



**REX POWER MAGNETICS**

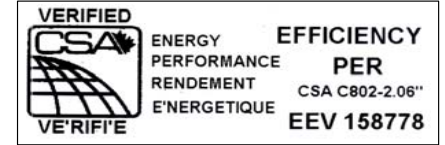
DIVISION OF TRANSFACTOR INDUSTRIES INC.  
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**ENERGY EFFICIENT TRANSFORMER**

- 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.

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



Coils: Copper  
 Cat. No.: BC225J-M/Z

kVA: 225  
 Primary: 600 Delta Volts  
 Secondary: 208 Y/120 Volts  
 Primary Taps: 2.5 %  
 -Taps FCAN 2  
 -Taps FCBN 2

Frequency: 60 Hz  
 Sound Level: 55 dB Max.  
 BIL: 10 kV  
 Insulation Class: 220° C  
 Temperature Rise: 150° C  
 Impedance: 5.0 - 6.0 %

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

Weight: 1650 Lbs

Termination	Location	Terminals
Primary:	Front	6-300 MCM 1/Ph
Secondary:	Front	2-600 MCM 2/Ph

**Wiring Connection:**

Primary:	H1-H2-H3
Voltage	% Tap
630	105.0
615	102.5
600	100.0
585	97.5
570	95.0

Links:

Secondary:	X0-X1-X2-X3
Voltage	Phase
208	3
120	1

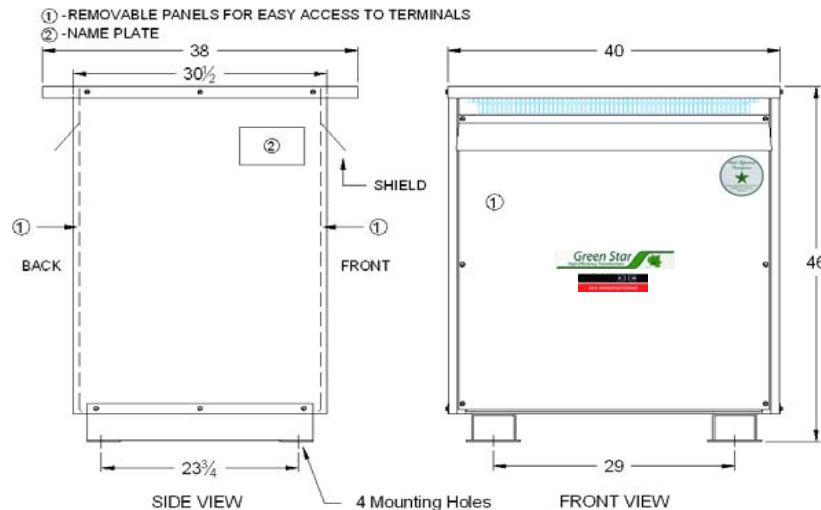
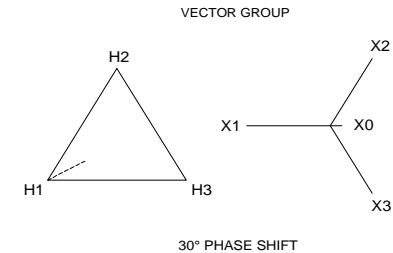
Connect Loads To:  
 X1-X2-X3  
 X0-X1, X0-X2,  
 and/or X0-X3

**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
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 & Wgt.	AP	VS	May 13, 2011
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