HTS6

YHDC® 1992

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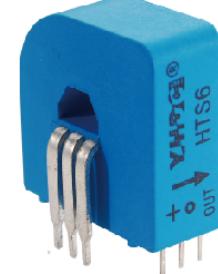
Product application
- Metallurgy
- Welding mahine
- Robot
- Inverter power
- Inverter speed controller
- UPS uninterruptible power supply

Product features
- Light weight
- Low power consumption
- No insertion loss
- Fast response time
- Small size and beautiful appearance
- PCB installation 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	±6A
Input measurement range	±9A
Rated supply voltage	+5V
Rated output	2.5V±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	±6	2.5±0.625	
2	±3	2.5±0.625	
3	±2	2.5±0.625	

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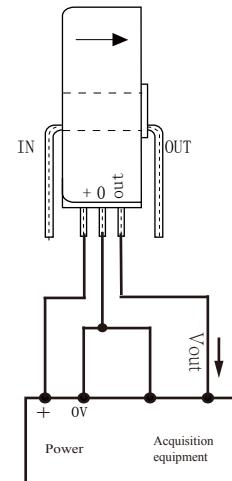
Forward direction：$2.5+ (I/I_{PN}) *0.625$

Reverse direction：$2.5- (I/I_{PN}) *0.625$
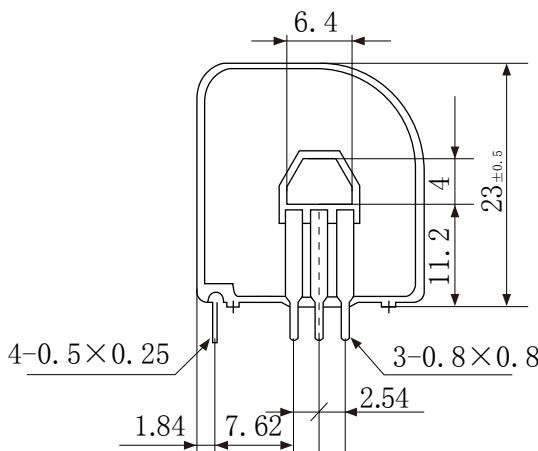
I:Actual measured current
I_{PN}:Rated input
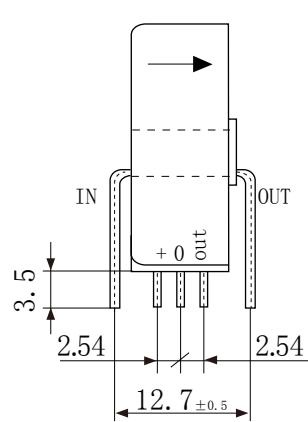
Wiring diagram:

Dimensions(in mm±0.5）:

6.4
23±0.5
4
11.2
4-0.5×0.25
3-0.8×0.8
1.84
7.62
2.54

Front view

3.5
IN
OUT
+ 0 out
2.54
2.54
12.7±0.5

Side view

22.5±0.5
12±0.5
OUT
6 5 4
9.3
IN
1 2 3
1.8

Bottom view