TKC-B Series Hall Effect

Current Sensor

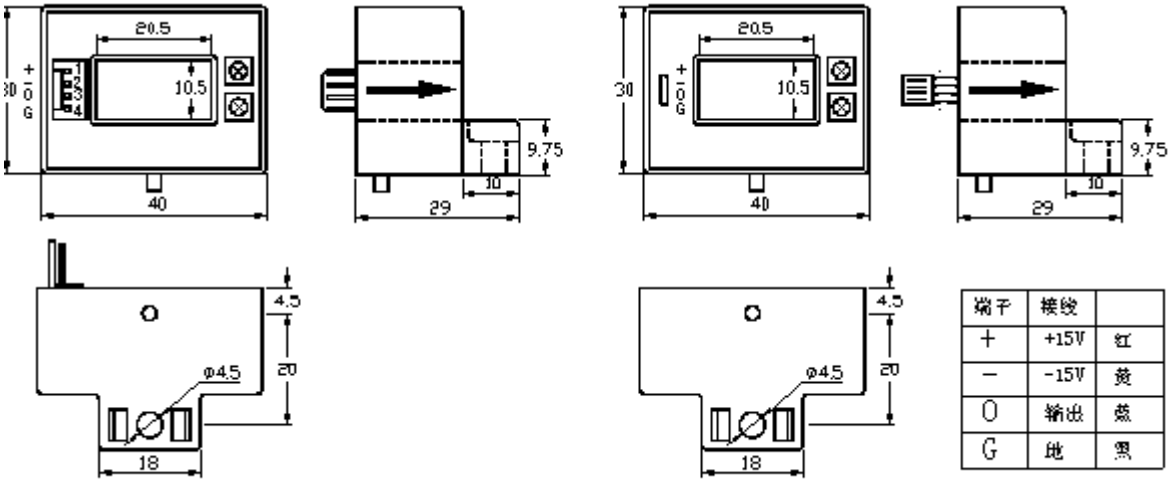
The TKC-B series current sensor is a open loop device based on the measuring principle of the hall effect ,with a galvanic isolation between primary and secondary circuit.it provides accurate electronic measurement of DC,AC or pulsed currents.

ELECTRICAL DATA

	TKC50BS/BR TKC100BS/BR TKC200BS/BR TKC300BS/BR							
	TKC400BS/BR TKC500BS/BR TKC600BS/BR							
Rated current	50	100	200	300	400	500	600	A
Measure range	150	300	600	900	900	900	900	A
Rated output					4±1%			V
Supply voltage					±15 ±5%			V
offset voltage					25			mV
magnetic offset	±30				±25			mV

voltage				
offset voltage drift	≤±1.0		≤±0.5	mV/℃
Linearity			≤1	%FS
Response time			≤3	μS
Galvanic isolation	50HZ,1min		2.5	KV
Operating temperature			-40～+85	℃
Storage temperature			-55～+125	℃

MUTING DIMENSIONS(FOR REFERENCE ONLY)



INSTRUCTIONS FOR USE

1.Whan 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