



Thousand Hundred Industrial Co., Ltd.

AC Current Transformer 50/60 Hz

Potential Transformer

ella@thic.net

■ UL/CE-Approved & Fully ROHS Compliant

■ Conforms to IEC 60044-1

- Frequency Range:50 /60Hz
- Operating temperature range: -40°C to +85°C
- Storage Temperature Range :-45°C to +90°C
- Rated Primary Voltage V1(V) :
100 , 100√3 , 150 , 220 , 380 , 300 ,400. 480V
- Rated current ratio of the current transformer 1mA/1mA (2mA/2mA)
- Accuracy Class: 1.0% @RL≤100Ω
- Linearity Class: 0.1% @RL≤100Ω
- ALL Current , Voltage refer to rms value
- Isolated Voltage:4000V AC

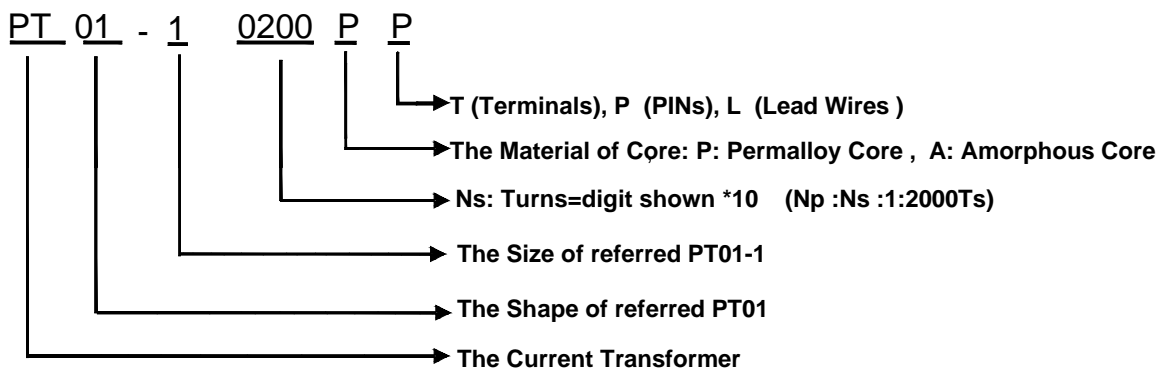
■ PT -P and PT -A

- For Super Accuracy 50/60Hz Current Transformer

Applications

- [Precision power meter.](#)
- [Current measurements.](#)
- [Power monitoring.](#)

Nomination





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Part Number	Electrical Characteristic				Mechanical Dimensions			SPEC Download/ Link
	Current Ratio	Accuracy Class (%)	Turns Ratio (Np: Ns)	RL (Ω)	mm/inch			
					OD	W	H	
PT011100 PP	2mA / 2mA	±1	1000: 1000	100	28.4 1.118	26.8 1.055	17.7 0.697	 
PT011200 PP	2mA / 2mA	±1	2000: 2000	100				
PT011100 AP	2mA / 2mA	±1	1000: 1000	100				
PT011200 AP	2mA / 2mA	±1	2000: 2000	100				
PT011200 PL	1mA / 1mA	±1	2000: 2000	100				
PT011200 AL	1mA / 1mA	±1	2000: 2000	100				

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	Current Ratio	Accuracy Class (%)	Turns Ratio (Np: Ns)	RL (Ω)	mm/inch			
					OD	W	H	
PT012200 PP	2mA / 2mA	±1	2000: 2000	100	28 1.102	28 1.102	24.2 0.953	 
PT012200 AP	2mA / 2mA	±1	2000: 2000	100				
PT012200 PL	2mA / 2mA	±1	2000: 2000	100				
PT012200 AL	2mA / 2mA	±1	2000: 2000	100				

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					OD	W	H	
PT013100 PP	1mA/ 1mA	±1	1000: 1000	100	20.0 0.787	18.6 0.732	20.4 0.803	 
PT013100 AP	1mA/ 1mA	±1	1000: 1000	100				
PT013200 PP	2mA / 2mA	±1	2000: 2000	100				
PT013200 AP	2mA / 2mA	±1	2000: 2000	100				
PT013200 PL	2mA / 2mA	±1	2000: 2000	100				
PT013200 AL	2mA / 2mA	±1	2000: 2000	100				