

HVS600



Detect DC, AC and pulse current, high insulation between primary side and the vice side circuit.

Product picture printing is for reference only, subject to the actual product

Product application

- Metallurgy
- Welding mahine
- Inverter power
- Inverter speed controller
- UPS uninterruptible power supply

Product features

- High pressure resistant
- Low power consumption
- Beautiful appearance
- Fast response time
- No insertion loss
- Sub-plate mounting and easy to use



Electrical parameters: the following parameters are typical values, the actual values shall be subject to the actual measurement of the product

Rated input	±2000V	±3000V	±4000V	±5000V	±6000V	±8000V	±10000V
Input measurement range	±3000V	±4500V	±6000V	±7500V	±9000V	±10000V	±10000V
Rated output	2.5V±0.625V						
Accuracy	1%						
Linearity	0.2%						
Supply voltage	+5V±5%						
Current consumption	≤20mA+I _s						
Load impedance	≥10KΩ						
Zero offset voltage	≤±30mV						
Response time	40~200 μs						
Weight	2.5Kg						
Operation temperature	-10℃~+70℃						
Storage temperature	-25℃~+70℃						
Band width	-						
Delectric strength	10KV 50Hz 1min						

Calculation formula: $2.5V \pm 0.625V$

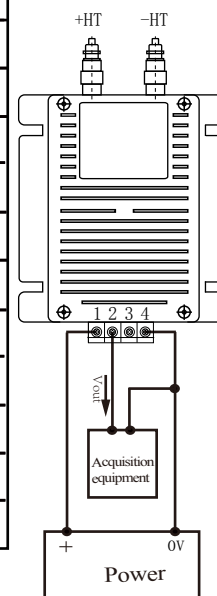
Forward direction: $2.5 + (V/V_{PN}) * 0.625$

Reverse direction: $2.5 - (V/V_{PN}) * 0.625$

I: Actual measured voltage

I_{PN}: Rated input voltage

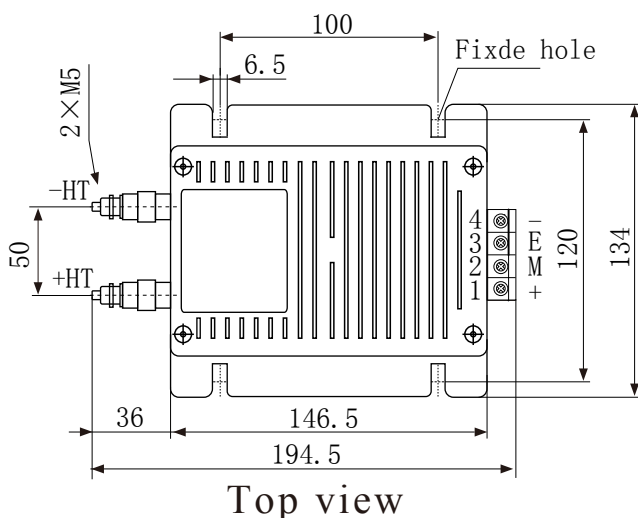
Wiring diagram:



Terminal definitior

- 1: V+
- 2: Vout
- 3: Vref
- 4: 0V
- HT
- +HT

Dimensions(in mm±0.5) :



Factory commissioning :

1. Debug with 0V as the reference point(acquiescence)
2. Debug with Vref as the reference point(optional)

