

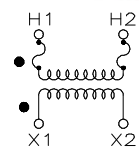
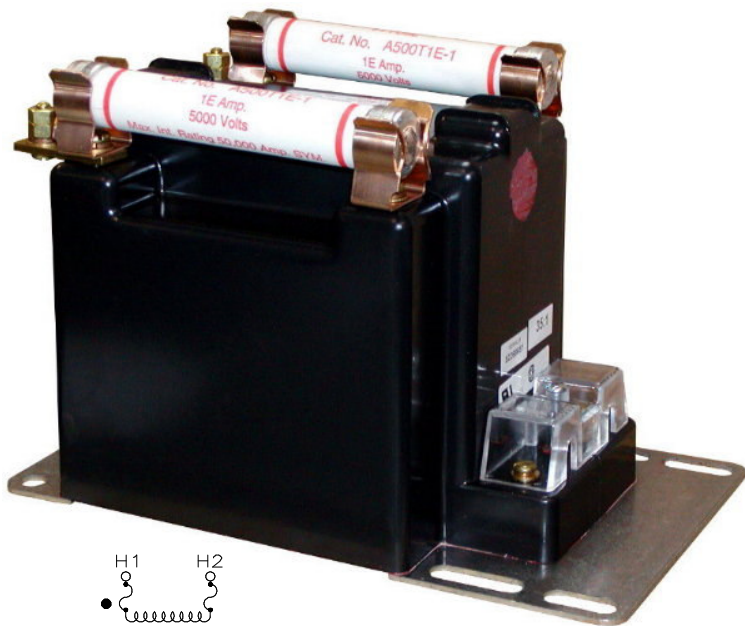


Medium Voltage Indoor Voltage Transformer Models PTG3-1-60 & PTG3-2-60

REGULATORY AGENCY APPROVALS



Manufactured to meet the requirements of ANSI/IEEE C57.13.



TWO FUSE
Two Bushing

ACCURACY CLASS:

0.3 WXMY 1.2Z at 100% rated voltage with 120V based ANSI burden.

0.6 WX, 1.2 MY at 58% rated voltage with 69.3V based ANSI burden.

FREQUENCY:

60 Hz

MAXIMUM SYSTEM VOLTAGE:

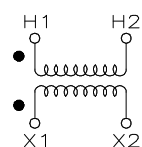
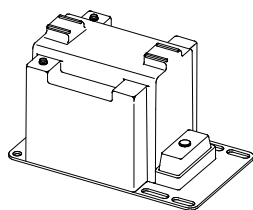
5.6kv, BIL 60kv.

THERMAL RATING:

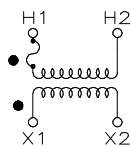
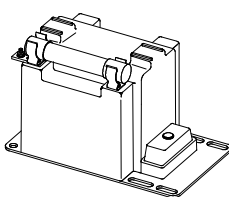
750 VA at 30°C amb.

500 VA at 55°C amb.

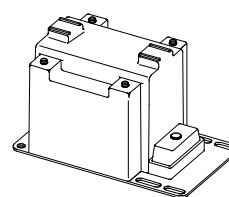
Approximate weight 34 lbs. unfused.



UNFUSED
Two Bushing



ONE FUSE
One Bushing



**SWITCHGEAR
STYLE**
Two Bushing

TWO BUSHING (a)				CATALOG NUMBERS			
GROUP	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	UNFUSED	FUSES	FUSE CLIPS ONLY (d)	SWITCHGEAR STYLE
1	*2400	20:1	120	PTG3-2-60-242	PTG3-2-60-242FF	PTG3-2-60-242CCS or CCL	PTG3-2-60-242SS
2	3300	30:1	110-50 Hz	PTG3-2-60-332	PTG3-2-60-332FF	PTG3-2-60-332CCS or CCL	PTG3-2-60-332SS
2	*4200	35:1	120	PTG3-2-60-422	PTG3-2-60-422FF	PTG3-2-60-422CCS or CCL	PTG3-2-60-422SS
2	*4800	40:1	120	PTG3-2-60-482	PTG3-2-60-482FF	PTG3-2-60-482CCS or CCL	PTG3-2-60-482SS

ONE BUSHING (b)				CATALOG NUMBERS			
GROUP	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	R FR (c)	FUSES	FUSE CLIPS ONLY (d)	SWITCHGEAR STYLE
4A	*2400	20:1	120	230	PTG3-1-60-242F	PTG3-1-60-242CS or CL	PTG3-1-60-242S
4B	*4200	35:1	120	230	PTG3-1-60-422F	PTG3-1-60-422CS or CL	PTG3-1-60-422S
4B	*4800	40:1	120	230	PTG3-1-60-482F	PTG3-1-60-482CS or CL	PTG3-1-60-482S

