

POTENTIAL TRANSFORMERS

LOW VOLTAGE POTENTIAL TRANSFORMERS

MODELS
460 & 467

FEATURES

- FREQUENCY: 60 Hz
- STANDARD SECONDARY VOLTAGE: 120 Volts
- INSULATION CLASS: 600 Volts, 10 Kv. BIL.

All models on this page
UL recognized



600V CLASS

MODEL 460 SPECIFICATIONS

- ACCURACY CLASS..... 0.6W., 1.2X.
- THERMAL RATING
150 VA at 30°C amb., 100 VA at 55°C amb. (60 Hz)
- Terminals are brass studs No. 10-32 with one lockwasher, flat washer and regular nut.
- 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 three exceptions these transformers are ANSI C57.13 group 1. Those marked * are group 2.
- Each transformer has two plastic terminal covers.
- This page contains a circle diagram for the estimation of the errors for other than rated burdens.
- Approximate weight: 7.75lbs. Model 460

460



467

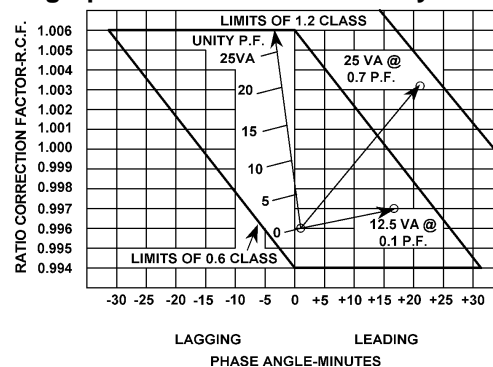


MODEL 467 SPECIFICATIONS

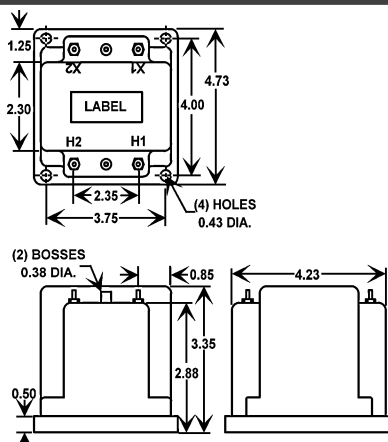
- ACCURACY CLASS:
±1% at all burdens up to 5 VA at 1.0 and 0.95 P.F. The transformers are compensated for ±0.5% at 5VA., 0.95 P.F.
- THERMAL RATING:
40VA at 30°C amb., 27 VA at 55°C amb. (60 Hz only)
- Terminals are No. 6-32 screws with one lockwasher & one flat washer.
- The core and coil assembly is 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 the proper size fuse in the secondary to protect the P.T. Use a 0.40 amp fuse with Model 467.
- With two exceptions these transformers are ANSI C57.13 group 1. Those marked * are group 2.
- Approximate weight: 2.5 lbs. Model 467.

APPLICATION AND ORDERING DATA			
CATALOG NO.	CATALOG NO.	VOLTAGE RATING	TURNS RATIO
467-069	460-069	69.3:120	0.58:1
467-120	460-120	120:120	1:1
467-208	460-208	208:120	1.73:1
467-240	460-240	240:120	2:1
467-277	460-277	277:120	2.31:1
467-288	460-288	288:120	2.4:1
467-300	460-300	300:120	2.5:1
*467-480	*460-480	*480:120	4:1
*467-600	*460-600	*600:120	5:1

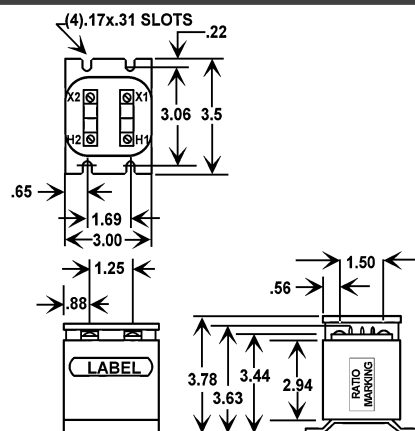
Voltage Transformer Circle Diagram
This graph is drawn for a 0.6 P.F. system load



MODEL 460 DIMENSIONS (INCHES)



MODEL 467 DIMENSIONS (INCHES)



FLEX-CORE®
Div. Morlan & Associates, Inc.
6625 McVey Blvd. Columbus, Ohio 43235

WWW.FLEX-CORE.COM
flexcore@msn.com

PHONE (614) 889-6152
TECH. ASSISTANCE (614) 876-8308
FAX # (614) 876-8538

POTENTIAL TRANSFORMERS