SHAANXI SHINHOM ENTERPRISE Co.,LTD

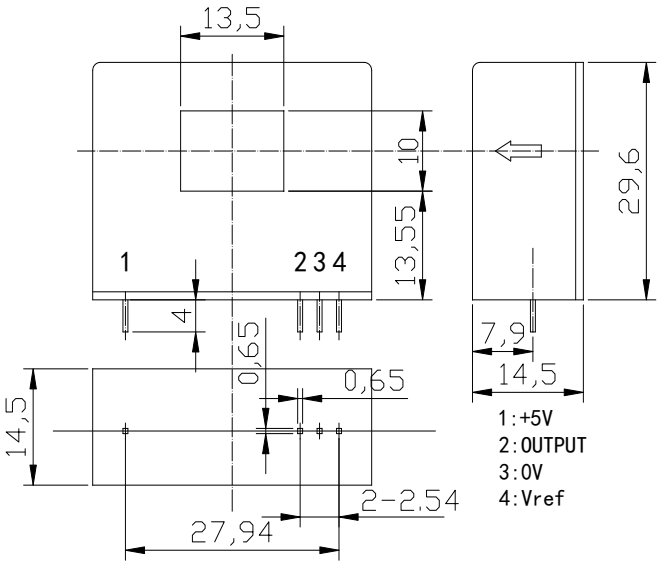
HKC-PTPS series current sensor

HKC-PTPS series current sensor is an insulated between primary and secondary circuit. It provides accurate electronic measurement of DC, AC or pulsed currents.

ELECTRICAL DATA

	HKC50PTPS	HKC100PTPS	HKC150PTPS	
Rated current(IPN)	50	100	150	A
Measure range (IPM)	150	300	300	A
Rated output (VOUT)			0.625±1%	V
Offset voltage(VO)			2.5±0.5%	V
Benchmark voltage (Vref)			2.5±0.5%	V
Supply voltage (VC)			+5±5%	V
misalignment voltage			25	mV
magnetic misalignment voltage	±20		±15	mV
Offset voltage temperature drift	≤±2.0		≤±1	mV/℃
Linearity			≤1	%FS
Response time			≤3	μS
Insulation voltage	50HZ,1min		2.5	KV
Operating temperature			-40～+85	℃
Storage temperature			-40～+85	℃

MUTING DIMENSIONS



INSTRUCTIONS FOR USE

1. When the current will be measured goes through a sensor, the voltage will be measured at the output end. (Note: The false wiring may result in the damage of the sensor).
2. The output amplitude of the sensor can be adjusted according to users' requirements.
3. Custom design in the nominal input current and the output voltage available.

TEL：029-87851838 FAX：029-87851840 Http：www.shinhom.com E-

MAIL：sales@shinhom.com.cn