Hall closed loop current sensor

Model：HAS2009

Epoxy potting plug terminal, leading wire or PCB welding output.AC/DC motor, current and voltage detection, battery powered, charging current detection, welding machine, inverter, automatic elevator, crane, papermaking,printing presses, injection molding machine, elevator Mechanical and electrical equipment such as AC/DC current/voltage detection



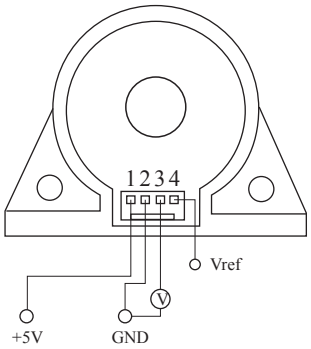
Technical indicators:

Flame resistance：UL94-V0
Working temperature：-25～+70℃
Storage temperature：-40～+85℃
Bandwidth：DC～150kHz
Dielectric strength：3.5KV 50Hz 1min

Electrical parameters:

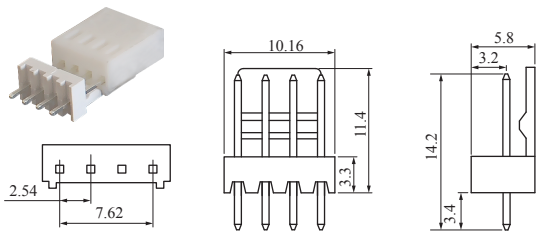
I_P	Rated input	±50	A
I_{PM}	Input measured range	±75	A
V_{OUT}	Rated output	2.5±0.625	V
X	Accuracy	0.5	%
ε_L	Linearity	＜0.1	%
V_C	Supply voltage(±5%)	+5	V
I_C	Current consumption	＜40	mA+Im
R_L	Load impedance	≥2K	Ω
V_{OE}	Zero offsetTA=25℃	≤±15	mV
T_R	Response time	＜1	μs
N.W	Weight	40	g

Connection Diagram:



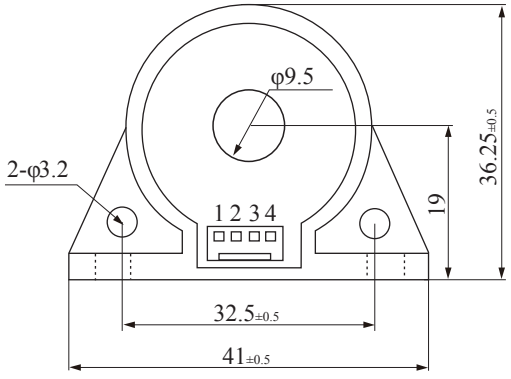
Terminal definition
1：+V
2：0V
3：Vout
4：Vref

connector schematic diagram:

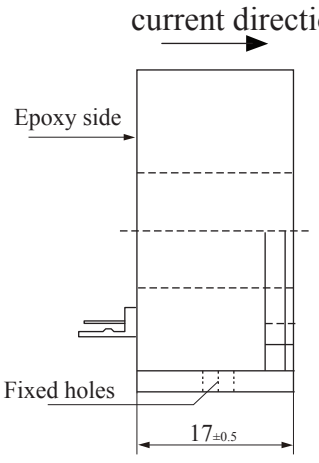


Cold-press terminal plug /socket,Distance 2.54，Stitch size 0.5×0.5

Dimensions（ in mm）:



Front view



Side view