



SHAANXI SHINHOM ENTERPRISE CO.,LTD

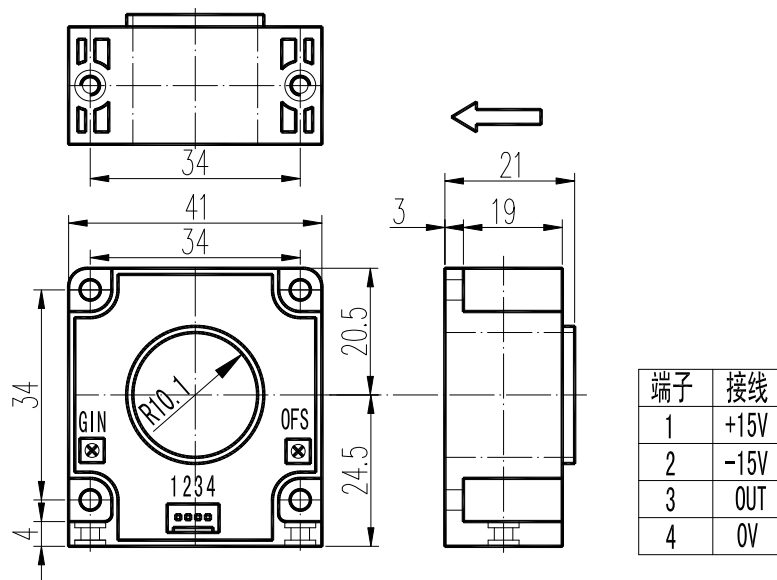
HKC-LTH Series Hall Effect Current Sensor

HKC-LTH series current sensor is an open loop device based on the measuring principle of the Hall Effect, with a galvanic isolation between primary and secondary circuit. It provides accurate electronic measurement of DC, AC currents.

ELECTRICAL DATA

	HKC10LTH	HKC20LTH	HKC50LTH	HKC100LTH	HKC200LTH	HKC300LTH	
Rated input current	10	20	50	100	200	300	A
Test current range	30	60	150	300	450	450	A
Rated output voltage						4±0.2%	V
Supply voltage						±15±5%	V
Offset Voltage						≤±15	mV
Magnetic dissonance voltage	≤±20					≤±15	mV
Offset voltage Drift	≤±1.0					≤±0.5	mV/°C
Linearity						≤±0.2	%FS
Response Time						≤3	μS
Insulation voltage	(50HZ,1min)					2.5	KV
Operating Temperature						-40~+85	°C
Storage Temperature						-40~+85	°C

MUTING DIMENSIONS



NOTES

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.



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