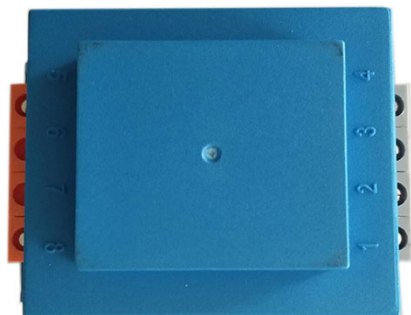


DC Voltage Transmitter

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



Potentiometer: Linear/gain/zero

Product features

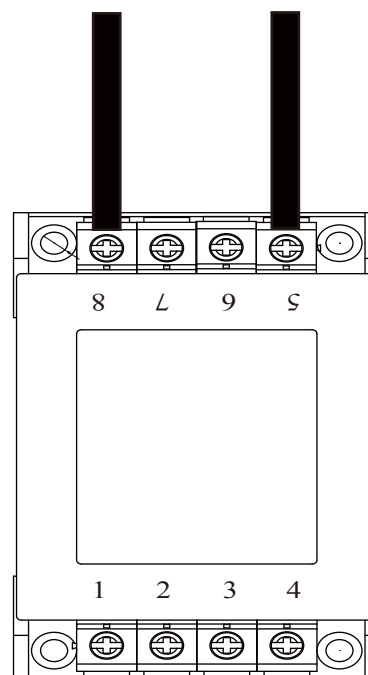
- Light weight
- Low power consumption
- Good linearity
- No insertion loss
- Fast response time
- Good anti-interference ability

Product application

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

Installation diagram

High side wiring terminal proposal seal after processing



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

Remarks

Rated input	500V	600V	700V	800V	1000V	Standard input
Input measurement range	600V	720V	840V	960V	1200V	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	1%					
Linearity	0.5%					
Supply voltage (±5%)	+12V / +24V					One or the other Supply voltage range ±5%
Current consumption	≤65mA					Reference will be subject to the measured
Load impedance	Current type output: 250Ω(Typification)			Voltage type output: ≥10KΩ		
Zero offset voltage	Current type output: ±0.08mA			Voltage type output: ±15mV		TA=25℃
Response time	≤350mS					Reference will be subject to the measured
weight	397g					Reference will be subject to the measured
Operating temperature	-10～+70℃					
Storage temperature	-25～+70℃					
Band width	DC					
Delectric strength	3.5KV 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

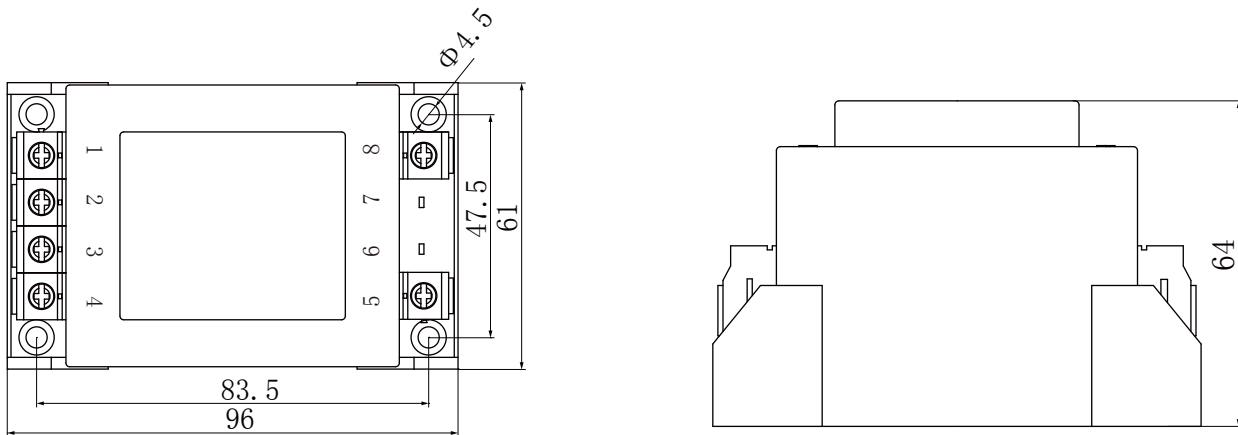
Safe operation:

- *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.

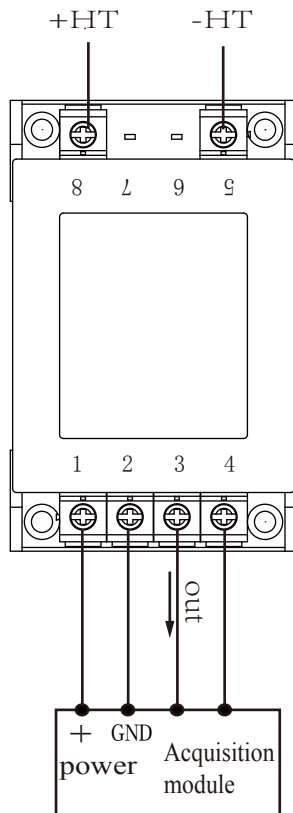
Proclamations:

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
- 5: -HT (Negative pole of the measured voltage)
- 8: +HT (Positive pole of measured voltage)
- 6: Air terminal
- 7: Air terminal

- ※①The auxiliary power supply with ripple small ($\leq 20\text{mV}$) is selected
- ②Switch on auxiliary power
- ③Auxiliary power is connected to the transmitter
- ④Transmitter detects the primary current
- ⑤Both GND internals are not isolated