



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

ENERGY EFFICIENT TRANSFORMER

-Single Phase Isolation Transformer

-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 Wound
 Cat. No.: SC50H-K/Z

kVA: 50
 Primary: 480 Volts
 Secondary: 120/240 Volts
 Primary Taps: 2.5 %
 -Taps FCAN 2
 -Taps FCBN 2

Frequency: 60 Hz

Insulation Class: 220° C
 Temperature Rise: 150° C

BIL: 10 kV

Min. Efficiency: 98.3 %
 -Calculated @ 35% Loaded

Impedance: 4.5 - 5.5 %
 Weight: 390 Lbs

Termination	Location	Lug Size
Primary:	Front	2/0-14 AWG
Secondary:	Front	6-300 MCM

Wiring Connection:

Primary:	Connect Lines To:	
Voltage	% Tap	
504	105.0	H5 - H6
492	102.5	H4 - H5
480	100.0	H3 - H4
468	97.5	H2 - H3
456	95.0	H1 - H2

Secondary:	Connect Loads To:	
Voltage	Interconnect:	
240	X2 To X3	X1-X4
120	X1 To X3 X2 To X4	X1-X4
120/240	X2 To X3	X1-X2-X4 (X2 is a Neutral)

Standards:

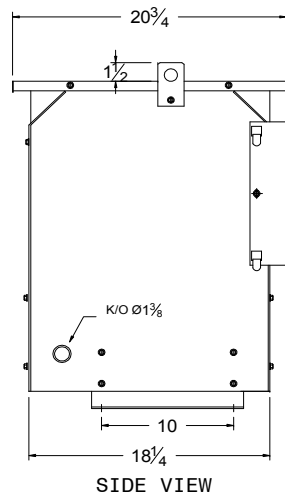
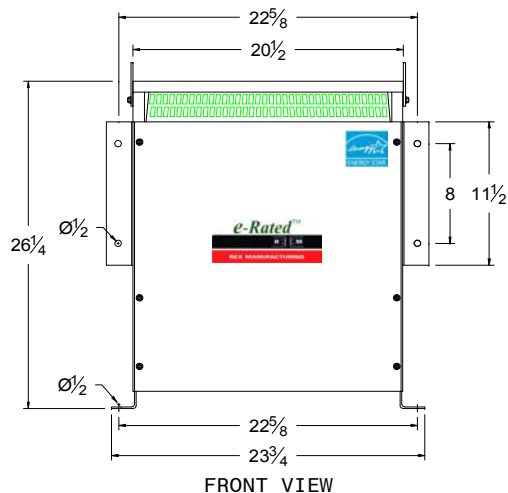
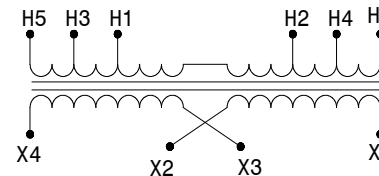
1. CSA Certified
- File No. LR34493
2. UL Listed
- File No. E108255

Standard Features:

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

Special Features:

1. Transformer meets Efficiency per CSA C802.2-06
2. Transformer meets NEMA TP-1-2002 Efficiency



CSA Enclosure:

1. Type 2 (NEMA 2)
- Sprinklerproof when the angle between sprinkler heads and opening in the enclosure does Not exceed 45 degree from the vertical.
2. Indoor Ventilated
3. ASA 61 Grey
4. Floor/Wall Mounting

Prepared by: AP

Approved by: VS

Date: NOV.13, 2008

X:\Drawings\C802\1PIUpdate\SC50H-KZ