

Hall Current Sensors

Magnetic proportion system **Temperature-compensating High-precision**  
Current Sensor

Penetration-type  
chassis-attached  
(±1000A~±6000A)

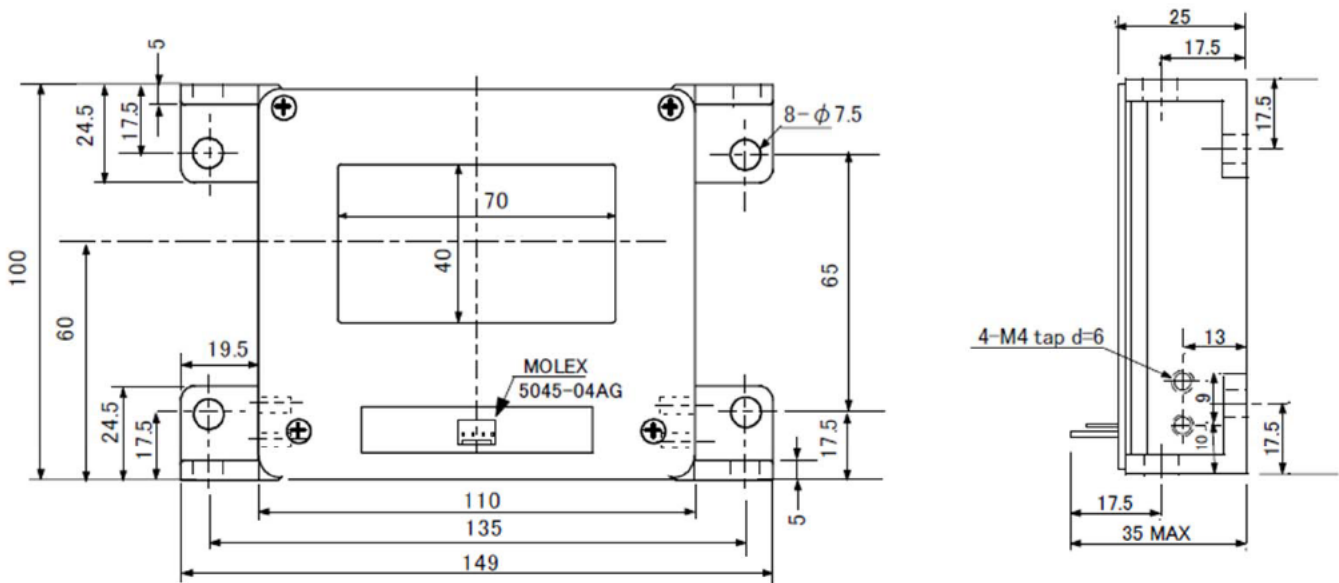
**Uses** Large-capacity inverters AC/DC servo motors Elevators Electric railways Transportation devices  
FA devices Machine tools Welding machines Power monitoring systems UPS UPS Solar systems  
Wind power generation Plating machines Power sources

**Main Electrical Characteristics Main Specifications**

Ta=25°C

Parameter	Symbol	Unit	Model					
			CZL-100	CZL-200	CZL-300	CZL-400	CZL-600	
Primary nominal current	If (n)	A	±1000A	±2000A	±3000A	±4000A	±6000A	
Linearity limits		A	0~±2700A	0~±4000A	0~±6000A	0~±6500A	0~±7000A	
Rated output voltage	Vout	V	±4V ±1% at If=If(n)					±10V±1%
Load resistance	RL	Ω	10kΩ					
Linearity error	εL	%	≒±1% of Vout					
Supply voltage	Vcc	V	±15V ±5%					
Current consumption	Ic	mA	≒±25mA					
Ambient operating temp.	Ta	°C	-15°C~+80°C					
Ambient storage temp.	Ts	°C	-15°C~+85°C					

**CZL-000 Series Outline Drawing (Unit: mm)**



**Terminal connection numbers**

- 1: +15V
- 2: -15V
- 3: OUT PUT
- 4: 0V