



DIVISION OF TRANSFACTOR INDUSTRIES INC.
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ENERGY EFFICIENT TRANSFORMER

-Single Phase Isolation Transformer
 -ANN Self- Cooled

PRELIMINARY DRAWING ONLY
 This drawing may NOT truly reflect our Final Design. Any resulting order(s) must be accompanied by, or refer to this drawing and be marked with any proposed changes.

Purchaser: TBA
 PO#: TBA
 SWO#: TBA
 Qty: TBA

Coils: Copper Wound
 Cat. No.: SC75H-K/Z

kVA: 75
 Primary: 480 Volts
 Secondary: 120/240 Volts

Primary Taps: 2.5 %
 -Taps FCAN 2
 -Taps FCBN 2

Frequency: 60 Hz

Insulation Class: 220° C
 Temperature Rise: 150° C

BIL: 10 kV

Min. Efficiency: 98.5 %
 -Calculated @ 35% Loaded

Impedance: 4.5 - 5.5 %
 Weight: 540 Lbs

Termination	Location	Lug Size
Primary:	Front	6-300 MCM
Secondary:	Front	2-600 MCM

Wiring Connection:

Primary:

Voltage	% Tap	Connect Lines To:
504	105.0	H5 - H6
492	102.5	H4 - H5
480	100.0	H3 - H4
468	97.5	H2 - H3
456	95.0	H1 - H2

Secondary:

Voltage	Interconnect:	Connect Loads To:
240	X2 To X3	X1-X4
120	X1 To X3 X2 To X4	X1-X4
120/240	X2 To X3	X1-X2-X4 (X2 is a Neutral)

Standards:

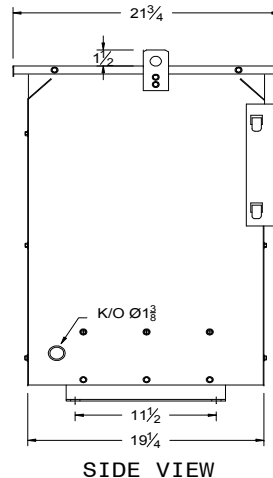
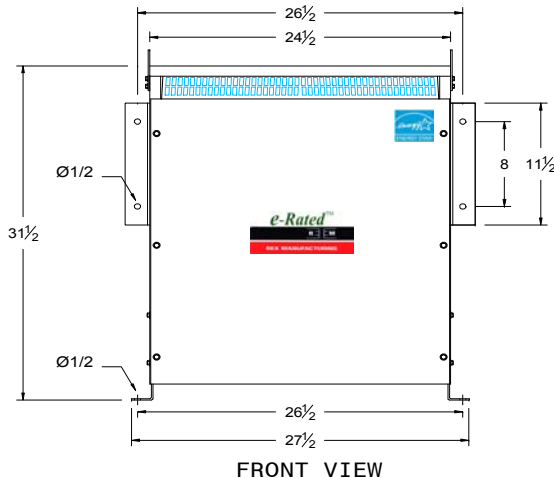
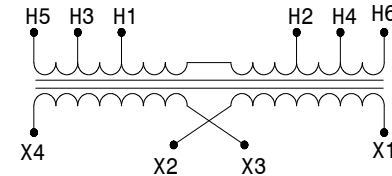
- CSA Certified
 - File No. LR34493
- UL Listed
 - File No. E108255

Standard Features:

- Anti-Vibration pads installed between the enclosure base and the core & coil assembly
- Ground lug provided

Special Features:

- Transformer meets Efficiency per CSA C802.2-06
- Transformer meets NEMA TP-1-2002 Efficiency



CSA Enclosure:

- Type 2 (NEMA 2)
 - Sprinklerproof when the angle between sprinkler heads and opening in the enclosure does Not exceed 45 degree from the vertical.
- Indoor Ventilated
- ASA 61 Grey
- Floor/Wall Mounting

Prepared by: AP
 Approved by: VS
 Date: NOV.13, 2008