



**Current Transformer  
Technologies LTD**



# 3 Phase Voltage Transformer

**Model 3VTN460MR**  
rev 11052025

**FREQUENCY:**

60 Hz.

**STANDARD SECONDARY VOLTAGE:**

120 Volts Line-to-neutral

**ACCURACY CLASS:** (Per Phase)

± 1% at all burdens up to 2 VA

**INSULATION LEVEL**

600 Volts, 10 kV BIL. full wave

**THERMAL RATING:** (Per Phase)

40 VA at 30°C amb.

25 VA at 50°C amb.

**APPROXIMATE WEIGHT:**

8 lbs.



**CERTIFICATIONS:**

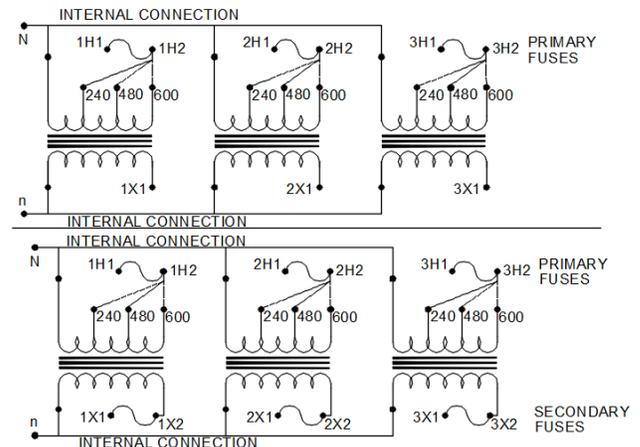
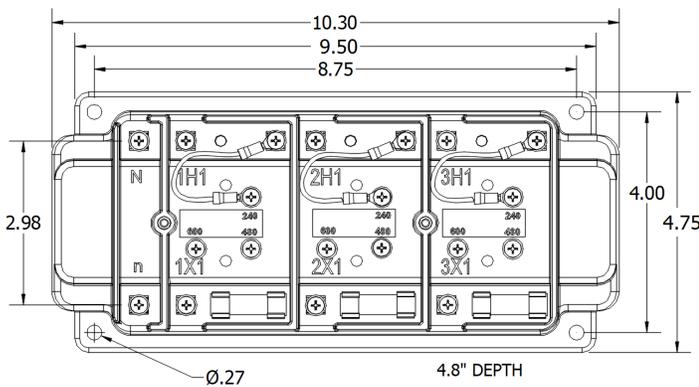


- The model 3VTN460MR is an assembly of three Multi-tapped transformers in one case.
- The primary and secondary terminals are No. 6-32 screws and fitted with one lock washer and flat washer.
- The core and coil assembly are encased in a thermoplastic shell and filled with resin.
- These transformers are designed for operation line to neutral.
- Spacing between live parts per U.L. 1558.

- The transformer has three taps 600 "5 to 1", 480 "4 to 1", 240 "2 to 1" All to 120 vac
- The transformer has a clear plastic terminal cover.
- Only ground N/n terminals if source is 3 phase, 4 wire effectively grounded.
- Taps are changed by moving three wires "seepicture"
- It is desirable to use a 1.6 amp BBS type or equal fuse in the secondary to protect the transformer.
- A 0.40 amp fuse is recommended to protect the transformer's primary
- A 1.6 amp fuse is recommended to protect the transformer's secondary

MODEL 3VTN460-MR		TAPS		
Catalog Number	Connections	240	480	600
3VTN460-600MR	Screws	2 to 1	4 to 1	5 to 1
3VTN460-600MR-FFF	Fuses			
3VTN460-600MR-CCC	Clips only			
3VTN460-600MR-CCC-X1	Secondary Clips Only			

**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