



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

Coils: Aluminum Wound
 Cat. No.: BA300H-M/Z

kVA: 300
 Primary: 480 Delta Volt
 Secondary: 208 Y/120 Volt

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

Frequency: 60 Hz
 Sound Level: 55 dB Max.

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

BIL: 10 kV

Min. Efficiency: 98.6 %
 - Calculated @ 35% Loaded

Impedance: 5.0 - 6.0 %
 Weight: 2100 Lbs

Termination	Location	Terminals
Primary:	Front	6-300 MCM 2/Ph
Secondary:	Front	6-300 MCM 4/Ph

Wiring Connection:

Primary:	H1-H2-H3	Links:
Voltage	% Tap	
504	105.0	1-2
492	102.5	2-3
480	100.0	3-4
468	97.5	4-5
456	95.0	5-6

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

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.

Standards:

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

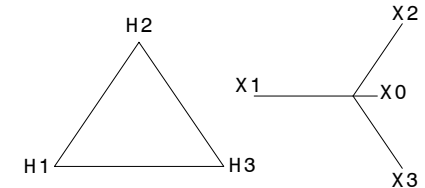
Standard Features:

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

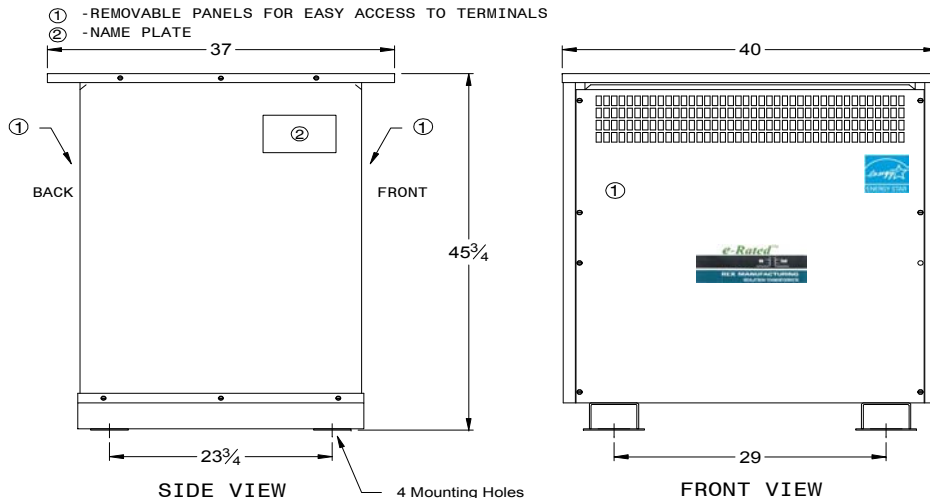
Special Features:

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)
2. Indoor Ventilated
3. ASA 61 Grey
4. Floor Mounting

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