



REX POWER MAGNETICS

A DIVISION OF TRANSFACTOR INDUSTRIES INC.
65 BASALTIC RD, CONCORD, ON, CA L4K 1G4
TEL: 905-695-8844 • FAX: 905-695-8855
WWW.REXPOWERMAGNETICS.COM

TRANSFORMER SPECIFICATION

- 3 Phase Drive Isolation
- Dry Type
- ANN Self Cooled
- Suitable for Nonsinusoidal Current Load with a K-Factor not to exceed 4

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 a purchase order.
Please refer to this drawing and be marked with any proposed changes.

Coils: Aluminum
Cat. No.: DA30F-S1/50/CE

kVA: 30
Primary: 380 Delta Volts
Secondary: 230 Y/133 Volts
Primary Taps: 2.5 %
-Taps FCAN 2
-Taps FCBN 2

Frequency: 50/60 Hz

BIL: 10 kV
Insulation Class: 220 °C
Temperature Rise: 150 °C
Impedance: 5.0 %

Weight: 310 Lbs

Windings	For Cable Size	Lugs Termination
Primary @ Front	#14 AWG up to #2 AWG	2-14 AWG (1/Ph)
Secondary @ Front	#14 AWG up to #2 AWG	2-14 AWG (1/Ph)
Ground lug @ the base of enclosure		4 PORT 2/0-14 AWG

Wiring Connection:

Primary: H1-H2-H3
Voltage % Tap Jumpers To:
399 105.0 1-1-1
390 102.5 2-2-2
380 100.0 3-3-3
371 97.5 4-4-4
361 95.0 5-5-5

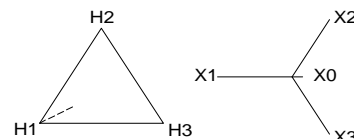
Secondary: X0-X1-X2-X3
Voltage Phase Connect Loads To:
230 3 X1-X2-X3
133 1 X0-X1, X0-X2,
and/or X0-X3

Standards:

- 1)- CSA Certified File No. LR34493
- 2)- UL Listed File No. E108255
- 3)- CE Compliance

Standard Features:

- 1)- Anti-vibration pads installed between the enclosure base and the core & coil assembly
- 2)- Lug for Earth grounding provided
- 3)- Neutral rated 200% of the line terminals
- 4)- N/C 200°C thermostat installed at the centre coil
- 5)- Seismic rated for USA zone 4 and Canada zone 6



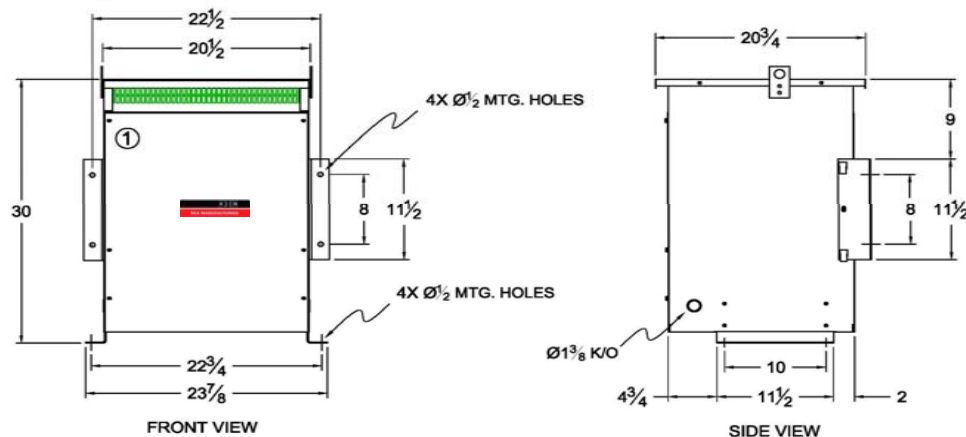
CSA Enclosure:

- 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	Appr. By	Date

Prepared by: SS
Approved by: VS
Date: FEB. 7, 2022

① - REMOVABLE PANELS FOR EASY ACCESS TO TERMINALS



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or