



**Current Transformer
Technologies LTD**



3 Phase Voltage Transformer

Model 3VTN460

rev 11052025

CERTIFICATIONS:



E228202



223647



FREQUENCY:

60 Hz.

STANDARD SECONDARY VOLTAGE:

120 Volts Line-to-neutral

ACCURACY CLASS: (Per Phase)

0.6 W, 1.2 X at 60 Hz.

INSULATION LEVEL:

600 Volts, 10 kV BIL. full wave

THERMAL RATING: (Per Phase)

150 VA at 30°C amb.

100 VA at 55°C. amb.

APPROXIMATE WEIGHT:

24 lbs.



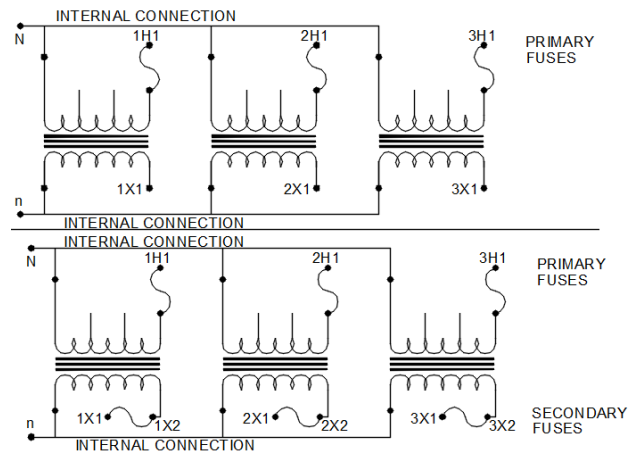
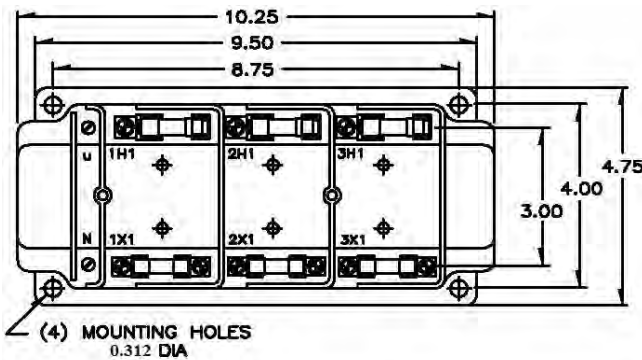
- The model 3VTN460 is an assembly of three transformers in one case.
- The primary and secondary terminals are No. 6-32 screws and fitted with one lockwasher and flat washer.
- The core and coil assembly is encased in a thermoplastic shell and filled with resin.
- These transformers are designed for operation line to neutral.

- Spacing between live parts per U.L. 1558.
- It is desirable to use a 1.6 amp BBS type or equal fuse in the secondary to protect the transformer.
- The transformer has a clear plastic terminal cover.
- Only ground N/n terminals if source is 3 phase, 4 wire effectively grounded.

MODEL 3VTN460
Approximate weight: 24 lbs.

CATALOG NUMBER		LINE TO NEUTRAL VOLTAGE RATING	TURNS RATIO	REC. PRIMARY FUSE RATING
PRIMARY FUSES ONLY	PRIMARY AND SECONDARY FUSES			
3VTN460-069*	3VTN460-069FF*	69.3:120	0.58:1	5.0
3VTN460-120F*	3VTN460-120FF*	120:120	1:1	4.0
3VTN460-240F*	3VTN460-240FF*	240:120	2:1	2.0
3VTN460-277F*	3VTN460-277FF*	277:120	2.31:1	2.0
3VTN460-300F*	3VTN460-300FF*	300:120	2.5:1	1.5
3VTN460-346F*	3VTN460-346FF*	346:120	2.88:1	1.5
3VTN460-480F*	3VTN460-480FF*	480:120	4:1	1.0

CONNECTION DIAGRAMS



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