

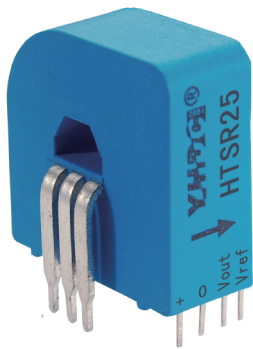
Hall closed loop variable range current sensor

Model：HTSR25

Closed loop,basbar built-in, PCB welding type;
Change the connection mode of a bus variable three
range.

Technical Index:

- Flame resistance: UL94-V0
- Working temperature: -25~+70℃
- Storage temperature: -25~+70℃
- Band width: DC~150kHz
- Dielectric strength: 3KV 50Hz 1min

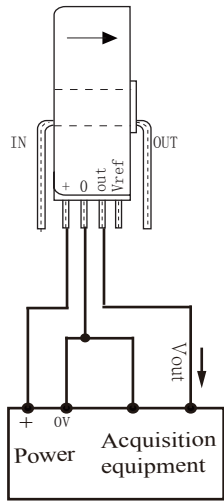


Primary turns	Rated input (A)	Rated output (V)	connection way of primary pins
1	±25	2.5±0.625	
2	±12	2.5±0.6	
3	±8	2.5±0.6	

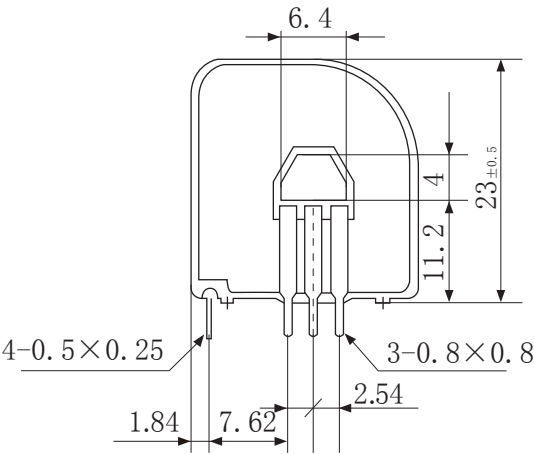
Electrical parameters:

I_{PN}	Rated input	±25	A
I_{PM}	Input measured range	±37.5	A
V_{OUT}	Rated output	2.5±0.625	V
X	Accuracy	1	%
ϵ_L	Linearity	0.1	%
V_C	Supply voltage(±5%)	+5	V
I_C	Current consumption	≤20	mA+I _s
R_L	Load impedance	≥10K	Ω
V_{OE}	Zero offset TA=25℃	≤±15	mV
T_R	Response time	≤0.5	μs
N.W	Weight	10	g

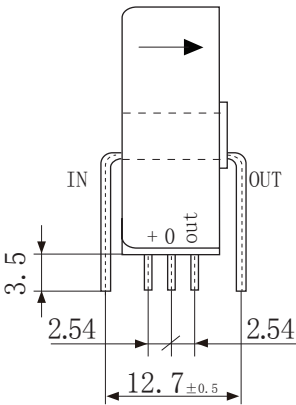
Connection diagram:



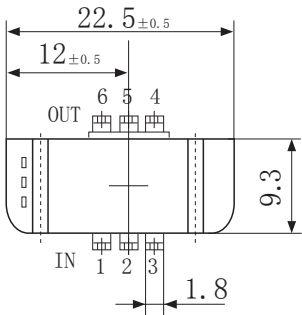
Dimensions（in mm）：



Front view



Side view



Bottom view