

Models 450, F & FF

Voltage Transformers



Application

60 Hz.

Standard Secondary Voltage

120 Volts.

Insulation Level

600 Volt, 10 kV BIL full wave.

Accuracy Class:

0.3 W, X, M & Y, 1.2Z

Those marked ** are 0.3 W, 0.6 X, M & Y

Thermal Rating:

750 VA at 30 °C. amb., 500 VA at 55 °C. amb.

The primary and secondary terminals are No. 10-32 screws into 3/8" deep brass inserts and fitted with one lockwasher and flatwasher and are contained in a sealable terminal cover.

Approximate weight 25 lbs.



No Fuse

REGULATORY AGENCY APPROVALS



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



1 Fuse



2 Fuses



Clear Plastic Cover

Model 450, F & FF

Catalog Number			Voltage Rating	Turns Rating	Rec. Primary Fuse rating
Not fused	Primary Fuses Only	Primary and Secondary Fuses			
**450-069	450-069F	450-069FF	69.3:120	0.58:1	15.0
**450-120	450-120F	450-120FF	120:120	1:1	10.0
450-208	450-208F	450-208FF	208:120	1.73:1	8.0
450-240	450-240F	450-240FF	240:120	2:1	8.0
450-277	450-277F	450-277FF	277:120	2.31:1	8.0
450-288	450-288F	450-288FF	288:120	2.4:1	6.0
450-300	450-300F	450-300FF	300:120	2.5:1	6.0
450-346	450-346F	450-346FF	346:120	2.88:1	5.0
*450-480	*450-480F	*450-480FF	*480:120	4:1	4.0
*450-600	*450-600F	*450-600FF	*600:120	5:1	3.0

Models 450F & 450FF

- 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 voltage, (58 % of rated volts).
- It is desirable to use a 8.0 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.
- Fuse blocks containing type KTK-R (class CC) fuses can be fitted.
- When primary fuses are requested, the rating will be as given in the table.
- 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.
- When only one fuse is used, it must be connected into the line side (H1) terminal wiring. This will prevent the presence of voltage at the H1 terminal

