



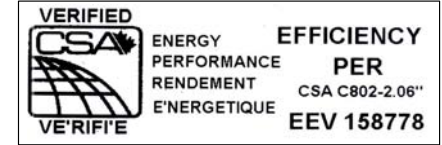
DIVISION OF TRANSFACTOR INDUSTRIES INC.  
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## ENERGY EFFICIENT TRANSFORMER

- 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: Aluminum  
 Cat. No.: BA45H-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: 378 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

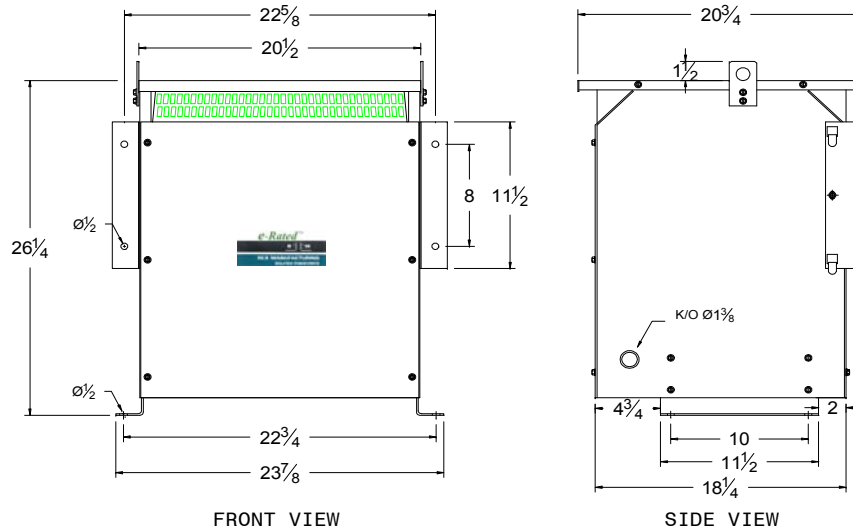
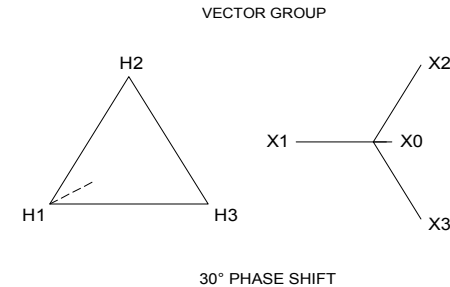
Secondary:	X0-X1-X2-X3	Voltage	Phase	Connect Loads To:
208	3	120	1	X1-X2-X3
				X0-X1, X0-X2, and/or X0-X3

### 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