



Don't Buy A Transformer
Until You Call FARGO!
www.FargoElectric.com
email: Sales@FargoElectric.com
tel: (716) 741-0035
fax: (716) 741-3033
Fargo Electric Inc.
10205 Lopp Road
Clarence Center, NY 14032

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

Coils: Aluminum
Cat. No.: DA27X-N1/FE
RPN#: DA27HCB-N1/X/FE

kVA: 27
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: 3.0 - 5.0 %

Weight: Approx. 316 Lbs

Windings	For Cable Size	Lugs Terminations
Primary @ Front	#6 AWG up to #2/0 AWG	2/0-6 AWG (1/Ph)
Secondary @ Front	#14 AWG up to #2 AWG	2-14 AWG (1/Ph)
Ground lug @ the base of enclosure: 4 ports 2/0-14 AWG		

Wiring Connection:

Primary:
Voltage
480
240
208
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

Drawing for Record

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

Standards:

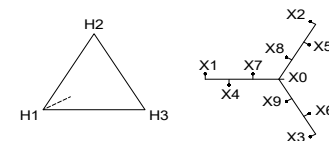
- 1)- CSA Certified File No. LR34493
- 2)- UL Listed File No. E108255

Standard Features:

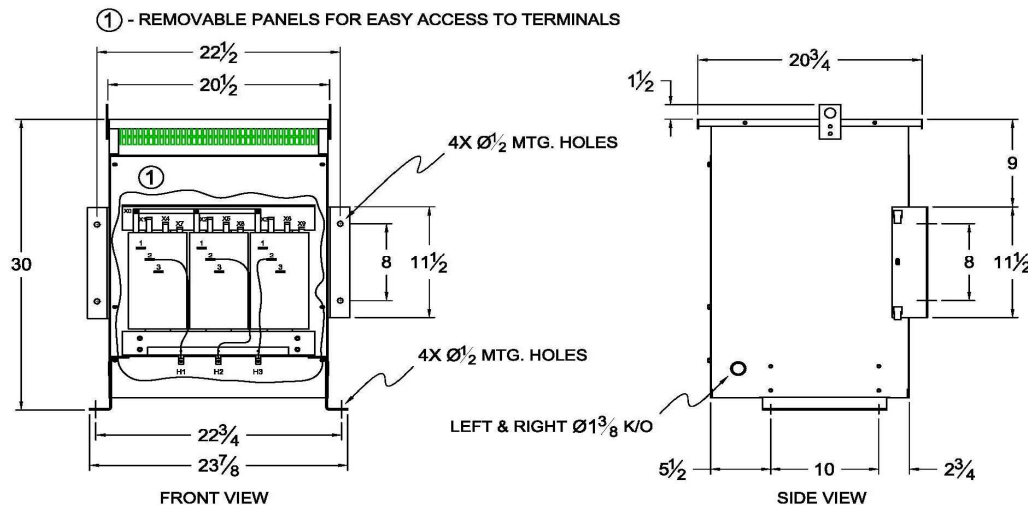
- 1)- Anti-vibration pads installed between the enclosure base and the core & coil assembly
- 2)- Lug for Earth grounding provided
- 3)- Neutral rated 200% of the line terminals
- 4)- N/C 200°C thermostat installed at the centre coil

Special Features:

X = $\pm$ 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
2	Updated Lug Size & Standard Features	AP	VS	Jan. 28, 2025
1	Height increased	AP	VS	July 29, 2019

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