



**Current Transformer
Technologies LTD**



Voltage Transformer

Model 456

rev 09302025

CERTIFICATIONS:



223647



Model	456
Width	6.00
Height	6.11
Depth	6.50

FREQUENCY:

60 Hz.

STANDARD SECONDARY VOLTAGE:

120 Volts

INSULATION LEVEL:

600 Volts. 10 kV BIL. full wave

ACCURACY CLASS:

0.3 W, X & M, 0.6 Y

Those marked with ** are

0.6 W, X, M & Y

THERMAL RATING:

500 VA AT 30°C. amb., 300 VA AT 55°C. amb.

APPROXIMATE WEIGHT:

18.5 lbs.

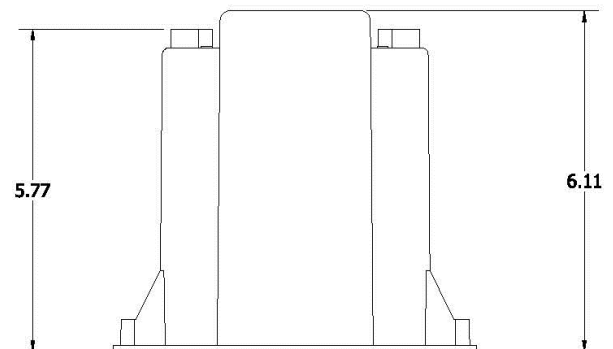
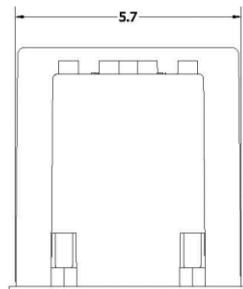
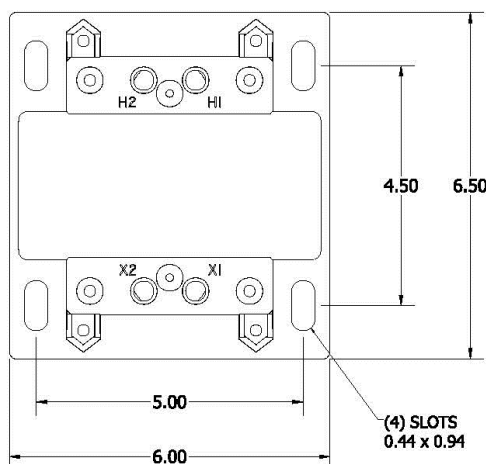
CONNECTIONS:

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

MODEL 456 Approximate weight: 18.5 lbs.

CATALOG NUMBER	VOLTAGE RATING	TURNS RATIO	REC. PRIMARY FUSE RATING
NOT FUSED			
**456-069	69.3:120	0.58:1	12
**456-120	120:120	1:1	10
**456-208	208:120	1.73:1	6
**456-240	240:120	2:1	6
**456-277	277:120	2.31:1	6
**456-288	288:120	2.4:1	5
456-300	300:120	2.5:1	4
456-346	346:120	2.88:1	4
456-480*	480:120	4:1	3
456-600*	600:120	5:1	2

- Each transformer has two plastic terminal covers.
- 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 transformers are ANSI C57.13 group 1. Those marked * are group 2.
- Models designed specifically for 50 Hz 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