



REX POWER MAGNETICS

DIVISION OF TRANSFACTOR INDUSTRIES INC.
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ENERGY EFFICIENT TRANSFORMER

- 3 Phase Isolation
- Dry Type
- ANN Self Cooled

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

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.

Coils: Aluminum Wound
 Cat. No.: BA45H-M/Z

kVA: 45
 Primary: 480 Delta Volt
 Secondary: 208 Y/120 Volt

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

Frequency: 60 Hz
 Sound Level: 45 dB Max.

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

BIL: 10 kV

Min. Efficiency: 97.7 %
 - Calculated @ 35% Loaded

Impedance: 5.0 - 6.0 %
 Weight: 340 Lbs

Termination	Location	Lug Size
Primary:	Front	2-14 AWG
Secondary:	Front	2/0-14 AWG

Wiring Connection:

Primary Voltage	H1-H2-H3 % Tap	Jumpers To:
504	105.0	1-1-1
492	102.5	2-2-2
480	100.0	3-3-3
468	97.5	4-4-4
456	95.0	5-5-5

Secondary Voltage	X0-X1-X2-X3 Phase	Connect Loads To:
208	3	X1-X2-X3
120	1	X0-X1, X0-X2, and/or X0-X3

Standards:

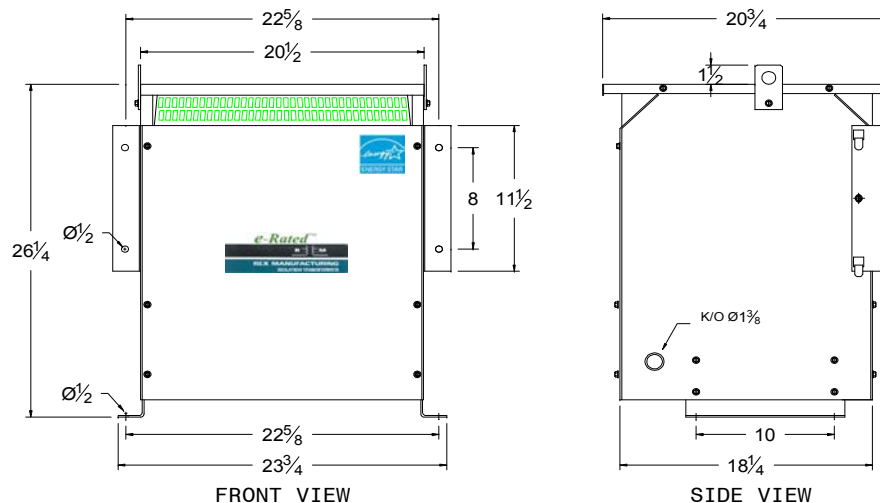
1. CSA Certified
- File No. LR34493
2. UL Listed
- File No. E108255

Standard Features:

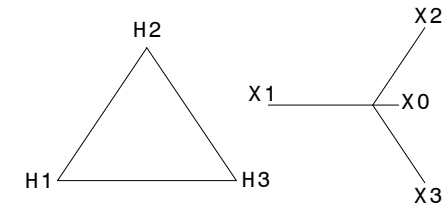
1. Anti-vibration pads installed between the enclosure base and the core & coil assembly
2. Ground lug provided

Special Features:

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



Vector Group



30° Phase Shift

CSA Enclosure:

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

Prepared by: AP
 Approved by: VS
 Date: SEPT.23, 2008