



**Current Transformer  
Technologies LTD**



## Voltage Transformer

**Model 465**

rev 05132026

### CERTIFICATIONS:



223647



ISO 9001

QUALITY  
MANAGEMENT



<b>Model</b>	<b>465</b>
<b>Width</b>	<b>3.63</b>
<b>Height</b>	<b>4.25</b>
<b>Depth</b>	<b>3.75</b>

#### FREQUENCY:

50 or 60 Hz.

#### STANDARD SECONDARY VOLTAGE:

120 Volts

#### INSULATION LEVEL:

600 Volts. 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. @60Hz

100 VA AT 30°C. amb., 60 VA AT 55°C. amb. @50Hz

#### APPROXIMATE WEIGHT:

7.75 lbs.

#### CONNECTIONS:

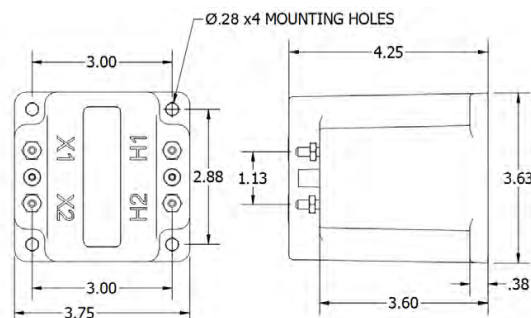
-Terminals are brass studs No. 10-32 with one lockwasher, flat washer, and regular nut

### MODEL 465

Approximate weight: 7.75 lbs.

CATALOG NUMBER NOT FUSED	VOLTAGE RATING	URNS RATIO	REC. PRIMARY FUSE RATING
465-069	69.3:120	0.58:1	5
465-120	120:120	1:1	4
465-208	208:120	1.73:1	2
465-240	240:120	2:1	2
465-277	277:120	2.31:1	2
465-288	288:120	2.4:1	1.5
465-300	300:120	2.5:1	1.5
465-346	346:120	2.88:1	1.5
465-480*	480:120	4:1	1
465-600*	600:120	5:1	0.75
465-069-50	69.3:110	0.58:1	5
465-120-50	120:110	1:1	4
465-208-50	208:110	1.73:1	2
465-240-50	240:110	2:1	2
465-277-50	277:110	2.31:1	2
465-288-50	288:110	2.4:1	1.5
465-300-50	300:110	2.5:1	1.5
465-346-50	346:110	2.88:1	1.5
465-480-50*	480:110	4:1	1
465-600-50*	600:110	5:1	0.75

- Each transformer has two plastic terminal covers. Hand tightened - do not over tighten.
- Mounting torque (4 mounting holes in plastic base) is 10 in-lbs or hand tight, use thread sealant if required.
- 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 four exceptions these transformers are ANSI C57.13 group 1. Those marked \* are group 2.
- Models ending in -50 have a 50Hz frequency



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