NANA ENGINEERING

High Quality CEH Type Current Sensor

Bipolar power supply Chassis mounting

Features

Open Loop Type

RoHS Compliant

High reliability

For large current

Low power consumption

Extended measuring range

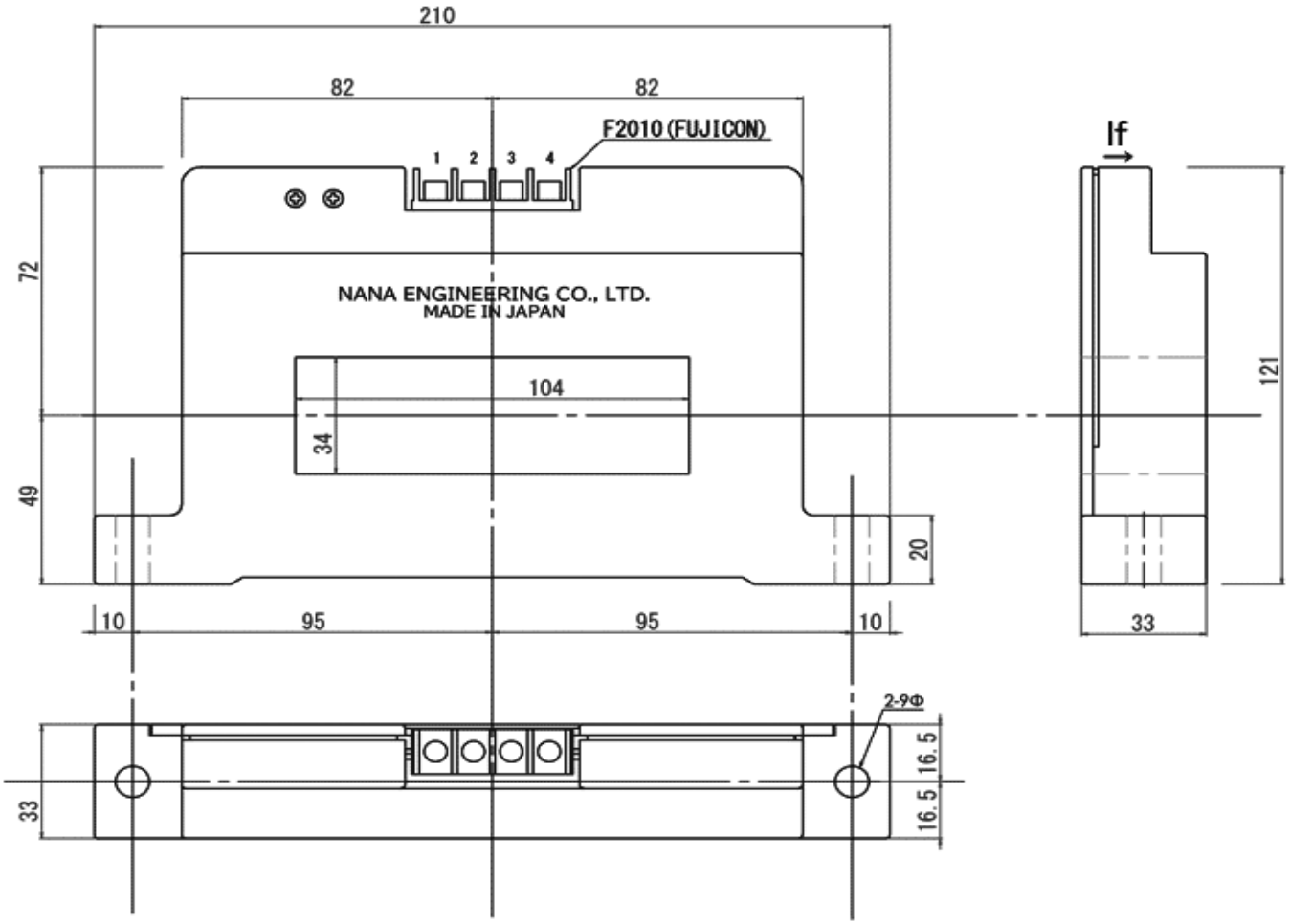
Specifications

Ta=25℃

Product name	Code:1896		CEH-100
	Symbol	Unit	
Nominal input current	If(n)	AT	±10000
Saturation current	If(s)	AT	±11000
Nominal Output Voltage	Vh	V	±10±0.100 [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	±35 Max.
Response Speed	Trr	μsec	15 Max. [at di/dt=100A/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

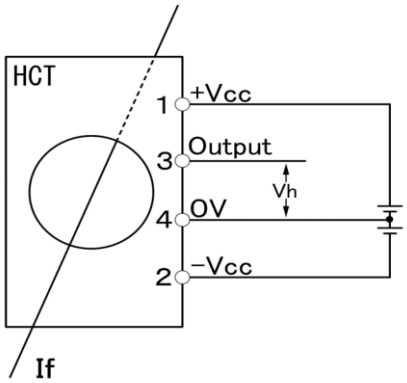


Terminal Block Type[F2010(M4)] Maker[FUJICON]

CEH-21028

Product Name	Mass
CEH-100	1610g

Connection



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

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