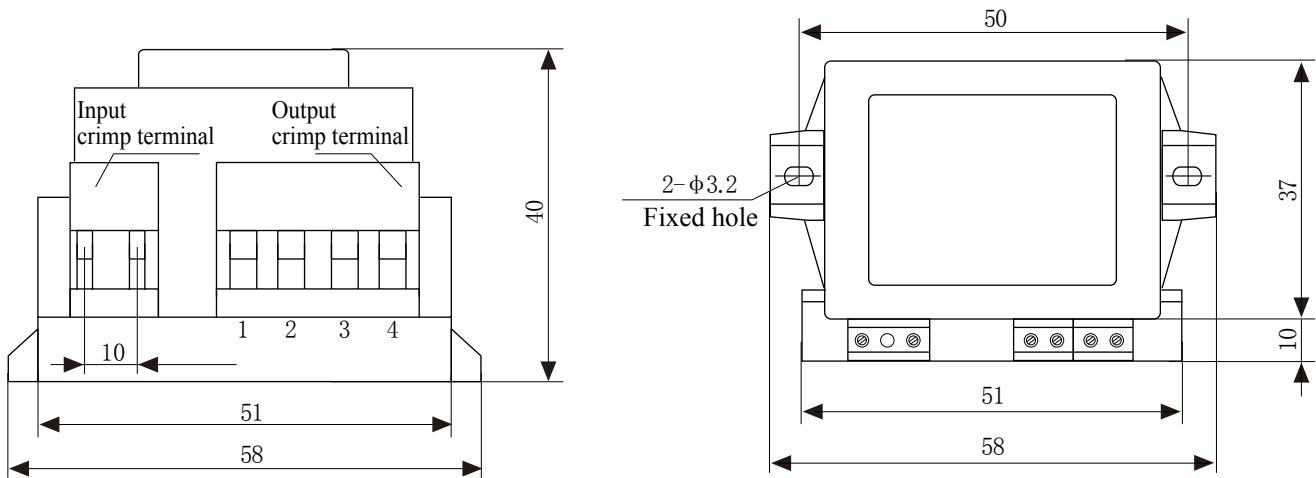
**Safe operation:**

- \*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.

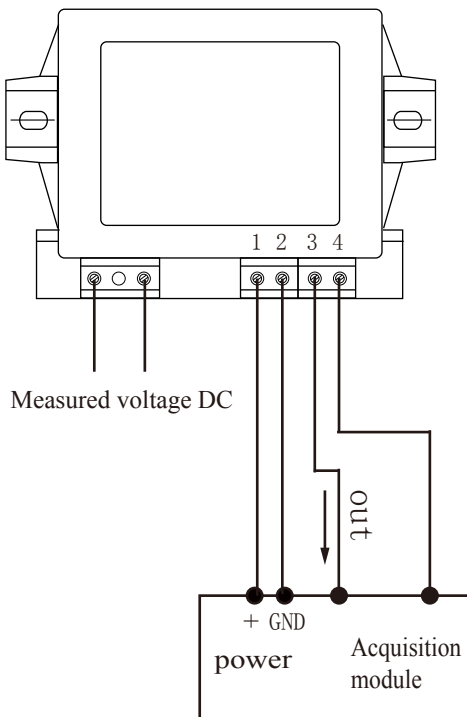
**Proclamations:**

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) :



Wiring diagram:



### Terminal definition:

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

+HT: Positive pole of measured voltage  
-HT: Negative pole of the measured voltage

- ※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
- ⑤ Both GND internals are not isolated