NANA ENGINEERING

High Quality HVT Type Voltage Sensor

Bipolar power supply Chassis mounting

Features

Low thermal drift

Extended measuring range

Voltage detector for AC and DC

Excellent linearity

Completely insulated from the primary side

Open Loop Type

RoHS Compliant

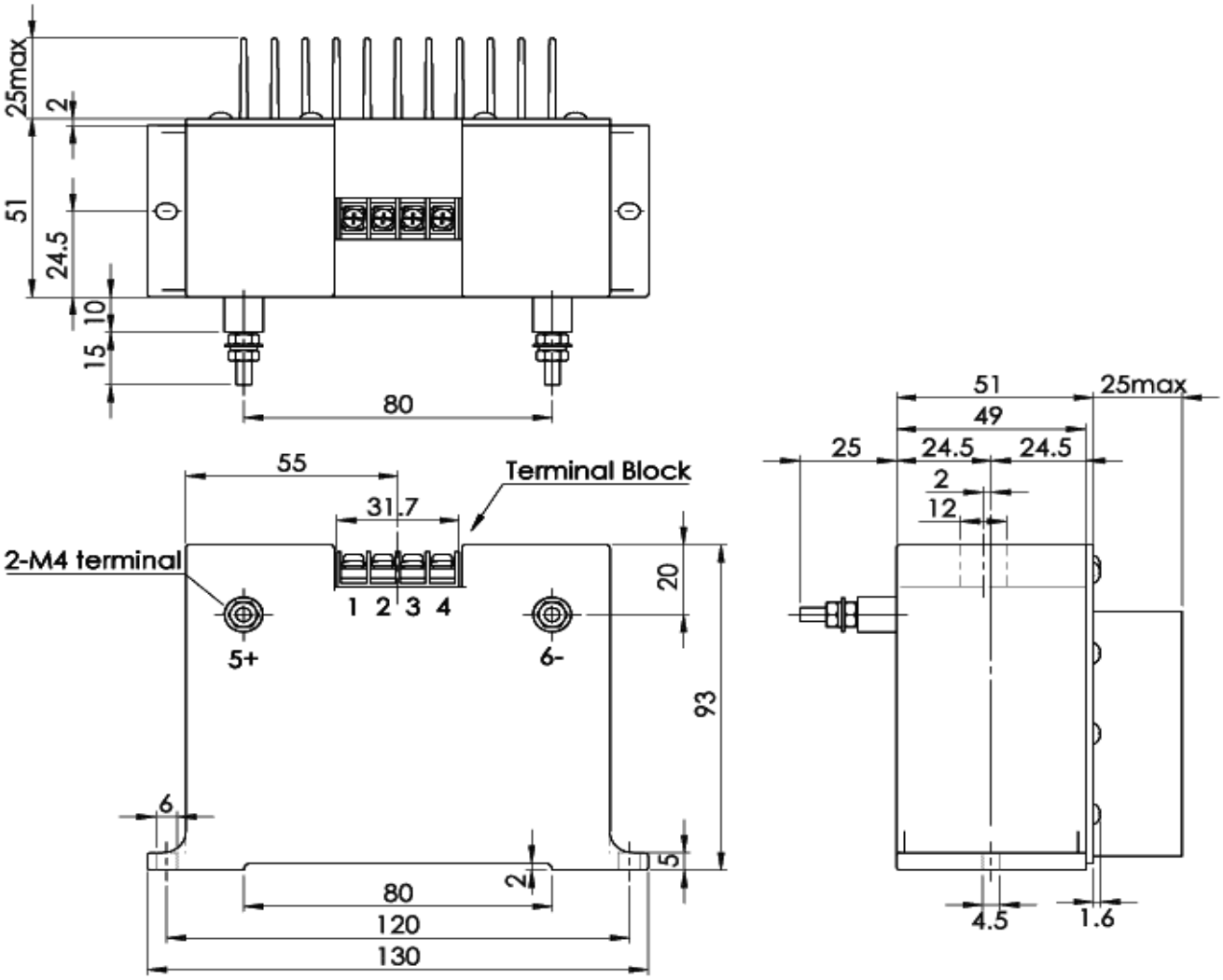
Specifications

Ta=25℃

Product name	Code:2281		HVT-1000
	Symbol	Unit	
Nominal input Voltage	Vin	V	±1000
Saturation Voltage	Vin(s)	V	±1400
Nominal Output Voltage	Vout	V	±4±0.080 [at Vin]
Offset Voltage	Vo	V	0±0.030 [at 0V]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	±25 Max.
Response Speed	Trr	μsec	50 Max.
Thermal Drift of Vh		%/℃	Within±0.08 [at V=V(in)]
Thermal Drift of Vo		mV/℃	Within ±1.5 [at V=0]
Dielectric Strength		kV	AC 2.5 [with 50 or 60 Hz 1min.]
Insulation Resistance		Ω	500M Min. [at 500V DC]
Operating Temperature	Ta	℃	-20 to +70
Storage Temperature	Ts	℃	-25 to +85

Dimensions

Unit : mm

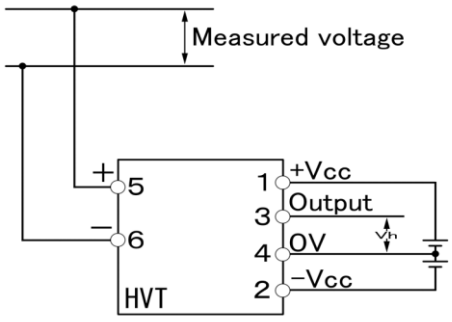


Terminal Block Type[F2060AX-4P(M3)] Maker[FUJICON]

HVT-21036

Product Name	Mass
HVT-1000	400g

Connection



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*The specification (in this catalogue) are subject to minor changes without prior notice.

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