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

- 1 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:	Aluminum
Cat. No.:	SA7J-K
kVA:	7.5
Primary:	600 Volts
Secondary:	120/240 Volts
Primary Taps:	5 %
-Taps FCAN	1
-Taps FCBN	1
Frequency:	60 Hz
Sound Level:	45 dB Max.
BIL:	10 kV
Insulation Class:	220° C
Temperature Rise:	150° C
Impedance:	6.5 - 7.5 %
Weight:	140 Lbs

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

Wiring Connection:

Primary: H1, H2

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

Secondary: X1, X2, X3, X4

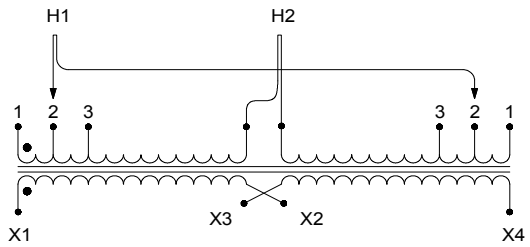
Voltage	Interconnect:	Connect Loads To:
240	X2 to X3	X1 - X4
120	X1 to X3 and X2 to X4	X1 - X4
120/240	X2 to X3	X1 - X2 - X4 (X2 is a neutral)

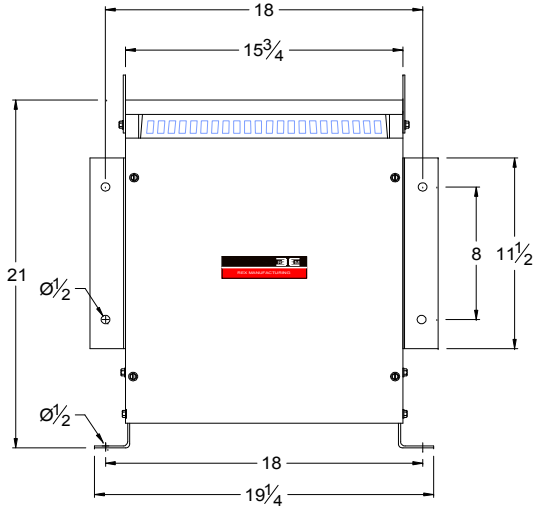
Standards:

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

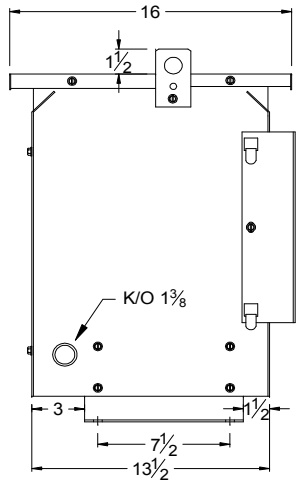
Standard Features:

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

Rev.	Remarks	By	Approved by	Date
1	Updated vector diagram	AP	VS	Feb.2, 2011

Prepared by:	SA
Approved by:	VS
Date:	FEB.2, 2011

X:\Drawings\WEB DWG\2011 Update\1Ph\SA...J-KZ.xls