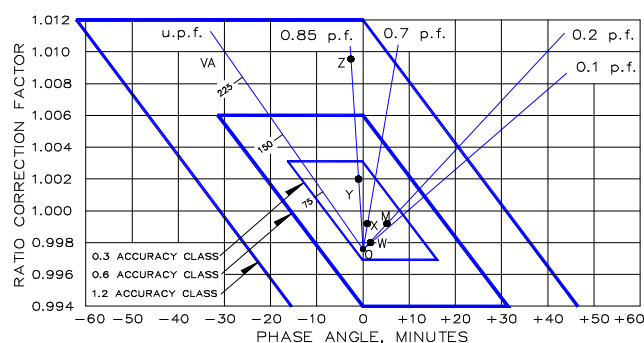
NOTE: All Primary voltages marked with an asterisk (*) are approved for revenue metering in Canada by Industry Canada, Approval No. T-215 Rev. 02

Models PTG3-1-60 & PTG3-2-60

(d) Fuse clips noted as "CCS" or "CS" accept fuses with 1" Dia. caps and 5" clip centers. Fuses clips noted as "CCL" or "CL" accept fuses with 1.63" Dia. caps and 5.88" clip centers.

FUSE FOR MODEL PTG3 TRANSFORMER	RATING VOLTS	INTERRUPTING AMPERES (SYM)	SUGGESTED RATING CONTINUOUS AMPERES	CAP DIA. INCHES (d)	LENGTH INCHES	CLIP CENTERS INCHES
2400:120V	5.5kV	45,000	2.0E	1.0	5.63	5.00
3300:110V	5.5kV	45,000	2.0E	1.0	5.63	5.00
4200:120V	5.5kV	45,000	1.0E	1.0	5.63	5.00
4800:120V	5.5kV	45,000	1.0E	1.0	5.63	5.00

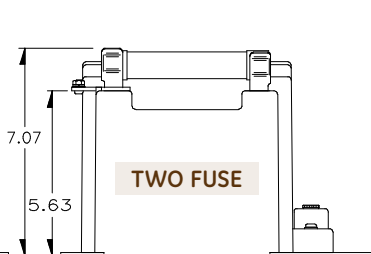
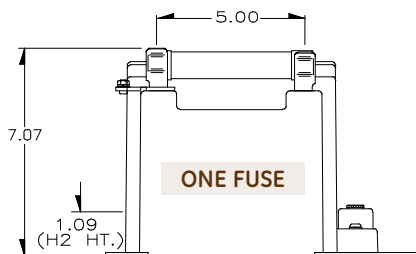
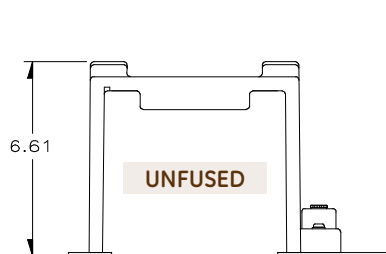
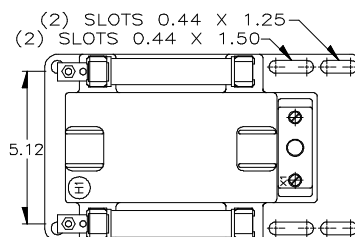
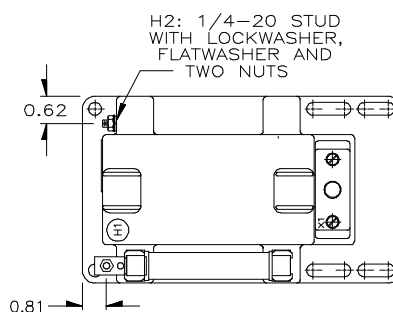
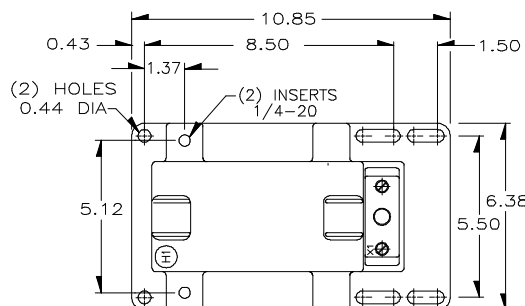
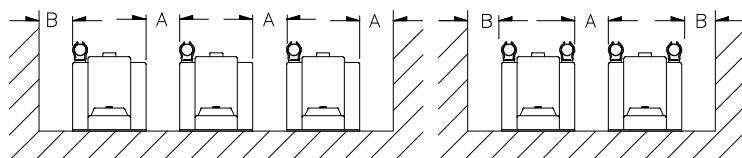
- ### CIRCLE DIAGRAM



B = HV to Ground in air = 3.00" minimum.

Recommended spacing are for guidance only. User needs to set appropriate values to assure performance for high potential test, impulse test, high humidity, partial discharge, high altitude, and other considerations like configuration.

The circle diagram can be used to predict the performance of a transformer for various loads and power factors. A convenient scale of volt-ampere is shown on the unity power factor line (u.p.f) and commences at the zero or no-load locus. To use the diagram, measure the known V.A. and scribe an arc about the "Zero" locus of a length that contains the angle of the burden power factor. The point at which the arc terminates is the error locus in phase angle minutes and ratio correction factor.



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