NANA ENGINEERING

High Quality CA Type Current Sensor

Bipolar power supply Chassis mounting

Features

High reliability

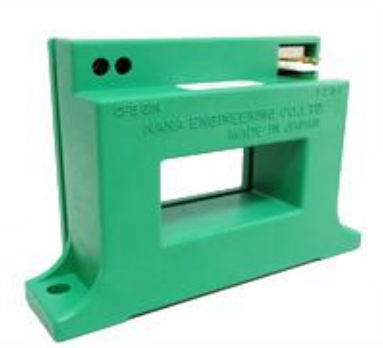
For large current

Low power consumption

Extended measuring range

Open Loop Type

RoHS Compliant



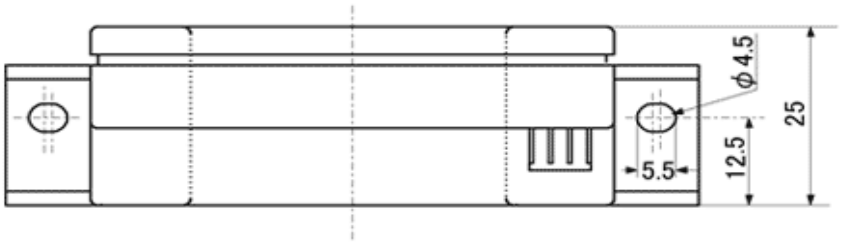
Specifications

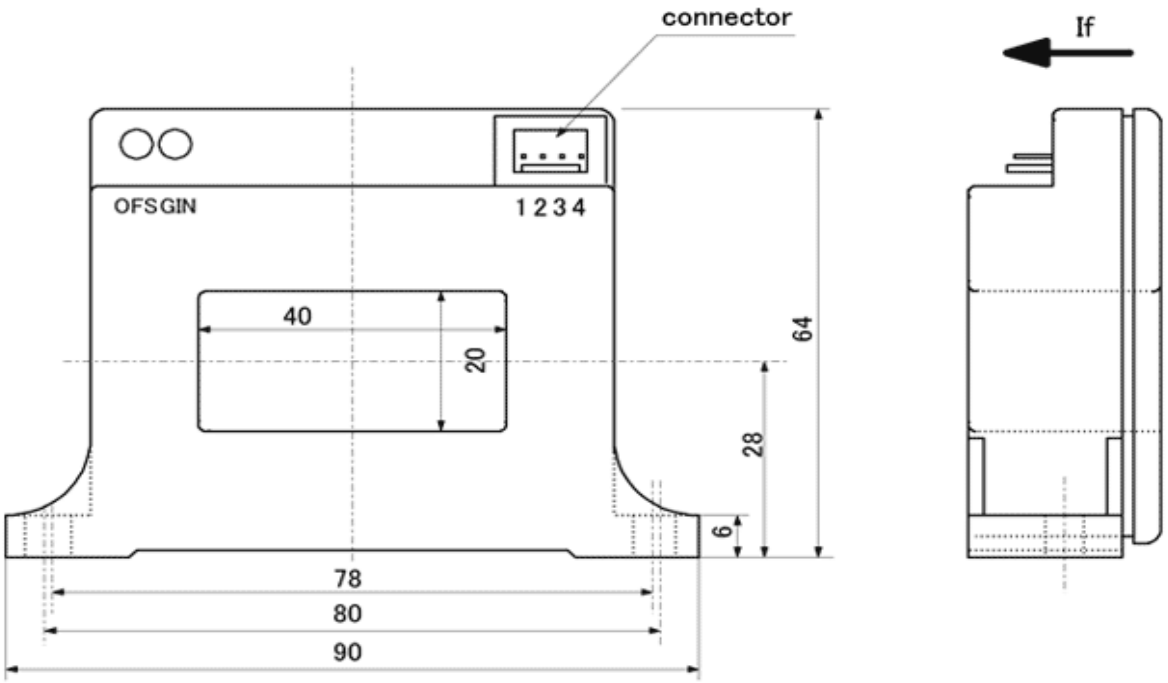
Ta=25℃

Product name	Code:1501		CA-010
	Symbol	Unit	
Nominal input current	If(n)	AT	±100
Saturation current	If(s)	AT	±300
Nominal Output Voltage	Vh	V	±4±0.040 [at If(n)]
Load resistance	RL	Ω	10k
Offset Voltage	Vo	V	0±0.030 [at 0A]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	±20 Max.
Response Speed	Trr	μsec	5 Max. [at di/dt=If(n)/μsec]
Thermal Drift of Vh		%/℃	±0.07 Max. [at If(n)]
Thermal Drift of Vo		mV/℃	±1 Max. [at 0A]
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 +80
Storage Temperature	Ts	℃	-25 to +85
Hysteresis Error		mV	±30 Max. [at If --> 0]

Dimensions

Unit : mm



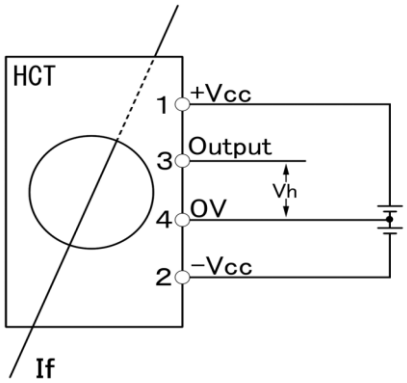


Connector Type[22-11-1041] Maker[Molex]

CA-21008

Product Name	Mass
CA-010	214g

Connection



NANA ENGINEERING CO.,LTD.
Machida 310 Irago building 4F
1-22-5 Morino, Machida-shi, Tokyo 194-0022
E-Mail : nanaeng_sales@nana-e.com
URL : http://www.nana-e.com

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

The edition of March 2023