

Voltage Transformer

Model 475

REGULATORY AGENCY APPROVALS



Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1



FREQUENCY:

60 Hz.

**STANDARD
SECONDARY VOLTAGE:**

120 Volts

INSULATION LEVEL:

600 Volt, 10 kV BIL full wave.

ACCURACY CLASS:

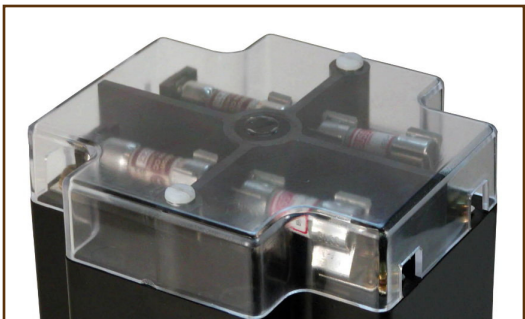
0.3 W, 0.6 X, 1.2 M at 60 Hz.

THERMAL RATING:

300 VA at 30°C. amb., 200 VA at 55°C. amb.

The primary and secondary terminals are No. 8
brass screws with flatwasher and a lockwasher.

Approximate weight 12.5 lbs.



Clear Plastic Cover

CATALOG NUMBER			VOLTAGE RATING	TURNS RATIO	REC. PRIMARY FUSE RATING
NOT FUSED	PRIMARY FUSES ONLY	PRIMARY AND SECONDARY FUSES			
475—069	475—069F	475—069FF	69.3:120	0.58:1	10.0
475—120	475—120F	475—120FF	120:120	1:1	6.0
475—208	475—208F	475—208FF	208:120	1.73:1	4.0
475—240	475—240F	475—240FF	240:120	2:1	4.0
475—277	475—277F	475—277FF	277:120	2.31:1	4.0
475—288	475—288F	475—288FF	288:120	2.4:1	3.0
475—300	475—300F	475—300FF	300:120	2.5:1	3.0
475—346	475—346F	475—346FF	346:120	2.88:1	3.0
*475—480	*475—480F	*475—480FF	*480:120	4:1	2.0
*475—600	*475—600F	*475—600FF	*600:120	5:1	1.5

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- The core and coil assembly is encased in a thermoplastic shell and filled with resin.
- These transformers are designed for operation line-to-line. They may also be operated line-to-ground or line-to-neutral at reduced voltage, (58% of rated volts).
- It is desirable to use a 3.0 amp BBS type or equal fuse in the secondary to protect the transformer.
- With two exceptions these transformer are ANSI C57.13 group 1. Those marked * are group 2.
- Models designed specifically for 50Hz operation are available with reduced performance. Consult factory for details.
- This page contains 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.
- Transformer has a clear plastic cover.

VOLTAGE TRANSFORMER CIRCLE DIAGRAM
THIS GRAPH IS DRAWN FOR A 60Hz 0.6 P.F. SYSTEM LOAD

