



REX POWER MAGNETICS

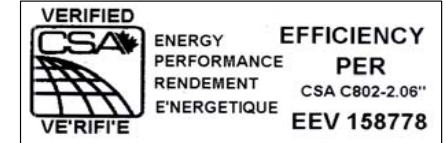
DIVISION OF TRANSFACTOR INDUSTRIES INC.
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ENERGY EFFICIENT TRANSFORMER

- 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: Copper
Cat. No.: BC30J-M/Z

kVA: 30
Primary: 600 Delta Volts
Secondary: 208 Y/120 Volts
Primary Taps: 2.5 %
-Taps FCAN 2
-Taps FCBN 2

Frequency: 60 Hz
Sound Level: 45 dB Max.
BIL: 10 kV
Insulation Class: 220° C
Temperature Rise: 150° C
Impedance: 5.0 - 6.0 %

Min. Efficiency: 97.5 %
- Calculated @ 35% Loaded

Weight: 285 Lbs

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

Wiring Connection:

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

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

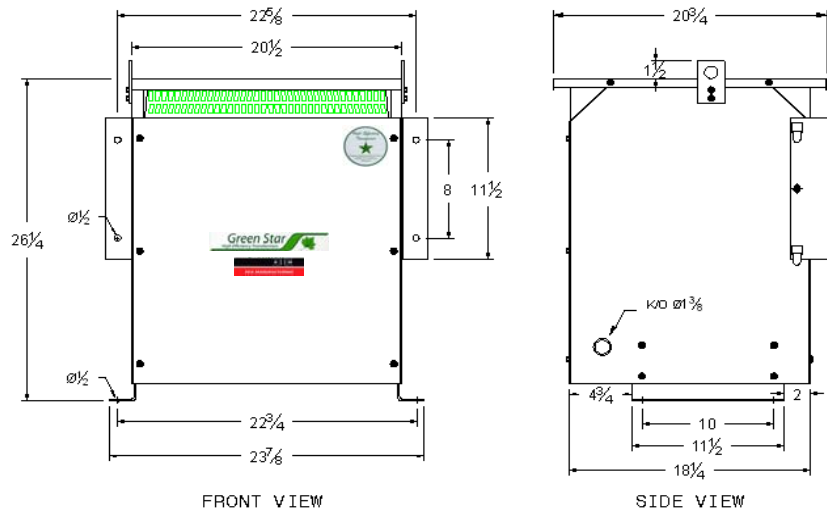
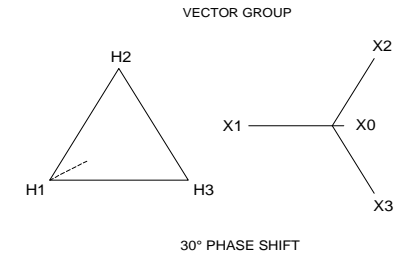
Connect Loads To:
X1-X2-X3
X0-X1, X0-X2,
and/or X0-X3

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/Wall mounting

2	Updated Logo	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