



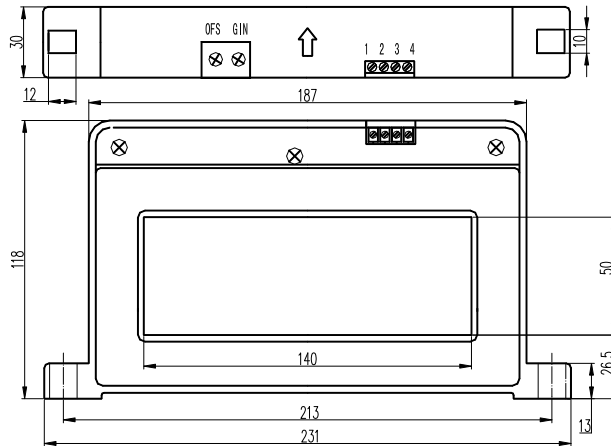
### HKC-HB Series Hall Effect Current Sensor

HKC-HB series current sensors are insulated between primary and secondary, and can be used to measure DC, AC and pulse currents.

#### ELECTRICAL DATA

	HKC1000HB	HKC2000HB	HKC3000HB	HKC5000HB	HKC8000HB	HKC10000HB	
Rated input current	1000	2000	3000	5000	8000	10000	A
Measure Range	2000	4000	5000	7500	12000	12000	A
Rated Output voltage	4±1%						V
Supply Voltage	±15±5%						V
Current consumption	<30						mA
Offset Voltage	≤±30		≤±25				mV
Magnetic Offset Voltage	≤±40		≤±30				mV
Offset Voltage Drift	≤±1.5		≤±1.0				mV/ °C
Linearity	≤±1						%FS
Response Time	≤10						μS
Insulation voltage	6(50/60HZ,1min)						KV
Operating Temperature	-20~+70						°C
Storage Temperature	-40~+85						°C

#### MUTING DIMENSIONS(FOR REFERENCE ONLY)



端子	接线
1	+15V
2	-15V
3	OUT
4	0V



#### 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.