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

Drawing for Record

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

Coils:	Aluminum
Cat. No.:	DA145X-P/FE
RPN#:	DA145HCB-P/X/FE
kVA:	145
Primary:	480/240/208 Delta Volts
Secondary:	480 Y/277 Volts
Secondary Taps:	5 %
-Taps FCAN	1
-Taps FCBN	1
Frequency:	60 Hz
BIL:	10 kV
Insulation Class:	220 ºC
Temperature Rise:	150 ºC
Impedance:	4.0 - 5.0 %
Weight:	1215 Lbs

Windings	For Cable Size	Terminations
Primary @ Front	By Customer	Pads*
Secondary @ Front	#6 AWG up to 300MCM	Lugs: 300MCM-6 (1/Ph)
Ground lug @ the base of enclosure		2-14 AWG

*NEMA terminal connector dimensions (CC 1-2009 Annex C)

Wiring Connection:
Primary:

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

Secondary:

Voltage	% Tap	Connect Loads To:
504Y/291	105.0	X0-X1-X2-X3
480Y/277	100.0	X0-X4-X5-X6
456Y/263	95.0	X0-X7-X8-X9

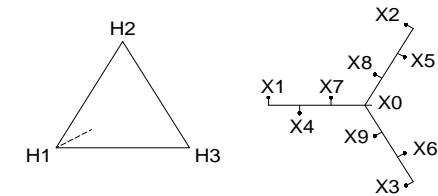**Note:** Secondary is fully rated - only one can be used at a time

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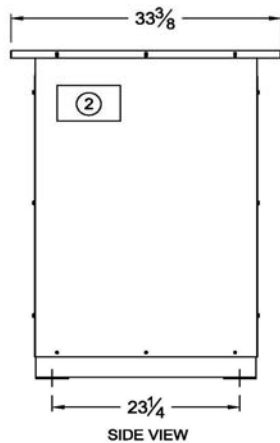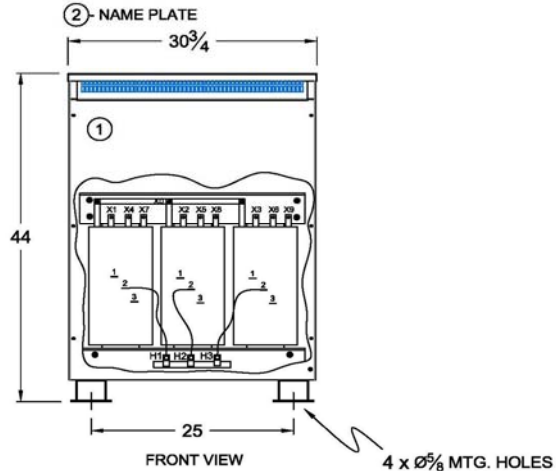2)- UL Listed File No. E108255

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 200ºC thermostat installed at the centre coil
5)- Seismic rated for USA zone 4 and Canada zone 6

Special Features:
± 5% F.C. Secondaty taps

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 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

① - REMOVABLE PANELS FOR EASY ACCESS TO TERMINALS
② - NAME PLATE

FRONT VIEW   4 x Ø⅝ MTG. HOLES

SIDE VIEW