



**Current Transformer
Technologies LTD**



3 Phase Voltage Transformer

Model 3VTN468

rev 11052025

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

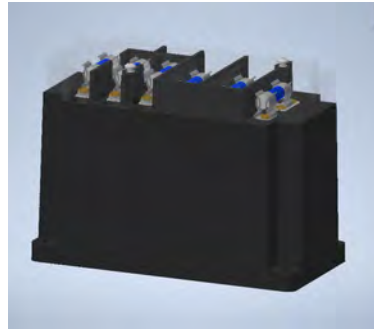
THERMAL RATING: (Per Phase)

75 VA at 30°C amb.

50 VA at 55°C. amb.

APPROXIMATE WEIGHT:

8 lbs.



CERTIFICATIONS:



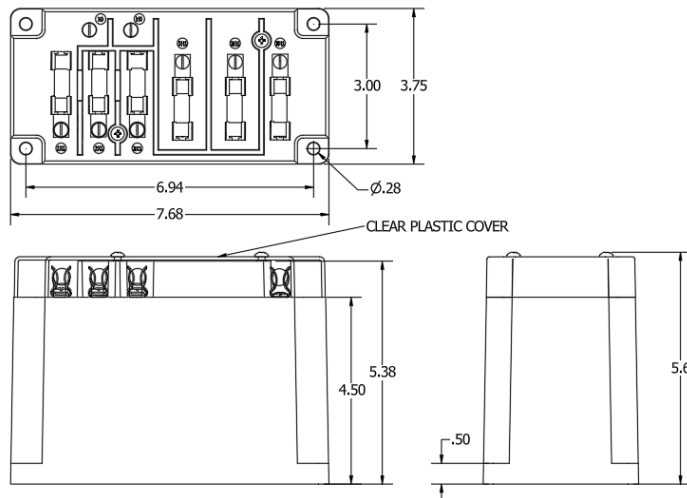
223647



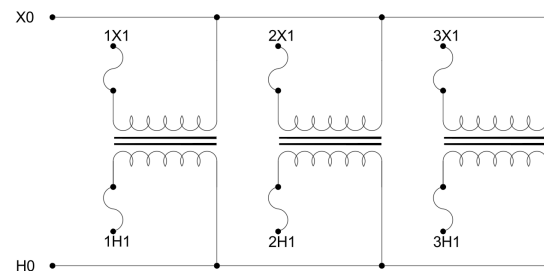
- The primary and secondary terminals are No. 8-32 screws and fitted with one lock washer and flat washer.
- The core and coil assembly are encased in a thermoplastic shell and filled with resin.
- These transformers are designed for application to Y connected systems.
- Models designed specifically 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	H1 TO X1 VOLTAGE RATING	LINE TO NEUTRAL VOLTAGE RATING	TURNS RATION	REC. PRIMARY FUSE RATING
3VTN468-069	3VTN468-069F	3VTN468-069FF	120:120	69.3:120	0.58:1	3.0
3VTN468-120	3VTN468-120F	3VTN468-120FF	208:120	120:120	1:1	2.0
3VTN468-208	3VTN468-208F	3VTN468-208FF	360:120	208:120	1.73:1	1.0
3VTN468-240	3VTN468-240F	3VTN468-240FF	415:120	240:120	2:1	1.0
3VTN468-277	3VTN468-277F	3VTN468-277FF	480:120	277:120	2.31:1	1.0
3VTN468-288	3VTN468-288F	3VTN468-288FF	500:120	288:120	2.4:1	0.75
3VTN468-300	3VTN468-300F	3VTN468-300FF	520:120	300:120	2.5:1	0.75
3VTN468-346	3VTN468-346F	3VTN468-346FF	600:120	346:120	2.88:1	0.75



CONNECTION DIAGRAM FF OPTION



- 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