



## Indoor Voltage Transformer

**Models PTW5-1-110**  
**PTW5-2-110**  
 Rev 07242025

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

### ACCURACY CLASS:

0.3 WXYZ, 1.2ZZ at 100% rated voltage with 120V based ANSI burden; 0.3 WXYZ, 1.2Z at 58% rated voltage with 69.3V based ANSI burden

### FREQUENCY:

60 Hz.

### MAXIMUM SYSTEM VOLTAGE:

15.5kV, BIL 110kV full wave

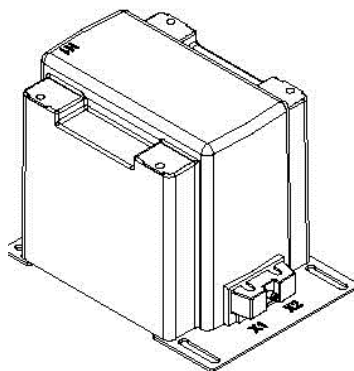
### THERMAL RATING:

1500 VA at 30°C. amb.

1000 VA at 55°C. amb.

### APPROXIMATE WEIGHT:

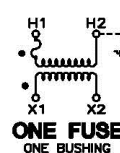
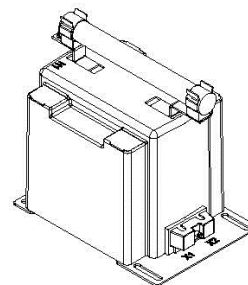
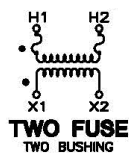
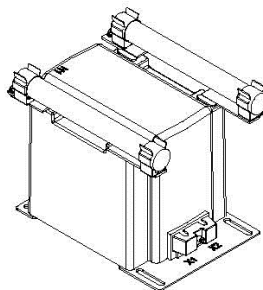
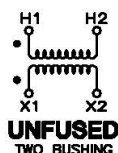
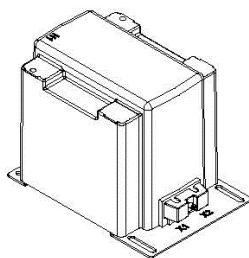
85 lbs., unfused



### CERTIFICATIONS:



- Primary terminals that are unfused are 1/4 - 20 brass screws with one flat washer and lockwasher, unless otherwise specified.
- Primary terminals that are fused are 1/4 - 20 brass screws with one flat washer, lockwasher and two nuts.
- Secondary terminals are No. 10-32 brass screws with one flat washer and lockwasher.
- The core and coil assembly is vacuum encapsulated in polyurethane resin.
- Thermal burden rating is for 120 volt secondaries
- Plated steel mounting base.
- Fuses have 1.63" Dia Caps and 11.50" clip centers.
- Switchgear style is similar to fused style. No fuse or fuse clip is provided, but inserts for fuse clips are supplied.



#### ONE BUSHING (b)

#### CATALOG NUMBERS

GROUP	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	RFR FR (c)	UNFUSED	FUSES	FUSE CLIPS ONLY	SWITCHGEAR STYLE
4A	8400	60:1	120	65	PTW5-1-110-722	PTW5-1-110-722F	PTW5-1-110-722C	PTW5-1-110-722S
4A	8400	70:1	120	65	PTW5-1-110-842	PTW5-1-110-842F	PTW5-1-110-842C	PTW5-1-110-842S
4B	11000	100:1	110-50Hz	65	PTW5-1-110-113	PTW5-1-110-113F	PTW5-1-110-113C	PTW5-1-110-113S
4B	12000	100:1	120	65	PTW5-1-110-123	PTW5-1-110-123F	PTW5-1-110-123C	PTW5-1-110-123S
4B	13200	110:1	120	65	PTW5-1-110-1322	PTW5-1-110-1322F	PTW5-1-110-1322C	PTW5-1-110-1322S
4B	13800	115:1	120	65	PTW5-1-110-1382	PTW5-1-110-1382F	PTW5-1-110-1382C	PTW5-1-110-1382S
4B	14400	120:1	120	65	PTW5-1-110-1442	PTW5-1-110-1442F	PTW5-1-110-1442C	PTW5-1-110-1442S

#### TWO BUSHING (a)

#### CATALOG NUMBERS

GROUP	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	UNFUSED	FUSES	FUSE CLIPS ONLY	SWITCHGEAR STYLE
1	7200	60:1	120	PTW5-2-110-722	PTW5-2-110-722FF	PTW5-2-110-722CC	PTW5-2-110-722SS
1	8400	70:1	120	PTW5-2-110-842	PTW5-2-110-842FF	PTW5-2-110-842CC	PTW5-2-110-842SS
2	11000	100:1	110-50Hz	PTW5-2-110-113	PTW5-2-110-113FF	PTW5-2-110-113CC	PTW5-2-110-113SS
2	12000	100:1	120	PTW5-2-110-123	PTW5-2-110-123FF	PTW5-2-110-123CC	PTW5-2-110-123SS
2	13200	110:1	120	PTW5-2-110-1322	PTW5-2-110-1322FF	PTW5-2-110-1322CC	PTW5-2-110-1322SS
2	14400	120:1	120	PTW5-2-110-1442	PTW5-2-110-1442FF	PTW5-2-110-1442CC	PTW5-2-110-1442SS

Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA