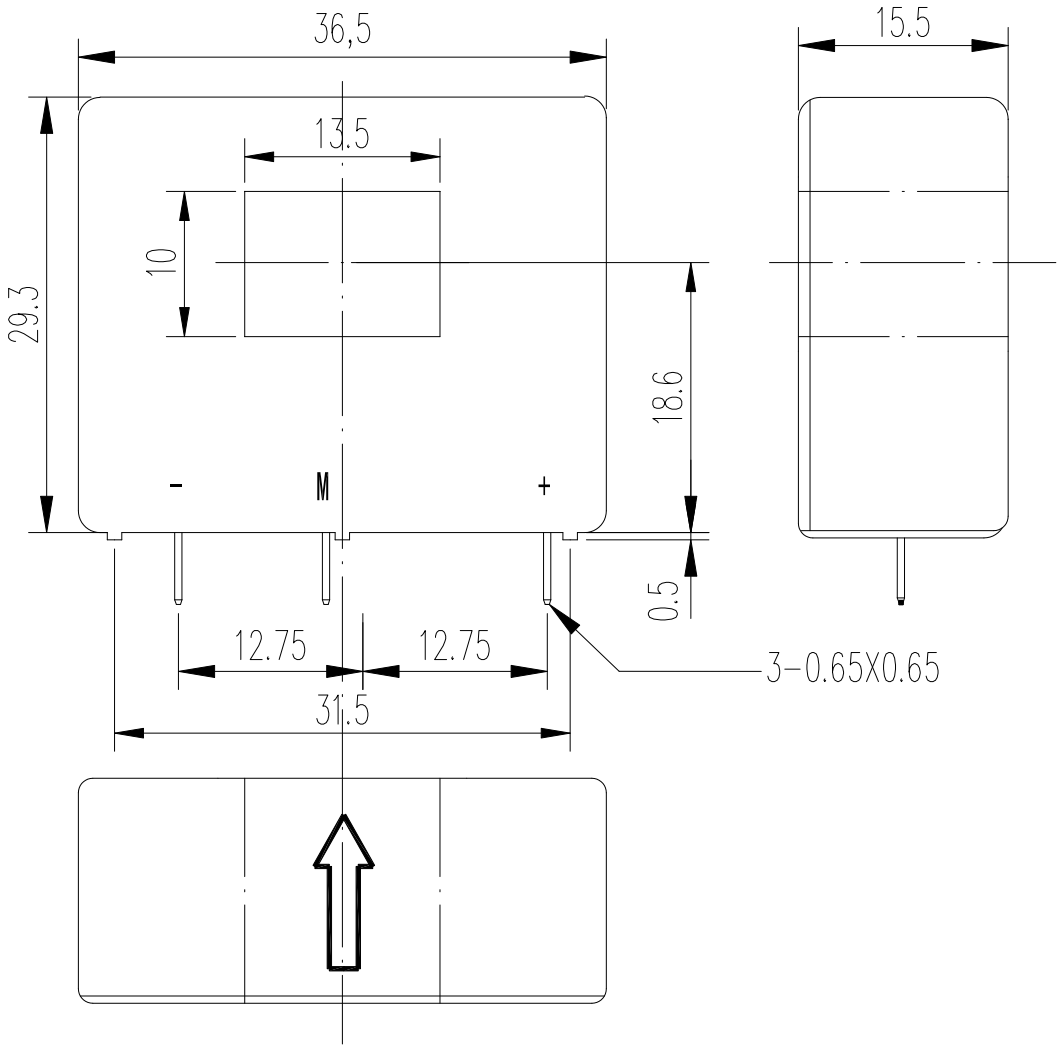
HBC125LP/125mA Hall Effect Current Sensor

The HBC125LP/125mA 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 or pulsed currents.

2. MUTING DIMENSIONS(FOR REFERENCEONLY)



3. ELECTRICAL DATA

Rated input Current	125	A
Test current range	180	A
Turns ratio	1:1000	
Rated output voltage	125±0.5%	mA
Supply Voltage	±15 ±5%	V
Static current consumption	≤±18	mA
Zero current maladjustment	±0.2	mA
Offset Voltage Drift	≤±0.015	mA/℃
Linearity	≤0.2	%FS
Response Time	<1	μS
Isolation voltage 50HZ,1min	2.5	KV
Operating Temperature	-20～+85	℃
Storage Temperature	-25～+85	℃

4. 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.