

MODEL 3VTN460

3 Phase Voltage Transformer

For Line to Neutral Connection



Clear Plastic Cover

REGULATORY AGENCY APPROVALS



Frequency

60 Hz.

Standard Secondary Voltage

120 Volts line-to-neutral

Insulation Level

600 Volt, 10 kV BIL full wave.

Accuracy Class: (Per Phase)

0.6 W, 1.2 X at 60 Hz.

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| CATALOG NUMBER | | LINE TO NEUTRAL VOLTAGE RATING | TURNS RATIO | REC. PRIMARY FUSE RATING |
|--------------------|-----------------------------|--------------------------------|-------------|--------------------------|
| PRIMARY FUSES ONLY | PRIMARY AND SECONDARY FUSES | | | |
| 3VTN460-069F* | 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 |

* Fuse Ordering

Insert F after primary voltage rating for primary fuses, insert FF after primary voltage rating for primary and secondary fuses.

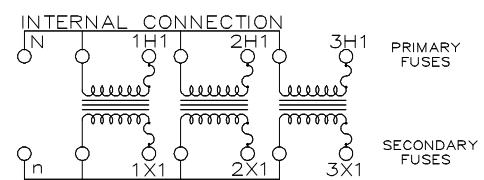
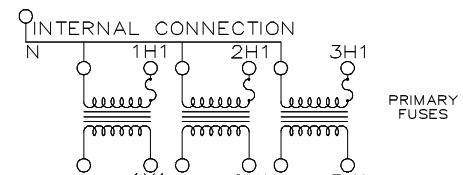
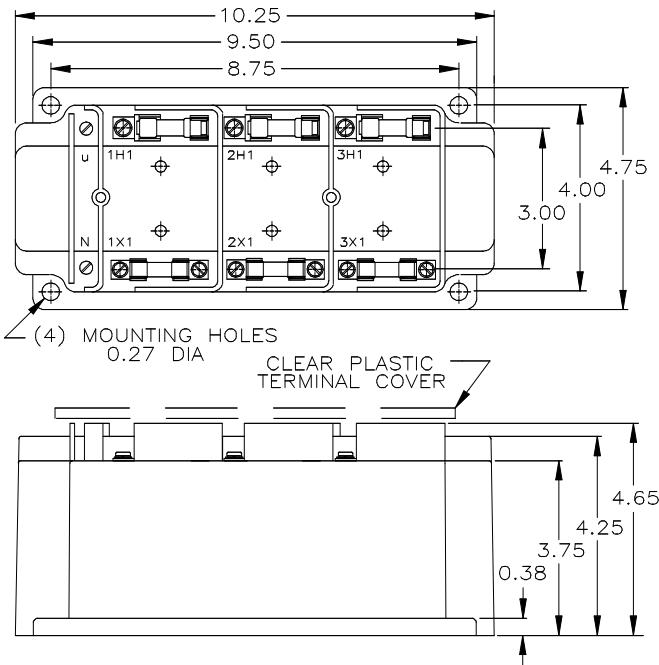


GE VEROVA



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- Model 3VTN460 is an assembly of three transformers in one case.
- 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.
- Primary fuses are current limiting, 200kA interrupting capacity, incorporating a rejection feature, typically (class CC) KTK—R type.
- It is desirable to use a 1.6 amp BBS type or equal fuse in the secondary to protect the transformer.
- Only ground N/n terminals if source is 3 phase, 4 wire effectively grounded.
- See page 7 of this section for a circle diagram for the estimation of the errors for other than rated burdens. See page 27 in this section for a description of its use.
- The transformer has a clear plastic cover.



For more information, visit
gevernova.com/grid-solutions

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