



REX POWER MAGNETICS

A DIVISION OF TRANSFACTOR INDUSTRIES INC.
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TRANSFORMER SPECIFICATION

- 3 Phase Isolation
- Dry Type
- ANN Self Cooled

Purchaser: PHILIPS BROTHERS ELEC. CONTRACTORS, INC.
PO#: 38035
SWO#: V11650
Qty: 3

"As-Built" Drawing

This drawing is a record of our final construction for the noted order.

Coils: Aluminum
Cat. No.: BA30X-P
kVA: 30
Primary: 240/229/218/208/198/188 Delta Volts
Secondary: 480 Y/277 Volts
Frequency: 60 Hz
BIL: 10 kV
Insulation Class: 220 °C
Temperature Rise: 150 °C
Impedance: 4.5 %
Weight: 305 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 | | 2-14 AWG |

Wiring Connection:

Primary:

| Voltage | Jumpers To: | Connct Lines To: |
|---------|-------------|------------------|
| 240 | 1-1-1 | X1-X2-X3 |
| 229 | 2-2-2 | X1-X2-X3 |
| 218 | 3-3-3 | X1-X2-X3 |
| 208 | 4-4-4 | X1-X2-X3 |
| 198 | 5-5-5 | X1-X2-X3 |
| 188 | 6-6-6 | X1-X2-X3 |

Secondary:

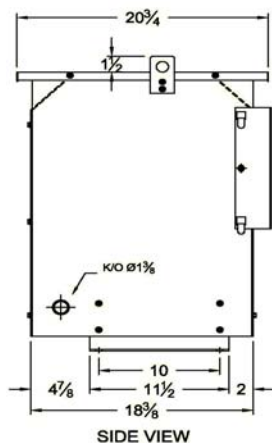
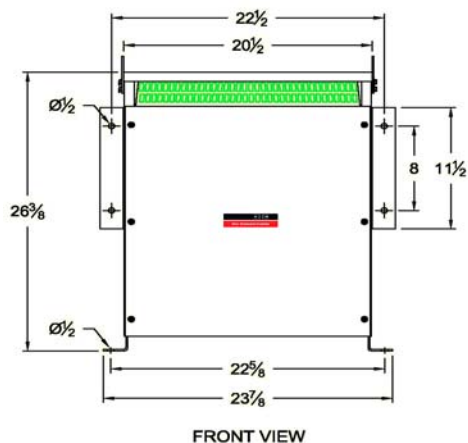
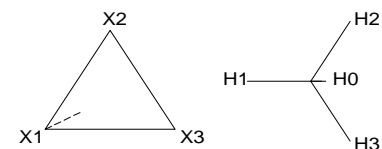
| Voltage | H0-H1-H2-H3 Phase | Connect Loads To: |
|---------|----------------------|-------------------------------|
| 480 | 3 | H1-H2-H3 |
| 277 | 1 | H0-H1, H0-H2, and/or H0-H3 |

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)- Lug for Earth grounding provided
- 3)- 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: AP
Approved by: VS
Date: DEC.20, 2017