Hall split core current sensor

Model：HST6416

Open loop split core type,Sub-plate installation.
Detect DC,AC and pulse current.



Technical indicators:

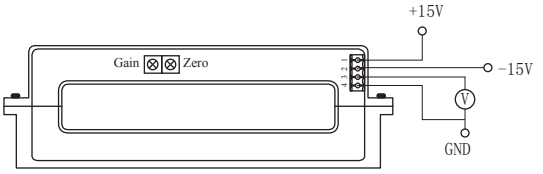
Flame resistance：UL94-V0
Working temperature：-10～+70℃
Storage temperature：-40～+85℃
Bandwidth：DC～50kHz
Dielectric strength：6KV 50Hz 1min

Electrical parameters:

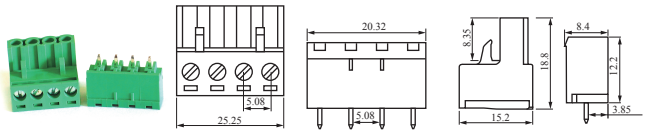
I_P	Rated input	±2000	A
I_{PM}	Input measured range	±3000	A
V_{OUT}	Rated output	±4	V
X	Accuracy	1	%
ε_L	Linearity	＜0.1	%
V_C	Supply voltage(±5%)	±15	V
I_C	Current consumption	±15	mA
R_L	Load impedance	≥10K	Ω
V_{OE}	Zero offsetTA=25℃	≤±15	mV
T_R	Response time	＜3	μs
N.W	Weight	512	g

Connection Diagram:

Terminal definition
1:+15V
2:-15V
3:Vout
4:0V

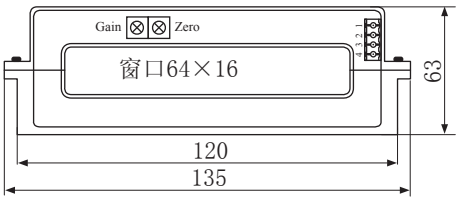


Connector schematic diagram:

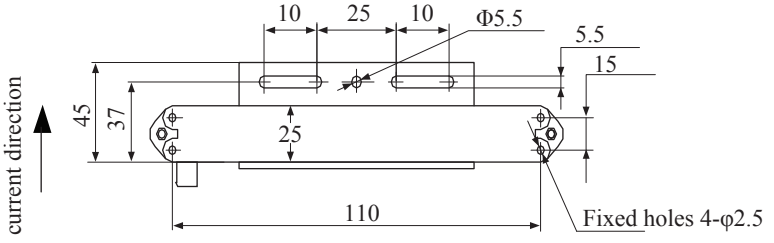


Terminal connector,Distance 5.08， Stitch size 1×1

Dimensions（ in mm）:



Front view



Bottom view