



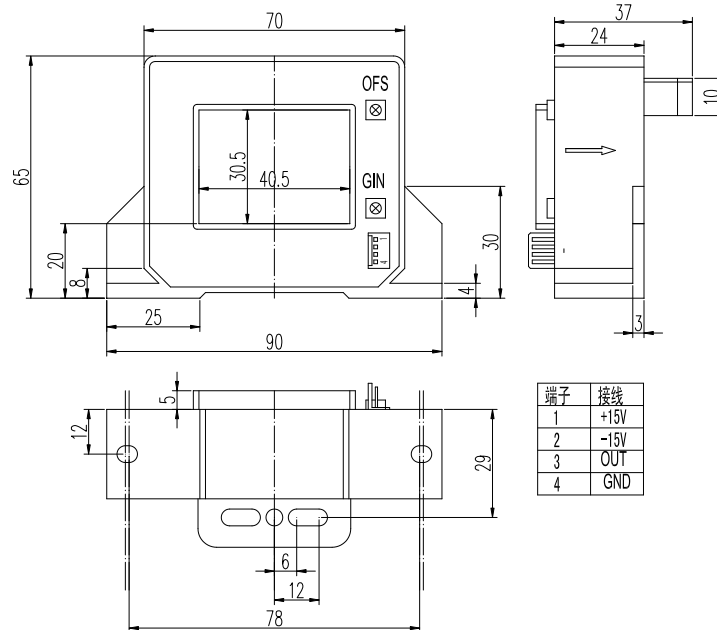
HKC-HAT Series Hall Effect Current Sensor

HKC-HAT Series current sensor with a galvanic isolation between primary and secondary circuit. It provides accurate electronic measurement of DC, AC or pulsed currents.

ELECTRICAL DATA

	HKC100HAT	HKC300HAT	HKC500HAT	HKC1000HAT	HKC2000HAT	
Rated input current	100	300	500	1000	2000	A
Test current range	300	900	1500	2000	3000	A
Rated output voltage	4±1%					V
Supply voltage	±15±5%					V
Offset voltage	≤±35			≤±30		mV
Magnetic offset voltage	≤±30			≤±25		mV
Offset voltage Drift	≤±1.5			≤±1.0		mV/°C
Linearity	≤±1					%FS
Response time	≤7					μS
Insulation voltage	(50HZ/60HZ,1min),3.0					KV
Operating Temperature	-20~+70					°C
Storage Temperature	-40~+85					°C

MUTING DIMENSIONS(FOR REFERENCE ONLY)



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