NANA ENGINEERING

High Quality **CZ Type Current Sensor**

Bipolar power supply Chassis mounting

Features

High reliability

For large current

Low power consumption

Extended measuring range

For railway

Open Loop Type

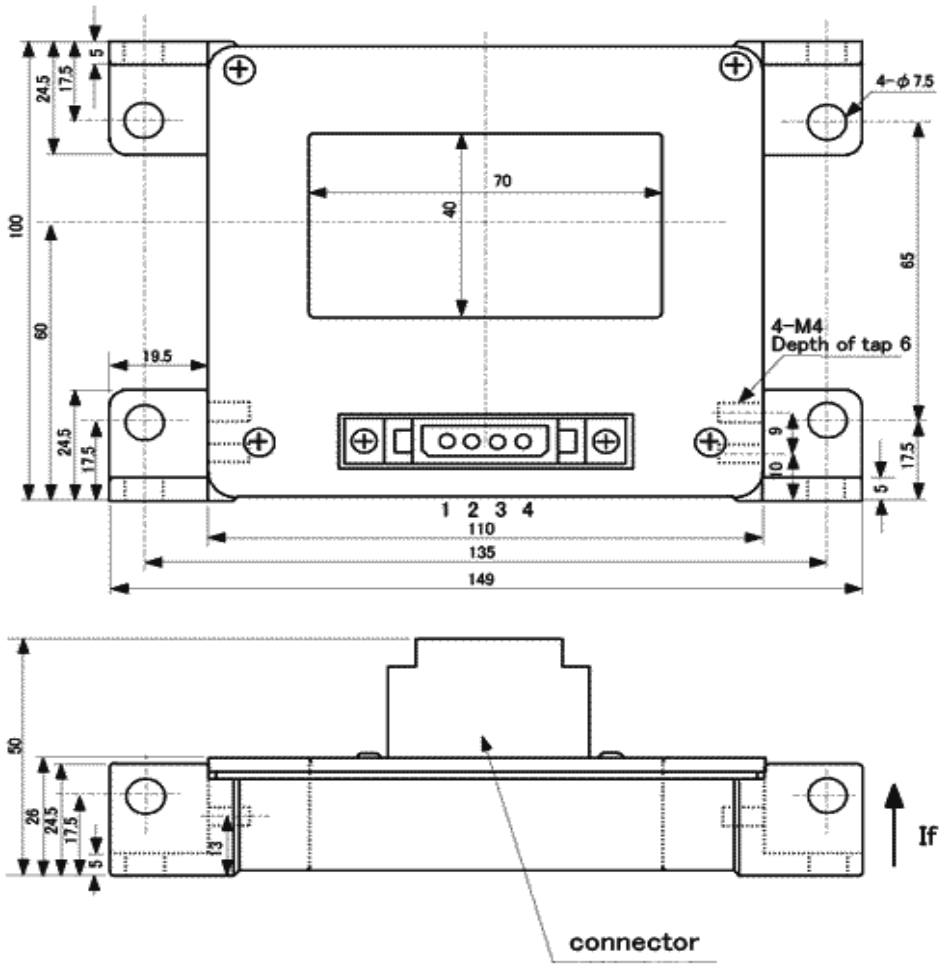
RoHS Compliant

Specifications

Ta=25℃

Product name	Code:2089		CZ-1000
	Symbol	Unit	
Nominal input current	If(n)	AT	±1000
Saturation current	If(s)	AT	±1200
Nominal Output Voltage	Vh	V	±10±0.100 [at If(n)]
Load resistance	RL	Ω	2k
Offset Voltage	Vo	V	0±0.030 [at 0A]
Supply Voltage	Vcc	V DC	±15±3%
Consumption Current	Icc	mA	±20 Max.
Response Speed	Trr	μsec	50 Max. [at di/dt=100A/μsec]
Thermal Drift of Vh		%/℃	±0.05 Max. [at Ta=-35 to+80℃]
Thermal Drift of Vo		mV/℃	±1 Max. [at Ta=-35 to+80℃]
Dielectric Strength		kV	AC 2.5 [with 50 or 60 Hz 1min.]
Insulation Resistance		Ω	500M Min. [at 500V DC]
Operating Temperature	Ta	℃	-40 to +85
Storage Temperature	Ts	℃	-40 to +85
Hysteresis Error		mV	50 Max. [at If --> 0]

Dimensions Unit : mm

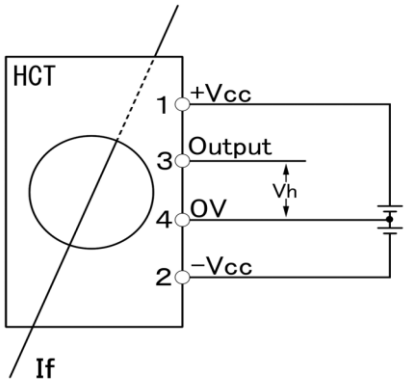


Connector Type[TE34-4-16P-F0] Maker[JAE]

CZ-21021

Product Name	Mass
CZ-1000	570g

Connection



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*The specification (in this catalogue) are subject to minor changes without prior notice. The edition of March 2023