



REX POWER MAGNETICS

DIVISION OF TRANSFACTOR INDUSTRIES INC.
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ENERGY EFFICIENT TRANSFORMER

- 3 Phase Isolation
- Dry Type
- 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.

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
2. Transformer meets NEMA TP-1-1996 efficiency

Coils: Copper Wound
 Cat. No.: BC450HM/Z

KVA: 450
 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 Degree C
 Temperature Rise: 150 Degree C

BIL: 10 kV

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

Impedance: 5.0 - 6.0 %
 Weight: 2600 Lbs

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

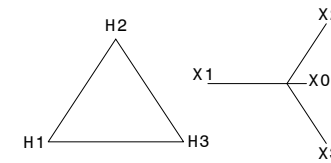
Termination	Location	Terminals
Primary:	Front	BUS
Secondary:	Back	BUS

Wiring Connection:

Primary:	H1-H2-H3	Voltage	% Tap	Linked
		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

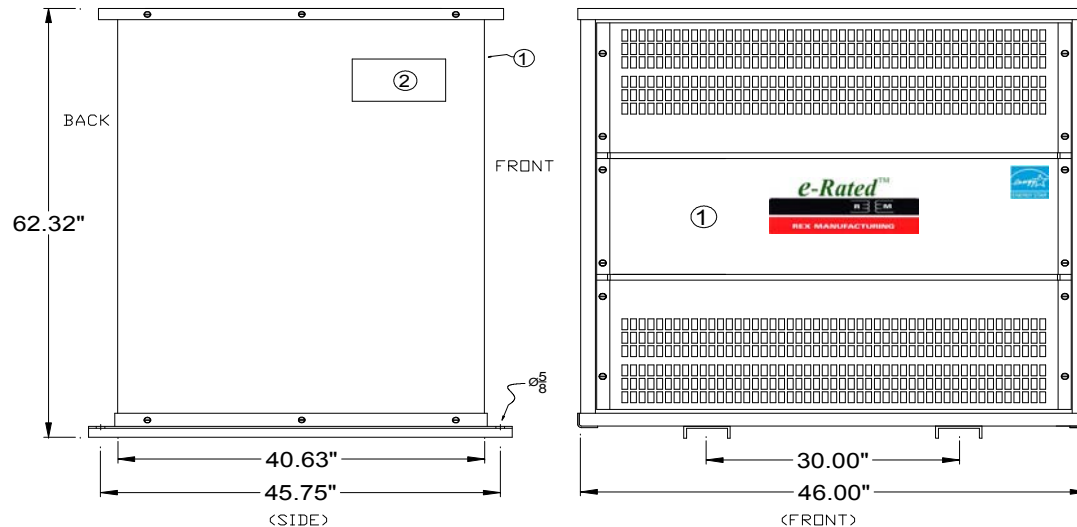
Secondary:	X0-X1-X2-X3	Voltage	Phase	Connect Loads To:
		208	3	X1-X2-X3
		120	1	X0-X1, X0-X2, and/or X0-X3

Vector Group



30 Degree Phase Shift

- ① -REMOVABLE PANELS FOR EASY ACCESS TO TERMINALS
- ② -NAME PLATE



CSA Enclosure:

1. Type 2 (NEMA 2)
2. Indoor Ventilated
3. ASA 61 Grey
4. Floor Mounting

Prepared by: AP
 Approved by: VS
 Date: May 9, 2007