



REX POWER MAGNETICS

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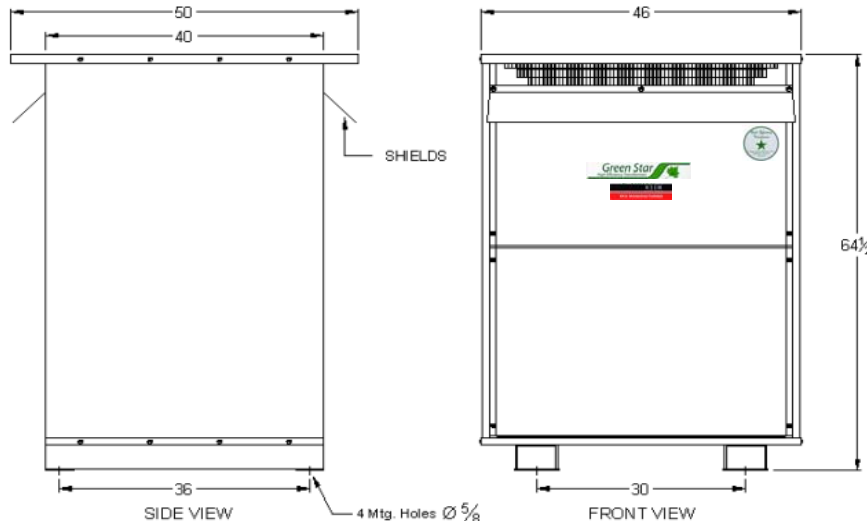
ENERGY EFFICIENT TRANSFORMER

- 3 Phase Isolation
- Dry Type
- ANN Self Cooled

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

Coils: Copper
 Cat. No.: BC450J-M/Z
 kVA: 450
 Primary: 600 Delta Volts
 Secondary: 208 Y/120 Volts
 Primary Taps: 2.5 %
 -Taps FCAN 2
 -Taps FCBN 2
 Frequency: 60 Hz
 Sound Level: 60 dB Max.
 BIL: 10 kV
 Insulation Class: 220° C
 Temperature Rise: 150° C
 Impedance: 5.0 - 6.0 %
 Min. Efficiency: 98.68 %
 - Calculated @ 35% Loaded

Weight: 2500 Lbs



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

Wiring Connection:

Primary:	H1-H2-H3	Links:
Voltage	% Tap	
630	105.0	1-2
615	102.5	2-3
600	100.0	3-4
585	97.5	4-5
570	95.0	5-6

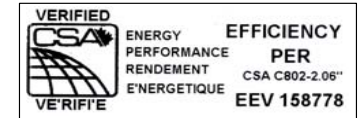
Secondary:	X0-X1-X2-X3	Connect Loads To:
Voltage	Phase	
208	3	X1-X2-X3
120	1	X0-X1, X0-X2, and/or X0-X3

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

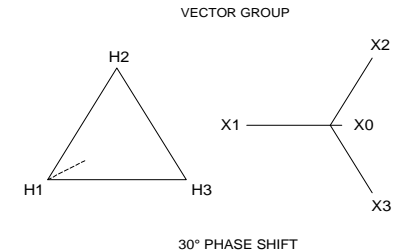
Standards:

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
3. Transformer meets Efficiency per CSA C802.2
4. Transformer meets NEMA TP-1 Efficiency Level



CSA Enclosure:

1. Type 3R (NEMA 3R)
- Sprinklerproof when the angle between sprinkler heads and opening in the enclosure does not exceed 45 degree from the vertical.
2. Ventilated
3. ASA 61 grey
4. Floor mounting

2	Updated Logo	AP	VS	Mar.26, 2012
1	Updated Standard Features	SA	VS	Oct. 26, 2010
REV#	Remarks	BY	Approved By	DATE

Prepared by: SA
 Approved by: VS
 Date: OCT 26 2010