



## TRANSFORMER SPECIFICATION

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

### Drawing for Record

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

Purchaser: TBA  
 PO#: TBA  
 SWO#: TBA  
 Qty: TBA

Windings	For Cable Size	Lugs Terminations
Primary @ Front	#6 AWG up to 300MCM	300MCM-6 (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: 480  
 Jumpers To: 1-1-1, 2-2-2, 3-3-3  
 Connect Lines To: H1-H2-H3, H1-H2-H3, H1-H2-H3

**Secondary:**  
 Voltage: 420Y/242, 400Y/231, 380Y/220  
 % Tap: 105.0, 100.0, 95.0  
 Connect Loads To: X0-X1-X2-X3, X0-X4-X5-X6, X0-X7-X8-X9

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

Coils: Aluminum  
 Cat. No.: DA51X-N1/FE  
 RPN#: DA51HCB-N1/X/FE  
 kVA: 51  
 Primary: 480/240/208 Delta Volts  
 Secondary: 400 Y/231 Volts  
 Secondary Taps: 5 %  
 -Taps FCAN: 1  
 -Taps FCBN: 1  
 Frequency: 60 Hz  
 BIL: 10 kV  
 Insulation Class: 220 °C  
 Temperature Rise: 150 °C  
 Impedance: 4.0 - 5.0 %  
 Weight: 465 Lbs

#### Standards:

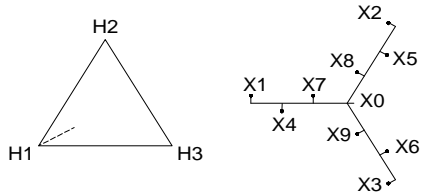
- 1)- CSA Certified File No. LR34493
- 2)- UL Listed File No. E108255

#### Standard Features:

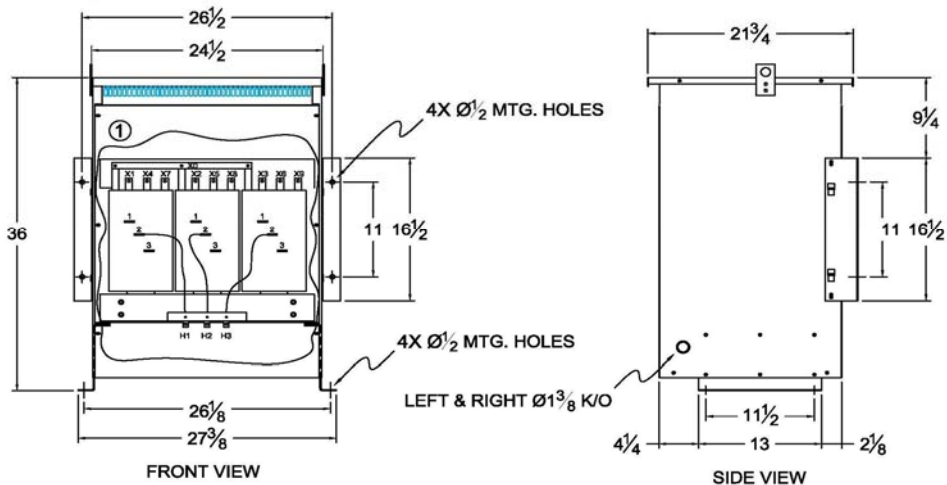
- 1)- Anti-vibration pads installed between the enclosure base and the core & coil assembly
- 2)- Lug for Earth grounding provided
- 3)- Neutral rated 200% of the line terminals
- 4)- N/C 200°C thermostat installed at the centre coil
- 5)- Seismic rated for USA zone 4 and Canada zone 6

#### Special Features:

± 5% F.C. Secondary taps



① - REMOVABLE PANELS FOR EASY ACCESS TO TERMINALS



#### 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	Height increased	AP	VS	July 29, 2019

Prepared by: AP  
 Approved by: VS  
 Date: APR.17, 2015