

Machine Tool Transformers T&X Series



Machine Tool transformers, T&X series is part of our comprehensive family of Machine Tool and Control Power transformers that provide long life, quiet and reliable operation.

Application

Machine tool transformers provide a means of stepping down voltages for machine tool control devices and industrial control panels.

Designed and built to provide voltage to the load while accommodating the high current levels present at inrush.

Target markets

Available for sale in the United States and are UL listed.

- Selected units are cUL or CSA
- Selected units are CE rated

Product highlights

Safe, smart, and sustainable



Safe

Pressure plate terminals ensure secure connections.



Smart

Slotted installation feet help make installation easier.



Sustainable

Copper magnet wire provides the highest quality and efficient operation.

Technical characteristics

- 50/60 Hz
- 45 – 5000 VA
- RoHS compliant
- REACH compliant
- Epoxy encapsulated coils up through 750 VA
- Epoxy resin impregnated coils 1000 VA to 5000 VA
- Laminations of high-quality silicon steel
- Molded-in terminals
- IP 20 Touch safe covers available as accessories
- UL E2739
- Selected units are either cUL or CSA
- Selected units are CE rated

Production site

United States

Availability

Order now via [empower flow](#)

Contacts

- ABB sales agent or representative
- ABB regional sales managers
- Patti Hussey, US Product Marketing Manager
- Frank Basciano, Global Product Manager

Product Information

Primary Voltage(s)	Secondary Voltage(s)	VA	Temp Rise °C	Insulation System	Primary Fuse & quantity	Secondary Fuse & quantity	Covers	UL	CSA	CUL	CE Mark (IEC)	Catalog Number
575	24	45	55	105	-	1	-	Yes	Yes	-	-	T6045SF
		45	55	130	-	1	-	Yes	Yes	-	-	T6045S1
		50	55	105	2	1	-	Yes	-	Yes	-	T6050PS1
		75	55	105	2	1	-	Yes	Yes	-	-	T6075PS1
		100	55	105	2	1	-	Yes	Yes	-	-	T6100PS1
		150	55	105	2	1	-	Yes	Yes	-	-	T6150PS1
		200	55	105	2	1	-	Yes	Yes	-	-	T6200PS1
		250	55	105	2	1	-	Yes	Yes	-	-	T6250PS1
		300	55	105	2	1	-	Yes	Yes	-	-	T6300PS1
		350	55	105	2	1	-	Yes	Yes	-	-	T6350PS1
	115	500	80	130	2	1	-	Yes	-	Yes	-	T6500PS1
		750	55	105	2	1	-	Yes	Yes	-	-	T6750PS1
		100	55	105	2	1	-	Yes	Yes	-	-	T6100PSF1
	115/24	500	80	130	2	1	Yes	Yes	-	Yes	-	T6500PSF1/C
460/230/208, 480/240, 440/220/200	115/24	45	55	105	-	1	-	Yes	Yes	-	-	T4045SF1
		50	55	105	2	1	-	Yes	Yes	-	-	T4050PSF1
		75	55	105	2	1	-	Yes	Yes	-	-	T4075PSF1
		100	55	105	2	1	-	Yes	Yes	-	-	T4100PSF1
		150	55	105	2	1	-	Yes	Yes	-	-	T4150PSF1
		300	55	105	2	1	-	Yes	Yes	-	-	T4300PSF1
	115-95	1000	120	180	-	-	-	Yes	Yes	-	-	T61K1
		2000	120	180	-	-	-	Yes	Yes	-	-	T62K1
		3000	120	180	-	-	-	Yes	Yes	-	-	T63K1
		5000	120	180	-	-	-	Yes	Yes	-	-	T65K1
		100	55	105	-	-	Yes	Yes	Yes	-	Yes	TC2100F
	24	200	80	130	-	-	Yes	Yes	-	Yes	Yes	TC2200F
	110/220	100	55	105	2	-	Yes	Yes	Yes	-	Yes	TC3100P21
		500	80	130	-	-	Yes	Yes	Yes	-	Yes	TC350021
	115/24	300	80	130	-	-	Yes	Yes	-	Yes	Yes	TC4300F1
		1500	120	180	-	-	-	Yes	Yes	-	-	X41.5K1
		1000	80	130	-	1	-	Yes	Yes	-	-	X41K1
		2000	120	180	-	1	-	Yes	Yes	-	-	X42K1
		3000	120	180	-	-	-	Yes	Yes	-	-	X43K1
		5000	120	180	-	-	-	Yes	Yes	-	-	X45K1
	115	750	80	130	2	1	-	Yes	-	Yes	-	X4750PS1
		45	55	105	-	1	-	Yes	-	Yes	-	X4045SF1
		50	80	130	2	1	-	Yes	-	Yes	-	X4050PSF1
		75	55	105	2	1	-	Yes	-	Yes	-	X4075PSF1
		100	55	105	2	1	-	Yes	-	Yes	-	X4100PSF1
		150	80	130	2	1	-	Yes	-	Yes	-	X4150PSF1
		200	80	130	2	1	-	Yes	-	Yes	-	X4200PSF1
		250	80	130	2	1	-	Yes	-	Yes	-	X4250PSF1
		300	80	130	2	1	-	Yes	-	Yes	-	X4300PSF1
		350	80	130	2	1	-	Yes	-	Yes	-	X4350PSF1
	115/24	500	80	130	2	1	-	Yes	-	Yes	-	X4500PSF1

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