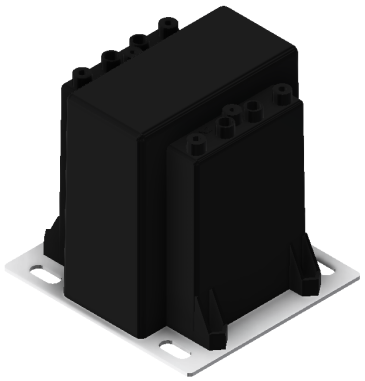
Voltage Transformer

Model 450
rev 09302025

FREQUENCY:
60 Hz.
STANDARD SECONDARY VOLTAGE:
120 Volts
INSULATION LEVEL:
600 Volts. 10 kV BIL. full wave
ACCURACY CLASS:
0.3 W, X, M & Y, 1.2Z
@0.3 W, 0.6 X, M & Y
THERMAL RATING:
750 VA AT 30°c. AMB, 500 VA AT 55°c. amb.
APPROXIMATE WEIGHT:
25 lbs.
CONNECTIONS:
-The primary and secondary terminals are No. 10-32 screws into 3/8" deep brass inserts are fitted with one lockwasher and flat washer and are contained in a sealable terminal cover



CERTIFICATIONS:

E228202

223647

ISO 9001
QUALITY MANAGEMENT

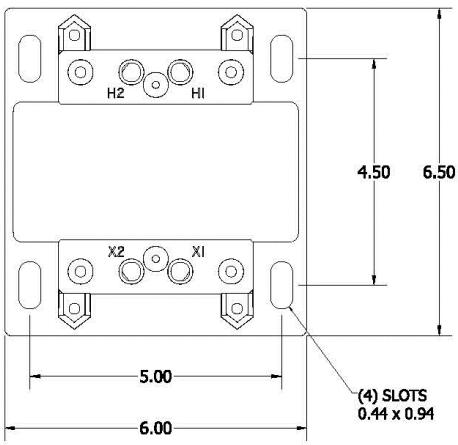
MODEL 450

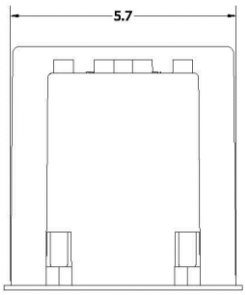
Approximate weight: 25 lbs.

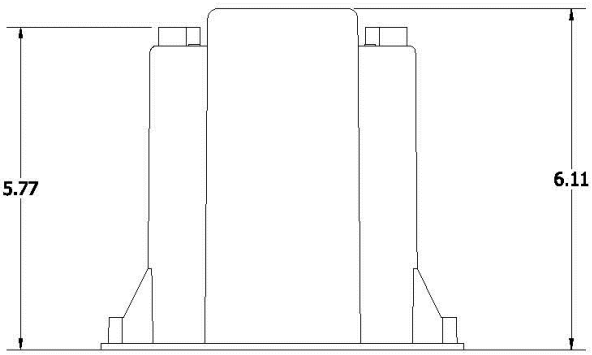
CATALOG NUMBER NOT FUSED	VOLTAGE RATING	TURNS RATIO	SUGGESTED PRIMARY FUSE RATING
**450-069	69.3:120	0.58:1	15.0
**450-120	120:120	1:1	10.0
450-208	208:120	1.73:1	8.0
450-240	240:120	2:1	8.0
450-277	277:120	2.31:1	8.0
450-288	288:120	2.4:1	6.0
450-300	300:120	2.5:1	6.0
450-346	346:120	2.88:1	5.0
**450-380	380:120	3.17:1	5.0
450-480*	480:120	4:1	4.0
450-600*	600:120	5:1	3.0

***Models marked ** have Accuracy Class of 0.3 W, 0.6 X, M & Y – All others without asterisks are 0.3 W, X, M & Y, 1.2Z**

- 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 an 8.0 Amp BBS type or equal fuse in the secondary to protect the transformer.
- With two exceptions these transformers are ANSI C57.13 group 1. Those marked * are group 2.
- Model designed specifically for 50Hz operation are available with reduced performance consult factory for details.







Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA