



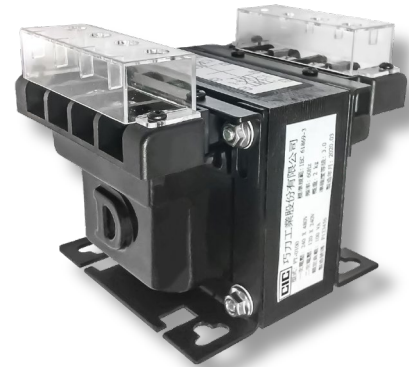
Low-Voltage Control Power Transformers and Voltage Transformers

CPT Series

Introduction

Suitable for use with machine tools or industrial equipment as a control transformer (CTR), this product is often referred to as an "industrial control transformer," "machine tool transformer," or "control power transformer (CPT)." This versatile single-phase transformer, resin-insulated for Class-A or Class-F insulation, can also be installed in low-voltage main panels or motor control panels as an auxiliary power source. This compact and economical product is easy to install.

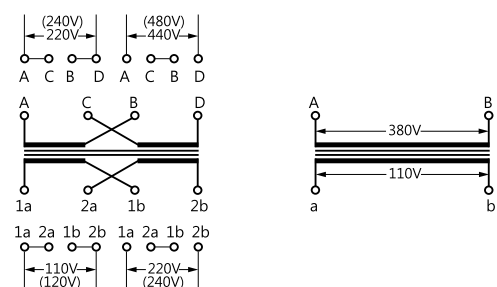
Some models can serve as a voltage transformer (potential transformer), used in conjunction with measuring or monitoring instruments. These voltage transformers have a burden of 500VA (or below) and a Class 0.5 or Class 1.0 accuracy according to IEC's standard for voltage transformers.



Specifications

- Standard: CNS, IEC or IEEE
- Phase: Single-Phase
- Frequency: 50 Hz
- AC/BIL: 3/- kV
- Insulated with epoxy resin for Class-A or Class-F insulation.
- Conformance with UL safety requirements and regulations.
- Highly resistant to moisture, heat, and dust — appropriate for use at highly polluted locations.
- Both the primary and secondary windings can be connected either in series or parallel to provide or produce different voltages.
- Terminal covers included for protection against electrical shock.
- Other standards and specifications upon request.

Wiring Diagrams



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ISO 9001
ISO 14001

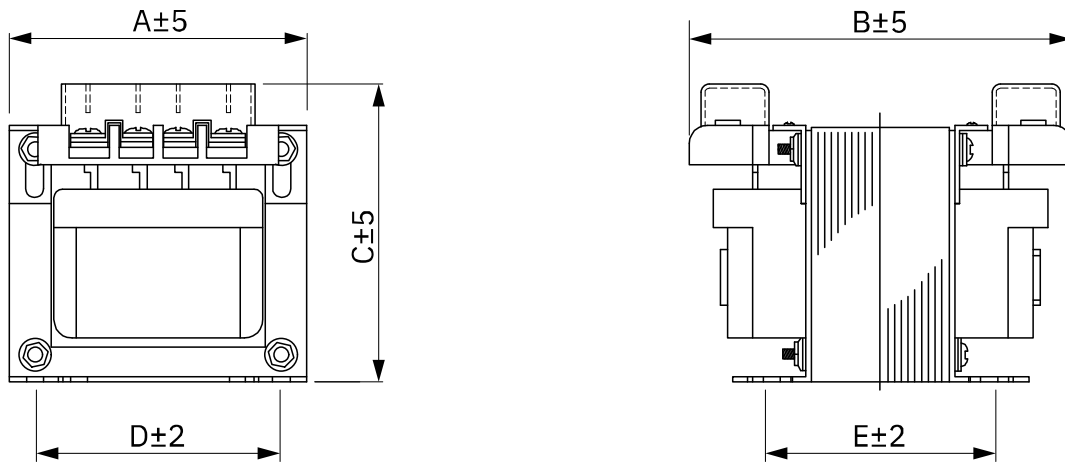


Technology
Transfer

TR11401CPT-1

Drawings and Selection Table

(Unit: mm)



Model	Primary Voltage (V)	Secondary Voltage (V)	Burden (VA)			Outline Dimensions (mm)					Class of Insulation	Approx. Weight (kg)
			CTR*	PT**								
			-	Accuracy		A	B	C	D	E		
				1.0	0.5							
PT-0075	220 (240) or 440 (480) or 380	110 (120) or 220 (240)	50	10	-	76.5	117	82	63	65	A	1.8
PT-0100			75	20	-	86.5	113	88	71.5	64		2.0
PT-0150			100	50	15	96.5	124	96.5	80	73		3.2
PT-0250			200	75	25	114.5	118.5	114	100	73		4.1
PT-0350			300	100	50	114.5	141.5	114	100	95.5		5.6
PT-0500			350	200	100	133.5	144.5	128	111	93		8.3
PT-0600			400	300	150	133.5	156.5	128	111	105		9.3
PT-0750			500	400	200	133.5	171.5	128	111	133.3		10.6
PT-1000			750	450	250	133.5	183.5	128	111	134		12.1
PT-1500			1000	500	-	192.5	158	178	135	120		16.5
PT-2000			1500	-	-	192.5	183	178	135	145	F	21.0
PT-3000			2000	-	-	192.5	203	178	135	165		25.6

* CTR: Control Transformer

** PT: Potential Transformer (Voltage Transformer)