

Voltage Transformer Model 468

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:

$\pm 0.6\%$ at all burdens up to 7.5 VA and $\pm 1.5\%$ 20 VA burden.

THERMAL RATING:

75 VA at 30°C. amb., 50 VA at 55°C. amb.

Terminals are brass studs No. 10-32 with one lockwasher, flatwasher and regular nut.

Approximate weight 4 lbs.

CATALOG NUMBER	VOLTAGE RATIO	TURNS RATIO	REC. PRIMARY FUSE RATING
468-069	69.3:120	0.58:1	3.0
468-120	120:120	1:1	2.0
468-208	208:120	1.73:1	1.0
468-240	240:120	2:1	1.0
468-277	277:120	2.31:1	1.0
468-288	288:120	2.4:1	0.75
468-300	300:120	2.5:1	0.75
468-346	346:120	2.88:1	0.75
*468-480	*480:120	4:1	0.50
*468-600	*600:120	5:1	0.40

Model 468

Refer to model 3VT468 for 3-Phase version

- 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 0.80 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 468-380, 468-400, 468-416** designed specifically for 50Hz. operation are available with reduced performance. Consult factory for details.
- Each transformer has two plastic terminals covers.

