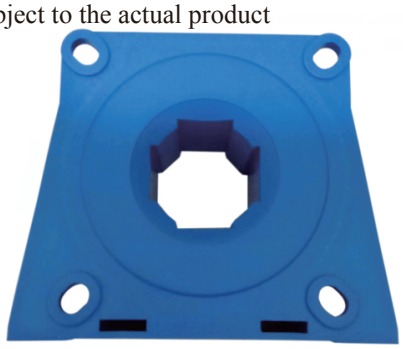
HA5020

Product characteristics:

Plug-in terminal output, plate installation, wrong wiring will cause product damage,Measure the DC and AC pulse current, output in a linear relationship with the primary detection current,The output signal can directly enter the automatic control equipment or PLC port.

Product picture printing is for reference only, subject to the actual product



Technical Index:

Flame resistance：UL94-V0

Working temperature：-10℃～+70℃

Storage temperature：-25℃～+70℃

Dielectric strength：3KV 50Hz 1min

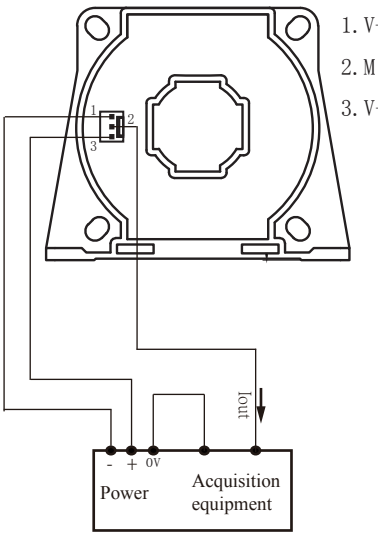
Electrical parameters:The following parameters are typical values. The actual values shall be subject to the actual measurement of the product

I_{Pn} Rated input	±100	±100	±200	±300	±300	A
I_{PM} Input measurement range	±150	±150	±300	±450	±450	A
I_{OUT} Rated output	±50	±100	±100	±100	±150	mA
X Accuracy	0.5					%
ε_L Linearity	0.1					%
V_C Supply voltage(±5%)	±12/±15/±12~±20					V
I_C Current consumption	≤38					mA+Is
R_L Load impedance	-					Ω
I_{OE} Zero offset voltage	≤±0.15					mA
T_R Response time	≤1					μs
BW Band width	DC~100					KHz
N.W Weight	-					g

Wiring diagram:

Terminal definition:

1. V-
2. M
3. V+



※Detection:

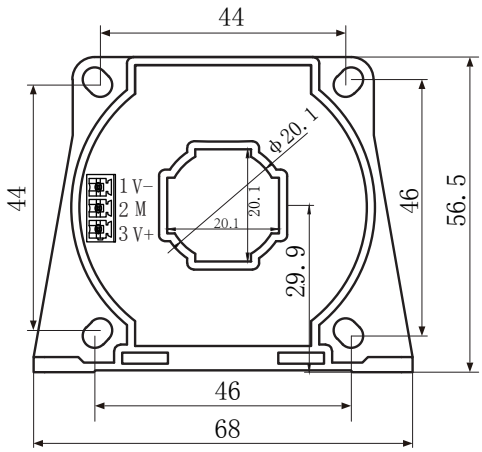
①Choose the auxiliary power supply with small ripple (≤20mV)

②Switch on auxiliary power

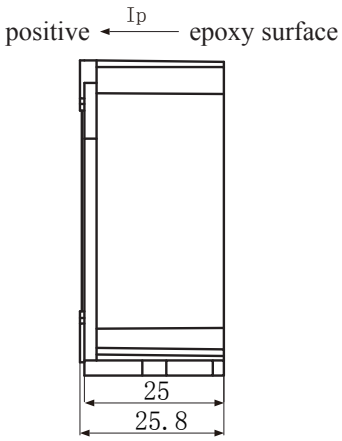
③The auxiliary power is connected to the sensor

④The sensor detects the primary current

Dimensions(in mm±0.5）：



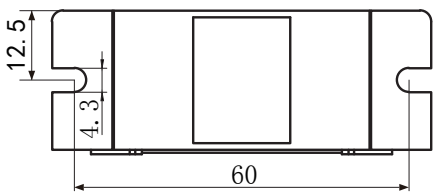
Front view



Side view

Connector：

KF2EDGK-3.81-3P spacing3.81mm



Bottom view