

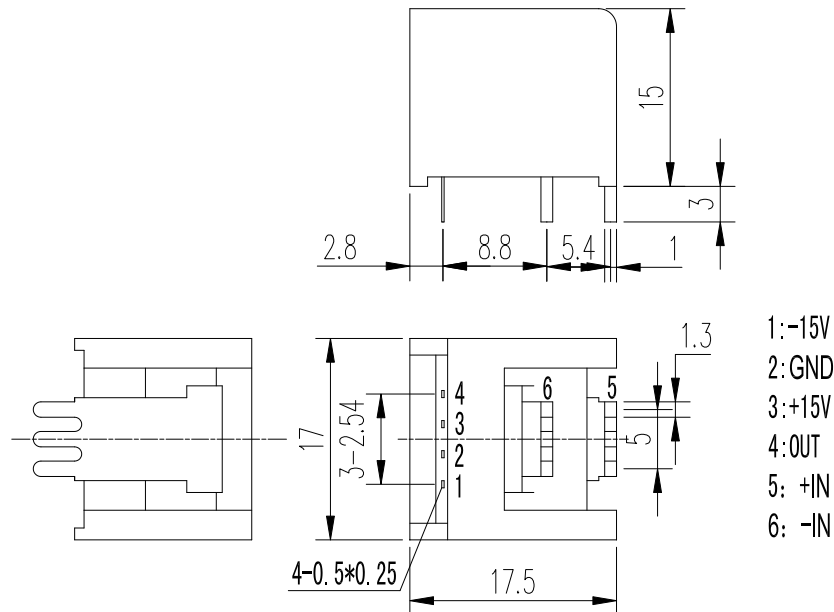
HKC18P-D15 Series Hall Effect Current Sensor

HKC18P-D15 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

	HKC18P40D15	HKC18P50D15	HKC18P60D15	
Rated input current	40	50	60	A
Test current range	120	150	180	A
Rated output voltage	±4±1%			V
Supply voltage	±15±5%			V
Consumption current	≤±15			mA
Zero offset current	≤±40			mV
Magnetic offset voltage	≤±40			mV
Offset voltage Drift	≤±1.5			mV/°C
Linearity	≤±1			%FS
Response time	<5			μS
Insulation voltage	(50HZ,1min),2.5			KV
Operating Temperature	-10~+80			°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