LOW VOLTAGE POTENTIAL TRANSFORMER *MODEL* 456

FEATURES

600V CLASS

- Frequency 60Hz
- Standard Secondary Voltage ..... 120 Volts
- Insulation Level ..... 0.6kV, 10kV BIL Full Wave
- Accuracy Class ..... 0.3 W, X, M, and 0.6Y. Those marked (**) are 0.6 W, X, M, and Y
- Thermal Rating ..... 500 VA at 30°C amb. 300 VA at 55°C amb.
- Approximate Weight ..... 25 Lbs.

All models on this page UL recognized ® E93779 ® LR89403



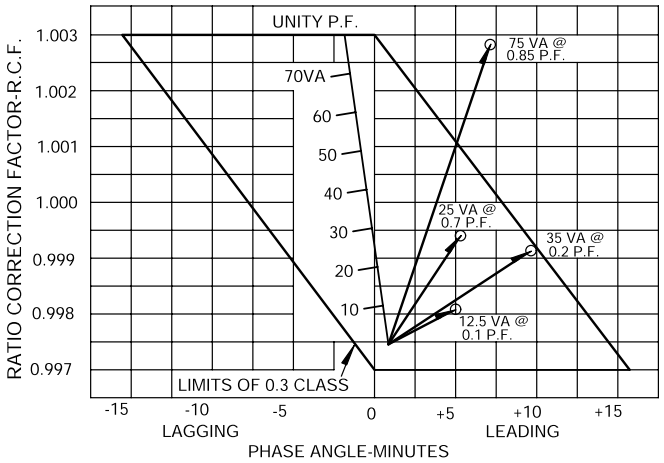
SPECIFICATIONS

- The primary and secondary terminals are No. 10-32 screws into 3/8" deep brass inserts and fitted with one lock washer and one flat washer and are contained in a sealable terminal cover.
- 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 5.0 amp BBS type fuse in the secondary to protect the transformer.

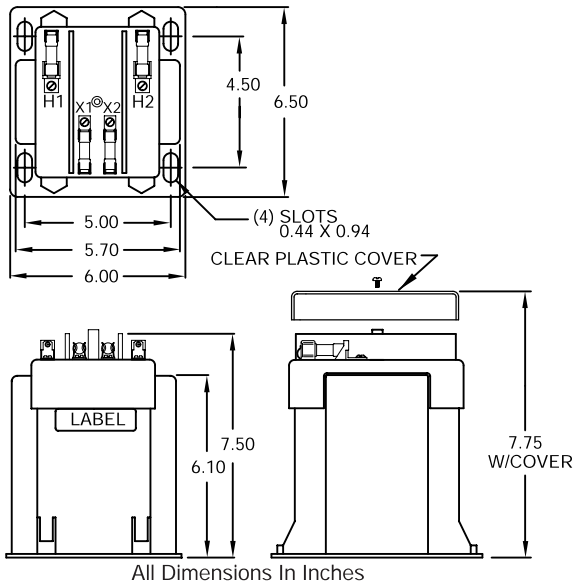
APPLICATION AND ORDERING DATA					
CATALOG NUMBER			VOLTAGE RATING	TURNS RATIO	PRIMARY FUSE RATING
NOT FUSED	1-FUSE	2-FUSES			
**456-069	456-069F	456-069FF	69.3:120	0.58:1	12A
**456-120	456-120F	456-120FF	120:120	1:1	10A
456-208	456-208F	456-208FF	208:120	1.73:1	6A
456-240	456-240F	456-240FF	240:120	2:1	6A
456-277	456-277F	456-277FF	277:120	2.31:1	6A
456-288	456-288F	456-288FF	288:120	2.4:1	5A
456-300	456-300F	456-300FF	300:120	2.5:1	4A
456-346	456-346F	456-346FF	346:120	2.88:1	4A
*456-480	*456-480F	*456-480FF	480:120	4:1	3A
*456-600	*456-600F	*456-600FF	600:120	5:1	2A

- With six exceptions these transformers are ANSI C57.13 group 1. Those marked * are group 2.
- IEC Rated models are available.
- Fuse blocks containing type KTK-R (class CC) fuses can be fitted.
- When primary fuses are requested, the ratings will be as given in the table.
- This page contains a circle diagram for the estimation of the errors for other than rated burdens.
- When only one fuse is used, it must be connected into the line side (H1) terminal wiring. This will prevent the presence of voltage at the H1 terminal for a ruptured fuse in the neutral (H2) terminal wiring for line-to-neutral connected transformers.

VOLTAGE TRANSFORMER CIRCLE DIAGRAM
THIS GRAPH IS DRAWN FOR A 60Hz 0.6 P.F. SYSTEM LOAD



DIMENSIONS



All Dimensions In Inches

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