



# 3 Phase Voltage Transformer

**Model 3VTN468**  
rev 02222024

**FREQUENCY:**

60 Hz.

**STANDARD SECONDARY VOLTAGE:**

120 Volts

**ACCURACY CLASS:** (Per Phase)

± 0.6% at 7.5 VA

**INSULATION LEVEL**

600 Volts, 10 kV BIL. full wave

**THERMAL RATING:** (Per Phase)

75 VA at 30°C amb.

50 VA at 55°C. amb.

**APPROXIMATE WEIGHT:**

8 lbs.



**CERTIFICATIONS:**



E228202



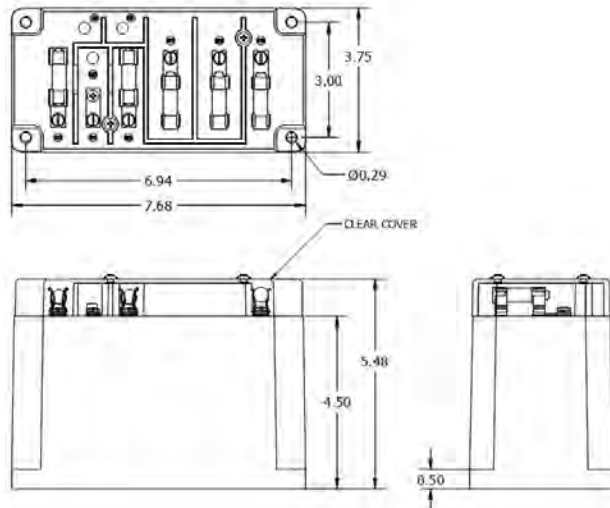
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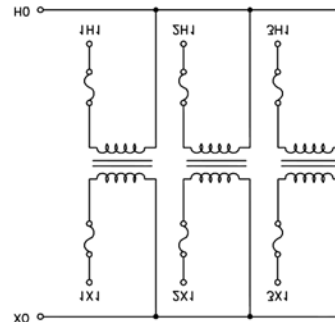
- The primary and secondary terminals are No. 8-32 screws and fitted with one lock washer and flat washer.
- The core and coil assembly are encased in a thermoplastic shell and filled with resin.
- These transformers are designed for application to Y connected systems.
- Models designed specifically for 50Hz operation are available with reduced performance. Consult factory for details.
- Only ground XO/HO terminals of source is 3 phase, 4 wire effectively grounded.
- Primary fuses are class CC rejection type
- It is desirable to use a 0.80 amp BBS type or equal fuse in the secondary to protect the transformer.
- Supplied with a clear plastic terminal cover.

**MODEL 3VTN468**

CATALOG NUMBERS					
NOT FUSED	PRIMARY FUSES ONLY	PRIMARY AND SECONDARY FUSES	LINE/NEUTRAL VOLTAGE RATING	TURNS RATION	REC. PRIMARY FUSE RATING
3VTN468-069	3VTN468-069F	3VTN468-069FF	69.3:120	0.58:1	3.0
3VTN468-120	3VTN468-120F	3VTN468-120FF	120:120	1:1	2.0
3VTN468-208	3VTN468-208F	3VTN468-208FF	208:120	1.73:1	1.0
3VTN468-240	3VTN468-240F	3VTN468-240FF	240:120	2:1	1.0
3VTN468-277	3VTN468-277F	3VTN468-277FF	277:120	2.31:1	1.0
3VTN468-288	3VTN468-288F	3VTN468-288FF	288:120	2.4:1	0.75
3VTN468-300	3VTN468-300F	3VTN468-300FF	300:120	2.5:1	0.75
3VTN468-346	3VTN468-346F	3VTN468-346FF	346:120	2.88:1	0.75



**CONNECTION DIAGRAM**



- The core and coil assembly is encased in a thermoplastic shell and filled with resin.

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