



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 or refer to this drawing and be marked with any proposed changes

Coils: Aluminum
 Cat. No.: DA14X-N1/FE
 RPN#: DA14HCB-N1/X/FE

Windings	For Cable Size	Termination
Primary @ Front	#14 AWG up to #6 AWG	Terminal Blocks
Secondary @ Front	#14 AWG up to #6 AWG	Terminal Blocks

kVA: 14
 Primary: 480/240/208 Delta Volts
 Secondary: 400 Y/231 Volts

Wiring Connection:

Primary:
 Voltage: 480 Jumpers To: 1-1-1 Connect Lines To: H1-H2-H3
 240 Jumpers To: 2-2-2 Connect Lines To: H1-H2-H3
 208 Jumpers To: 3-3-3 Connect Lines To: H1-H2-H3

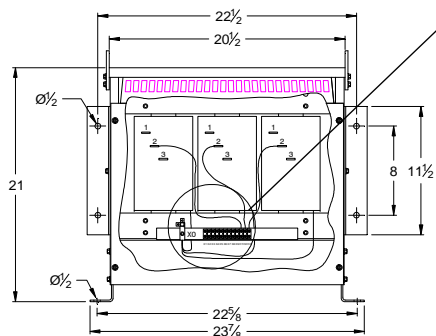
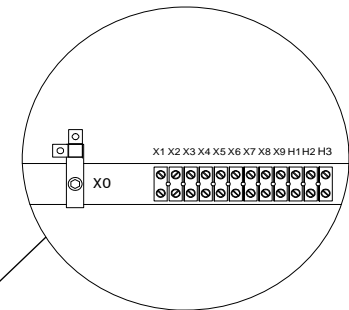
Secondary Taps: 5 %
 -Taps FCAN 1
 -Taps FCBN 1

Secondary:
 Voltage: 400Y/242 % Tap 105.0 Connect Loads To: X0-X1-X2-X3
 400Y/231 100.0 Connect Loads To: X0-X4-X5-X6
 380Y/220 95.0 Connect Loads To: X0-X7-X8-X9

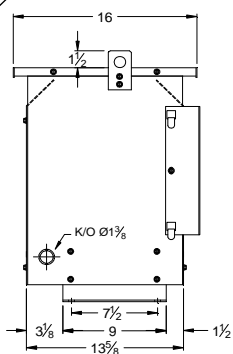
Frequency: 60 Hz

BIL: 10 kV
 Insulation Class: 220 °C
 Temperature Rise: 150 °C
 Impedance: 4.0 - 5.0 %

Weight: 230 Lbs



FRONT VIEW



SIDE VIEW

Standards:

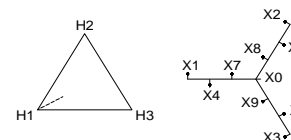
- 1)- CSA Certified File No. LR34493
- 2)- UL Listed File No. E108255

Standard Features:

- 1)- Anti-vibration pads installed between the enclosure base and the core & coil assembly
- 2)- Lug for Earth grounding provided
- 3)- 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

Special Features:

X = ± 5% F.C. Secondary taps



Note: Secondary is fully rated - only one can be used at a time

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
1	Terminal Blocks HV/LV & Marking	AP	VS	Aug.1, 2017

Prepared by: AP
 Approved by: VS
 Date: MAY 13, 2015