

Hall voltage sensor



Model: HVS301GB

Sub-plate installation, closed loop current type;
Crimping terminal input/output; Current limiting
resistance and sampling resistance built-in, input and
output voltage directly. Detect DC,AC and pulse voltage.

Technical Index:

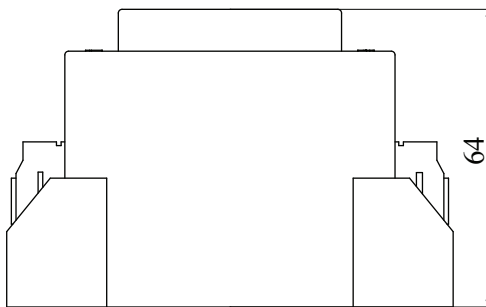
- Flame resistance: UL94-V0
- Working temperature: -10~+70℃
- Storage temperature: -25~+70℃
- Dielectric strength: 3.5KV 50Hz 1min



Electrical parameters:

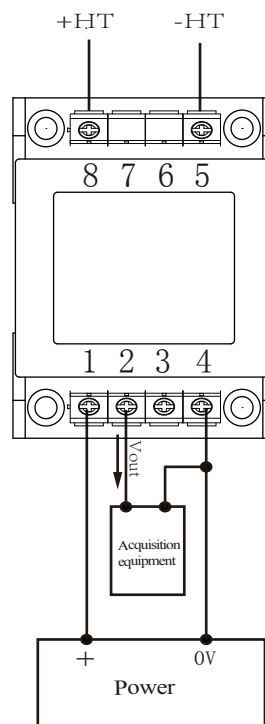
V_P	Rated input	± 1000	± 2000	V
V_{PM}	Input measured range	± 1500	± 3000	V
V_{OUT}	Rated output	2.5 ± 0.625		V
X	Accuracy	1		%
ϵ_L	Linearity	0.2		%
V_C	Supply voltage($\pm 5\%$)	+5		V
I_C	Current consumption	≤ 20		mA+Is
R_L	Load impedance	$\geq 10K$		Ω
V_{OE}	Zero offset TA=25℃	$\leq \pm 30$		mV
T_R	Response time	40~200		μs
N.W	Weight	514		g

Dimensions (in mm) :



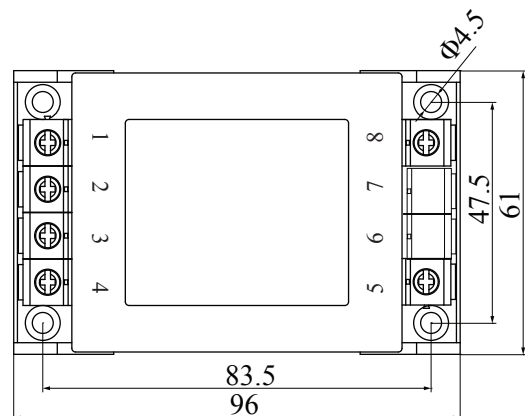
Front view

Connection diagram:



Terminal definition:

- 1: +V
- 2: Vout
- 3: Vref
- 4: 0V
- 5: -HT
- 8: +HT
- 6: Air terminal
- 7: Air terminal



Top View