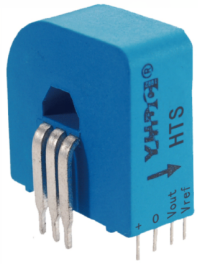
HTS15

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

Change the connection mode of primary bus-bar can be converted into three measuring range.

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



Product application

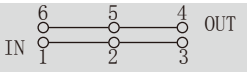
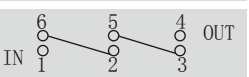
- Metallurgy
- Welding mahine
- Robot
- Inverter power
- Inverter speed controller
- UPS uninterruptible power supply

Product features

- Light weight
- Low power consumption
- No insertion loss
- Fast response time
- Small size and beautiful appearance
- PCB 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	±15A
Input measurement range	±22.5A
Rated supply voltage	+3.3V
Rated output	1.65V±0.625V
Accuracy	1%
Linearity	0.1%
Current consumption	≤20mA+Is
Load impedance	≥10KΩ
Zero offset voltage	≤±15mV
Response time	≤0.5μs
Weight	9g
Operation temperature	-25℃~+70℃
Storage temperature	-25℃~+70℃
Band width	DC~150KHz
Delectric strength	3KV 50Hz 1min

Primary turns	Rated input (A)	Rated output (V)	Connection way of primary pins
1	±15	1.65±0.625	
2	±7.5	1.65±0.625	
3	±5	1.65±0.625	

Calculation formula: 1.65V±0.625V

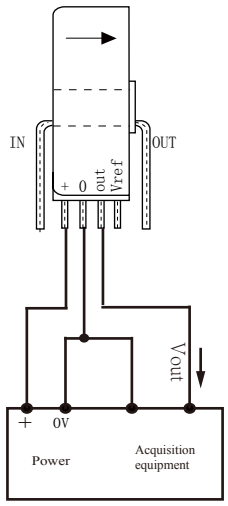
Forward direction: $1.65+(I/I_{PN})*0.625$

Reverse direction: $1.65-(I/I_{PN})*0.625$

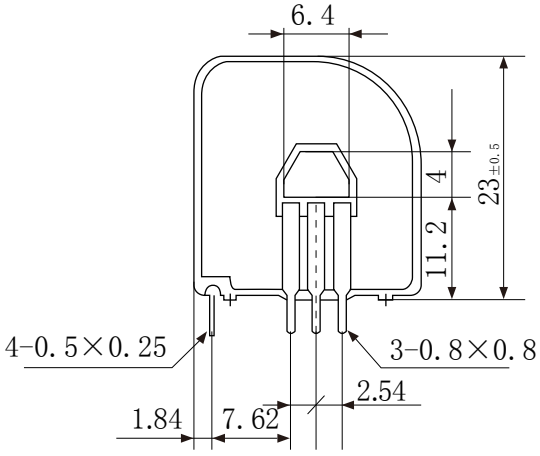
I:Actual measured current

I_{PN}:Rated input current

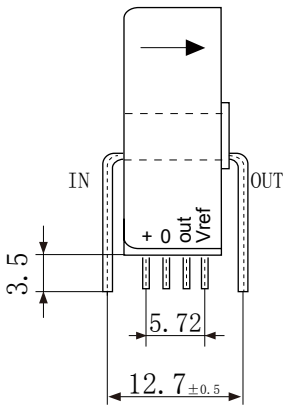
Wiring diagram:



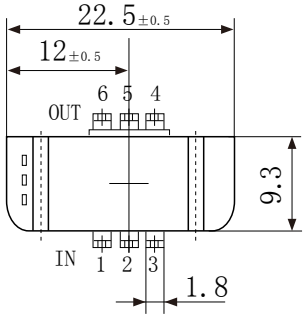
Dimensions(in mm±0.5):



Front view



Side view



Bottom view