MOTORTRONICS™
Solid State AC Motor Control

Magnetics Products

MEDIUM VOLTAGE TRANSFORMERS

PATENT 7,737,814

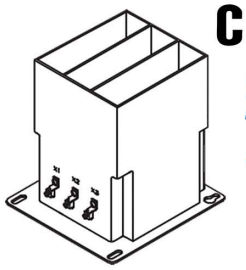
c UL us

INDOOR VOLTAGE TRANSFORMERS

MODEL 3PT3-60

Accuracy Class: 0.3 WX, 0.6M, 1.2Y at 100% rated voltage with 120V base ANSI burden.

CATALOG NO	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	FREQUENCY	THERMAL RATING
3PT3-60-841-FFF	840	7:1	120	60	0.7 kVA at 30ºC
3PT3-60-242-FFF	2400	20:1	120	60	0.7 kVA at 30ºC
3PT3-60-332-FFF	3300	30:1	110	50	0.7 kVA at 30ºC
3PT3-60-422-FFF	4200	35:1	120	60	0.7 kVA at 30ºC
3PT3-60-482-FFF	4800	40:1	120	60	0.7 kVA at 30ºC
3PT3-60-555-FFF	5500	50:1	110	50	0.7 kVA at 30ºC
3PT3-60-602-FFF	6000	50:1	120	60	0.7 kVA at 30ºC
3PT3-60-662-FFF	6600	60:1	110	50	0.7 kVA at 30ºC
3PT3-60-722-FFF	7200	60:1	120	60	0.7 kVA at 30ºC



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5kV Class

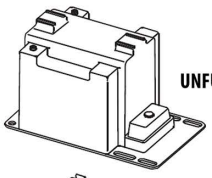
15kV Class

PTG3-1-60 & PTG3-2-60

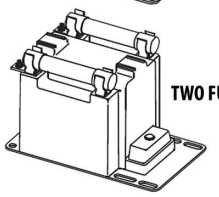
Insulation Level: 5.6 kV, 60kV BIL Full Wave

Accuracy Class: 0.3 WXMY, 0.6M, 1.2Z at 100% rated voltage with 120V based ANSI burden.
0.3 WX, 0.6M, 1.2Y at 58% rated voltage with 69.3V based ANSI burden.

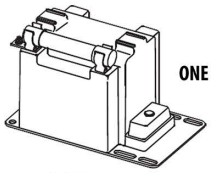
ONE BUSHING						
PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	RFR FR(c)	FUSES	FUSE CLIPS ONLY	SWITCHGEAR STYLE
2400	20:1	120	230	PTG3-1-60-242F	PTG3-1-60-242CSorCL	PTG3-1-60-242S
4200	35:1	120	230	PTG3-1-60-422F	PTG3-1-60-422CSorCL	PTG3-1-60-422S
4800	40:1	120	230	PTG3-1-60-482F	PTG3-1-60-482CSorCL	PTG3-1-60-482S
TWO BUSHING						
PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	UNFUSED	FUSES	FUSE CLIPS ONLY	SWITCHGEAR STYLE
2400	20:1	120	PTG3-2-60-242	PTG3-2-60-242FF	PTG3-2-60-242CCSorCL	PTG3-2-60-242SS
3300	30:1	110-50Hz	PTG3-2-60-332	PTG3-2-60-332FF	PTG3-2-60-332CCSorCL	PTG3-2-60-332SS
4200	35:1	120	PTG3-2-60-422	PTG3-2-60-422FF	PTG3-2-60-422CCSorCL	PTG3-2-60-422SS
4800	40:1	120	PTG3-2-60-482	PTG3-2-60-482FF	PTG3-2-60-482CCSorCL	PTG3-2-60-482SS



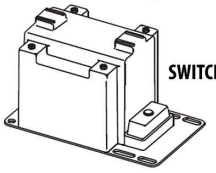
UNFUSED



TWO FUSE



ONE FUSE



SWITCHGEAR STYLE

PTW3-1-60 & PTW3-2-60

Insulation Level: 5.6 kV, 60kV BIL Full Wave

Accuracy Class: 0.3 WXMY, 1.2Z at 100% rated voltage with 120V based ANSI burden.
0.6 WX, 1.2MY at 58% rated voltage with 69.3V based ANSI burden.

