



REX POWER MAGNETICS

DIVISION OF TRANSFACTOR INDUSTRIES INC.  
65 Basaltic Rd. Concord, ON, L4K 1G4 Canada  
Tel: 905-695-8844, 1-800-387-2840 Fax: 905-695-8855  
www.RexPowerMagnetics.com

### TRANSFORMER SPECIFICATION

- 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.: BC6J-M

kVA: 6  
 Primary: 600 Delta Volts  
 Secondary: 208 Y/120 Volts

Primary Taps: 5 %  
 -Taps FCAN 1  
 -Taps FCBN 1

Frequency: 60 Hz

BIL: 10 kV

Insulation Class: 185° C  
 Temperature Rise: 115° C  
 Impedance: 6.5 - 7.5 %

Weight: 130 Lbs

Termination	Location	Terminals
Primary:	Front	Terminal Blocks
Secondary:	Front	Terminal Blocks

#### Wiring Connection:

Primary:	H1-H2-H3	Voltage	% Tap	Jumpers To:
630	105.0			1-1-1
600	100.0			2-2-2
570	95.0			3-3-3

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

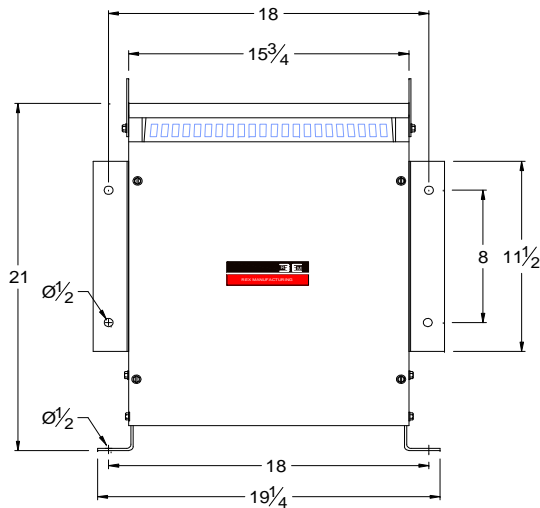
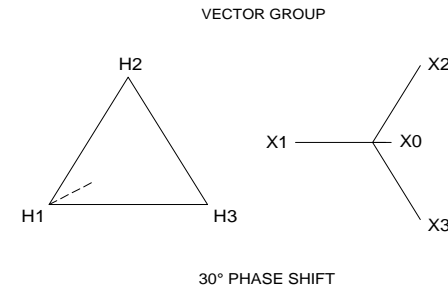
Connect Loads To:  
 X1-X2-X3  
 X0-X1, X0-X2,  
 and/or X0-X3

#### Standards:

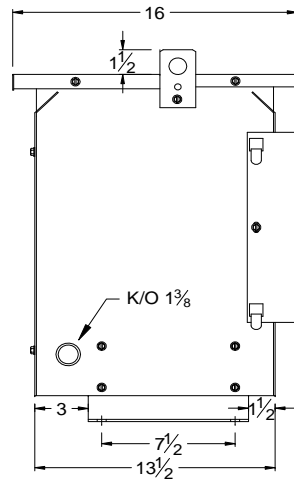
1. CSA Certified  
- File No. LR34493
2. UL Listed  
- File No. E108255

#### Standard Features:

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



FRONT VIEW



SIDE VIEW

#### 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

1	updated Standard Features	SA	VS	OCT 26 2010
REV#	Remark	BY	Approved By	DATE

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