



Model 460

Voltage Transformer

Model 460 Voltage Transformer



REGULATORY AGENCY APPROVALS



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

Features

- 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 1.6 amp 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 datasheet contains a circle diagram for the estimation of the errors for other than rated burdens.
- Each transformer has two plastic terminal cover.

Specification

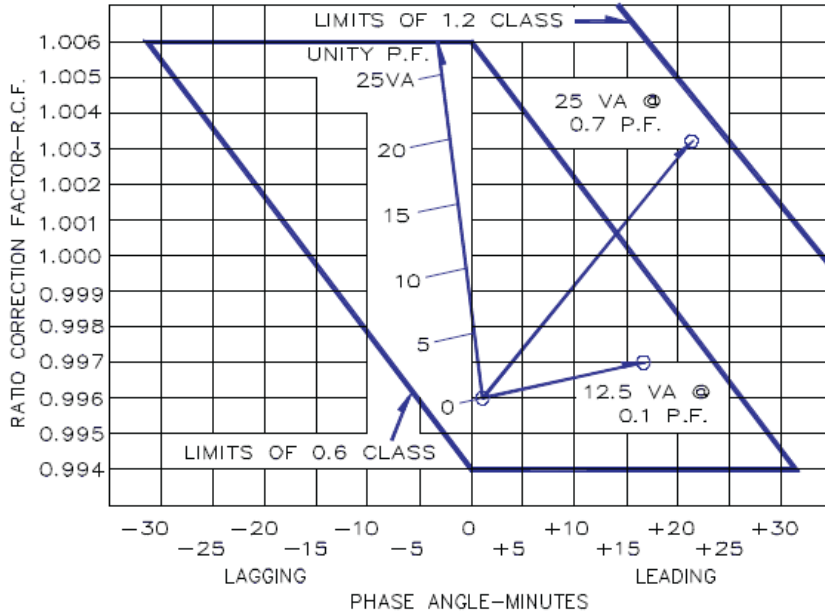
Frequency: 60 Hz.
 Standart Secondary Voltage: 120 Volts.
 Insulation Level: 600 V, 10 Kv Bil full wave.
 Accuracy Class: 0.6 W, 1.2 X at 60 Hz.
 Thermal Rating: 150 VA at 30 °C. amb.
 100 VA at 55 °C. amb.
 Approximate Weight: 7.75 Lbs.
 Terminals are brass studs No. 10-32 with one lockwasher, flatwasher and regular nut.

Catalog Number	Voltage Rating	Turns Ratio	Rec. Primary Fuse Rating
460-069	69.3:120	0.58 : 1	5.0
460-120	120:120	1 : 1	4.0
460-208	208:120	1.73 : 1	2.0
460-240	240:120	2 : 1	2.0
460-277	277:120	2.31 : 1	2.0
460-288	288:120	2.4 : 1	1.5
460-300	300:120	2.5 : 1	1.5
460-346	346:120	2.88 : 1	1.5
*460-480	*480:120	4 : 1	1.0
*460-600	*600:120	5 : 1	0.75



Voltage Transformer circle diagram

This graf is drawn for a 60 HZ 0.6 P.F. system load



Dimensions

