

Model : HSTS21

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

Technical indicators:

Flame resistance: UL94-V0

Working temperature: $-10\sim+70^{\circ}\text{C}$

Storage temperature: $-40\sim+85^{\circ}\text{C}$

Bandwidth: DC $\sim$ 25kHz

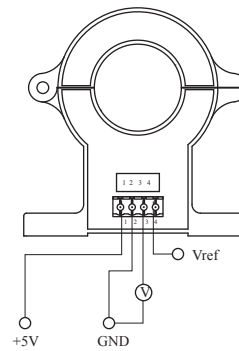
Dielectric strength: 2.5KV 50Hz 1min



Electrical parameters:

I_p	Rated input	± 400	A
I_{PM}	Input measured range	± 1000	A
V_{OUT}	Rated output	2.5 ± 0.625	V
X	Accuracy	1	%
$\mathcal{E}_L$	Linearity	< 0.1	%
V_C	Supply voltage($\pm 5\%$)	+5	V
I_C	Current consumption	± 15	mA
R_L	Load impedance	$\geq 10K$	Ω
V_{OE}	Zero offset $T_A=25^{\circ}\text{C}$	$\leq \pm 15$	mV
T_R	Response time	< 3	μs
N.W	Weight	72	g

Connection Diagram:



Terminal definition

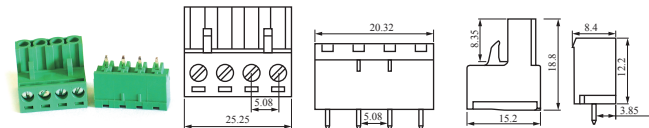
1: +5V

2: 0V

3: Vout

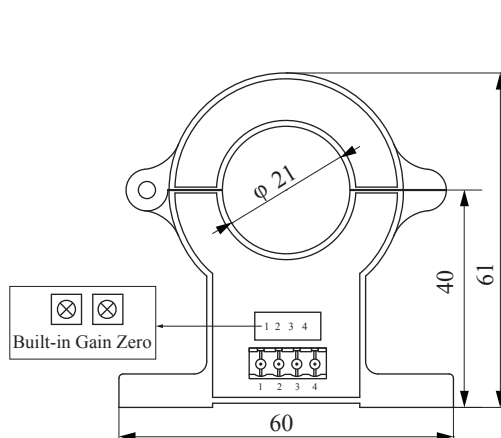
4: Vref

Connector schematic diagram:

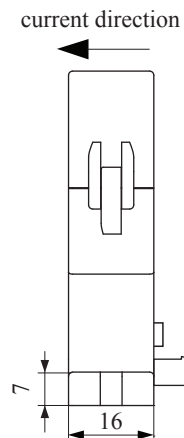


Dimensions (in mm) :

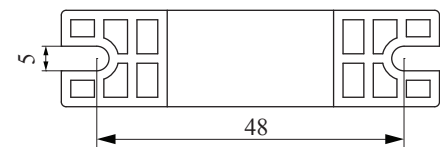
Terminal connector, Distance 5.08, Stitch size 1×1



Front view



Side view



Bottom view