

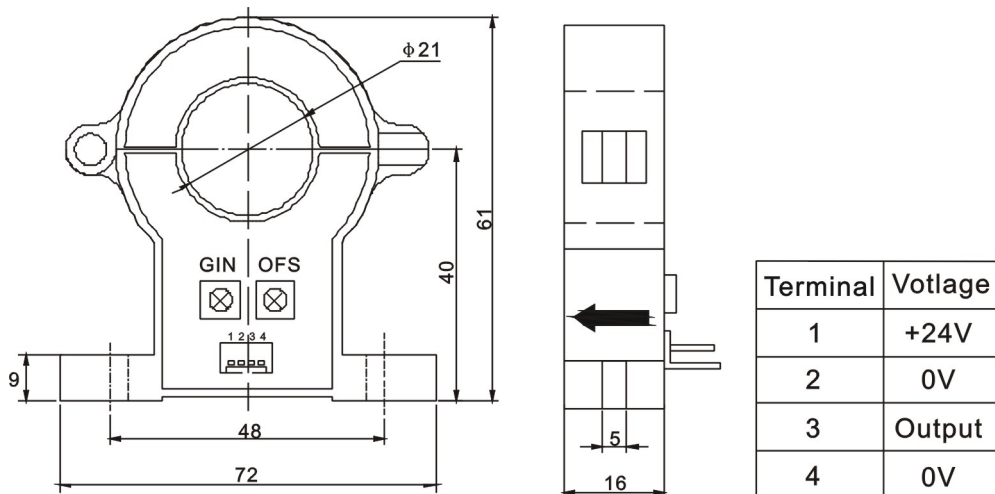
HKC-EKASY Series Hall Effect Current Sensor

The HKC-EKASY 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

	HKC50EKASY	HKC100EKASY	HKC200EKASY	HKC500EKASY	
Rated input current (DC)	±50	±100	±200	±500	A
Measure Current Range (DC)	±75	±150	±300	±750	A
Rated Output Current (DC)	4~20±1.5%		4~20±1%		mA
Supply Voltage				24±5%	V
Offset Current				4±1%	mA
Offset Current Drift				≤±0.02	mA/°C
Linearity				≤±1	%FS
Response Time				≤100	mS
bandwidth				DC	HZ
Insulation voltage	50HZ,1min				2.5 KV
Operating Temperature				-20~+70	°C
Storage Temperature				-25~+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.