



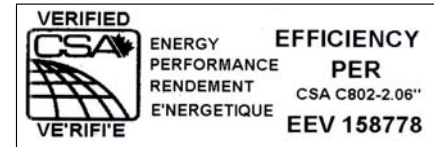
DIVISION OF TRANSFACTOR INDUSTRIES INC.
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ENERGY EFFICIENT TRANSFORMER

- 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.: BC45H-M/Z

kVA: 45
 Primary: 480 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: 97.7 %
 - Calculated @ 35% Loaded

Weight: 377 Lbs

Termination	Location	Lug Size
Primary:	Front	2-14 AWG
Secondary:	Front	2/0-14 AWG

Wiring Connection:

Primary:	H1-H2-H3	Voltage	% Tap	Jumpers To:
504	105.0	492	102.5	1-1-1
480	100.0	468	97.5	2-2-2
456	95.0	432	90.0	3-3-3
		408	85.0	4-4-4
		384	80.0	5-5-5

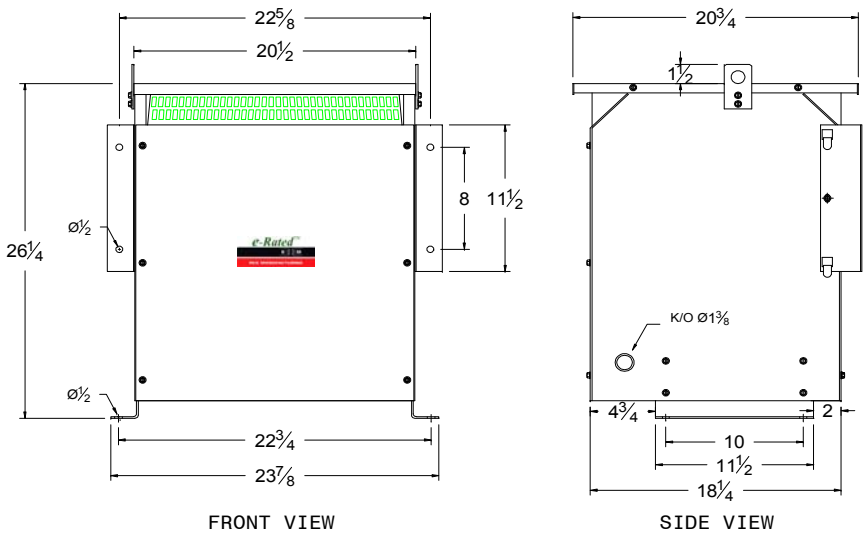
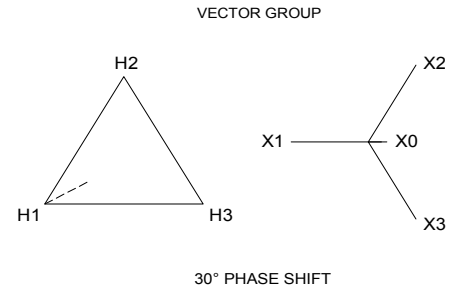
Secondary:	X0-X1-X2-X3	Voltage	Phase	Connect Loads To:
208	3	120	1	X1-X2-X3
				X0-X1, X0-X2, and/or X0-X3

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

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