

Uses Inverters Servo drivers Power sources Welding machines Solar systems UPS Elevators NC machine tools

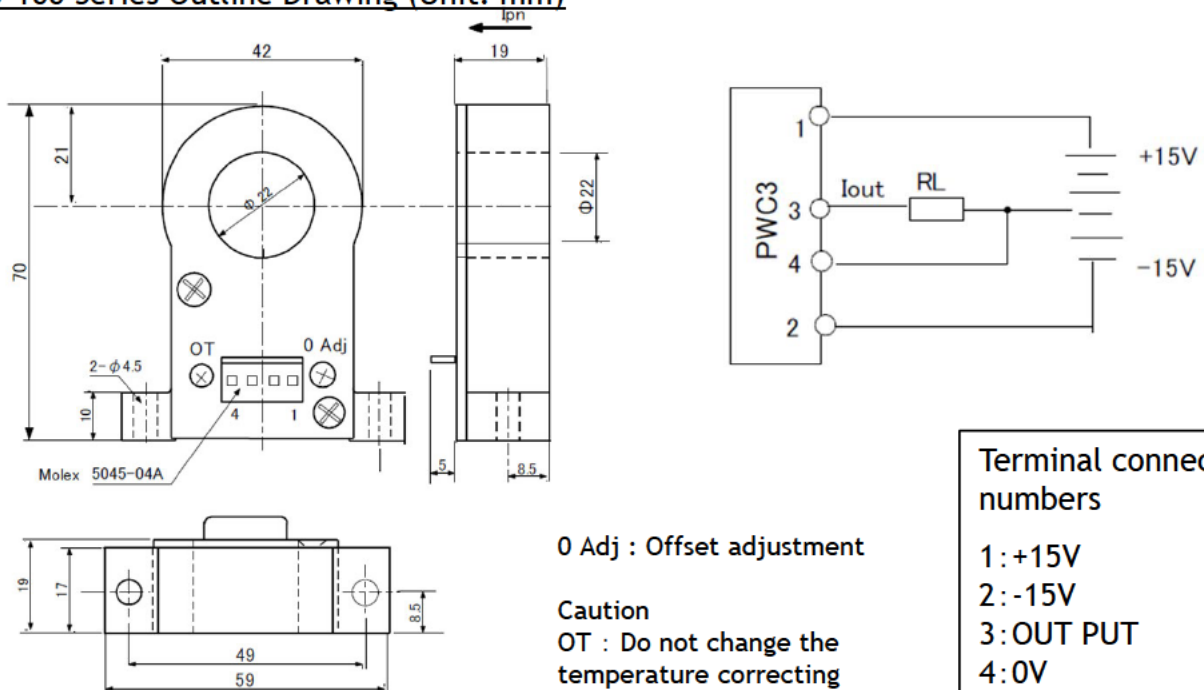
Main Electrical Characteristics Main Specifications

Ta=25°C

Parameter	Symbol	Unit	Conditions	Model
				PWC3-100
Primary nominal current	If (n)	A	DC (AC Peak)	0~±100A
Measurable range*1	Ip	A	DC (AC Peak)	0~±100A
Rated output current	Iout	mA	If (n)	±50mA ±1%
Load resistance	RL	Ω	Recommended value	80Ω
			Minimum value	2Ω
			Maximum value	$RL \leq 2200 / (Ip) - 91$
Linearity error	εL	%		±0.2%
Offset current	Iof	mA	If (n)=0	±0.3mA *2
Supply voltage	Vcc	V		±15V ±5%
Current consumption	Ic	mA		$I_{pn} / 2000 + 30mA$
Ambient operating temp.	Ta	°C		-15°C~+80°C
Ambient storage temp.	Ts	°C		-20°C~+85°C

\*1 Measurable range: Maximum measurable current \*2 Includes hysteresis and electrical circuit offset

PWC3-100 Series Outline Drawing (Unit: mm)



0 Adj : Offset adjustment

Caution  
OT : Do not change the temperature correcting variable resistor.

Terminal connection numbers

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