ONE BUSHING						
PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	RFR FR(c)	FUSES	FUSE CLIPS ONLY	SWITCHGEAR STYLE
2400	20:1	120	230	PTW3-1-60-242F	PTW3-1-60-242CSorCL	PTW3-1-60-242S
4200	35:1	120	230	PTW3-1-60-422F	PTW3-1-60-422CSorCL	PTW3-1-60-422S
4800	40:1	120	230	PTW3-1-60-482F	PTW3-1-60-482CSorCL	PTW3-1-60-482S
TWO BUSHING						
PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	UNFUSED	FUSES	FUSE CLIPS ONLY	SWITCHGEAR STYLE
2400	20:1	120	PTW3-2-60-242	PTW3-2-60-242FF	PTW3-2-60-242CCSorCL	PTW3-2-60-242SS
3300	30:1	110-50Hz	PTW3-2-60-332	PTW3-2-60-332FF	PTW3-2-60-332CCSorCL	PTW3-2-60-332SS
4200	35:1	120	PTW3-2-60-422	PTW3-2-60-422FF	PTW3-2-60-422CCSorCL	PTW3-2-60-422SS
4800	40:1	120	PTW3-2-60-482	PTW3-2-60-482FF	PTW3-2-60-482CCSorCL	PTW3-2-60-482SS

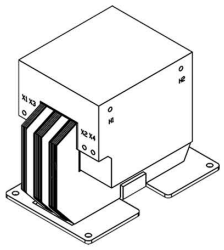
PATENT 7,737,814

MEDIUM VOLTAGE CONTROL POWER TRANSFORMERS

MODEL CPT3-60-2

Insulation Level: 6.9 kV, 60kV BIL Full Wave

CATALOG NO	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	FREQUENCY	THERMAL RATING
CPT3 60 2 2400 - 6	2400	20	120/240	50/60	2 kVA at 30ºC
CPT3 60 2 3300 - 6	3300	27.5	120/240	50/60	2 kVA at 30ºC
CPT3 60 2 4160 - 6	4160	34.66	120/240	50/60	2 kVA at 30ºC
CPT3 60 2 4800 - 6	4800	40	120/240	50/60	2 kVA at 30ºC
CPT3 60 2 5000 - 6	5000	41.66	120/240	50/60	2 kVA at 30ºC
CPT3 60 2 5500 - 6	5500	45.83	120/240	50/60	2 kVA at 30ºC
CPT3 60 2 6000 - 6	6000	50	120/240	50/60	2 kVA at 30ºC
CPT3 60 2 6600 - 6	6600	55	120/240	50/60	2 kVA at 30ºC
CPT3 60 2 6900 - 6	6900	57.5	120/240	50/60	2 kVA at 30ºC

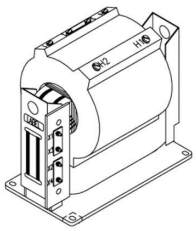


7.2kV Class

MODEL CPT5-95-5

Insulation Level: 15 kV, 95kV BIL Full Wave

CATALOG NO	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	FREQUENCY	THERMAL RATING
CPT5-95-5-722	7200	60:1	120/240	60Hz	5 kVA at 30ºC
CPT5-95-5-842	8400	70:1	120/240	60Hz	5 kVA at 30ºC
CPT5-95-5-123	12000	100:1	120/240	60Hz	5 kVA at 30ºC
CPT5-95-5-1242	12470	104:1	120/240	60Hz	5 kVA at 30ºC
CPT5-95-5-1322	13200	110:1	120/240	60Hz	5 kVA at 30ºC
CPT5-95-5-1382	13800	115:1	120/240	60Hz	5 kVA at 30ºC
CPT5-95-5-1442*	14400	120:1	120/240	60Hz	5 kVA at 30ºC



15kV Class

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