



# SHAANXI SHINHOM ENTERPRISE CO.,LTD

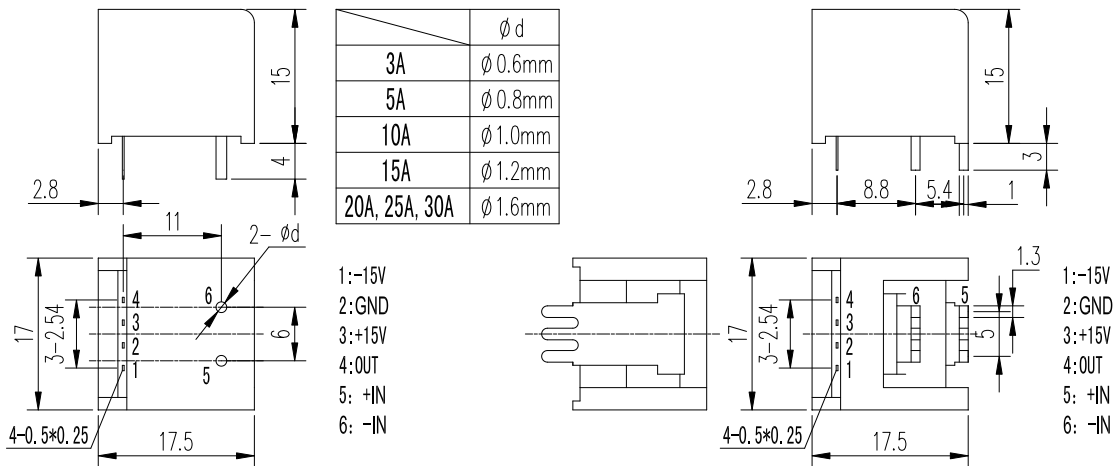
## HKCL18P50D15 Series Hall Effect Current Sensor

The HKCL18P50D15 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

	HKCL18 P03D15	HKCL18 P05D15	HKCL18 P10D15	HKCL18 P15D15	HKCL18 P20D15	HKCL18 P25D15	HKCL18 P30D15	HKCL18 P40D15	HKCL18 P50D15	
Rated input current	3	5	10	15	20	25	30	40	50	A
The pri. Line Dia.	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm	1.6mm	1.6mm	1.0*6.3		
Test current range	9	15	30	45	60	60	60	120	120	A
Rated output voltage	±4±1%									V
Supply voltage	±15±5%									V
Static power consumption current	≤±15									mA
Offset Current	≤±40									mV
Offset Voltage	≤±40									mV
Offset voltage Drift	≤±1.5									mV/°C
Linearity	≤±1									%FS
Response Time	<5									μS
Galvanic Isolation	2.5(50HZ,1min)									KV
Operating Temperature	-10~+80									°C
Storage Temperature	-40~+85									°C

### MUTING DIMENSIONS(FOR REFERENCE ONLY)



### 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.