

HVS25



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

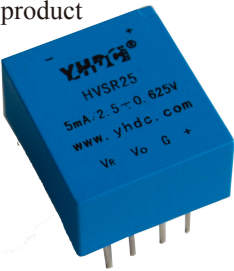
Product picture printing is for reference only, subject to the actual product

Product application

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

Product features

- Light weight
- Low power consumption
- Fast response time
- Small size and beautiful appearance
- PCB



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

Rated input	±5mA
Input measurement range	±7mA
Supply voltage (±5%)	+5V
Rated output	2.5V±0.625V
Accuracy	1%
Linearity	0.2%
Current consumption	≤15mA+Is
Load impedance	≥10KΩ
Zero offset voltage	≤±15mV
Response time	≤40μs
Weight	g
Operation temperature	-25℃~+70℃
Storage temperature	-25℃~+70℃
Band width	DC~150KHz
Delectric strength	3KV 50Hz 1min

Calculation formula: $2.5V \pm 0.625V$

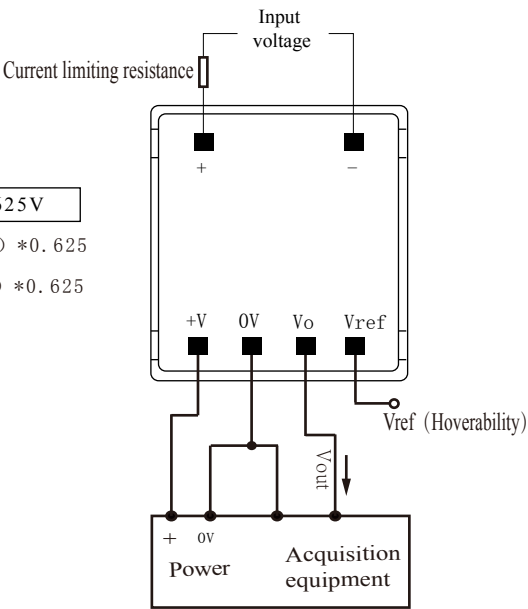
Forward direction: $2.5 + (I/I_{PN}) * 0.625$

Reverse direction: $2.5 - (I/I_{PN}) * 0.625$

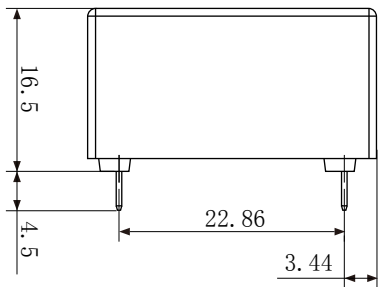
I:Actual measured current

I_{PN} :Rated input current

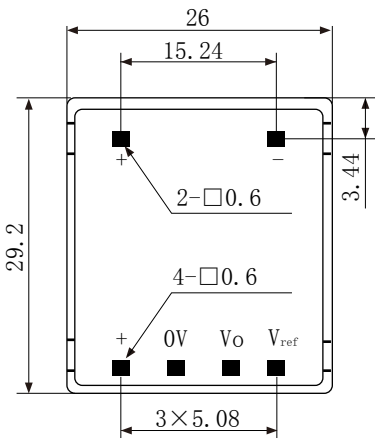
Wiring diagram:



Dimensions(in mm±0.5) :



Front view



Bottom view