



**Don't Buy A Transformer
Until You Call FARGO!**
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 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-P/FE
 RPN#: DA27HCB-P/X/FE

kVA: 27
 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 °C
 Temperature Rise: 150 °C
 Impedance: 4.0 - 6.0 %

Weight: Approx. 320 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 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

Drawing for Record

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

Standards:

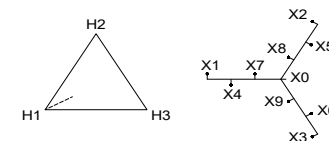
- 1)- CSA Certified File No. LR34493
- 2)- UL Listed File No. E108255

Standard Features:

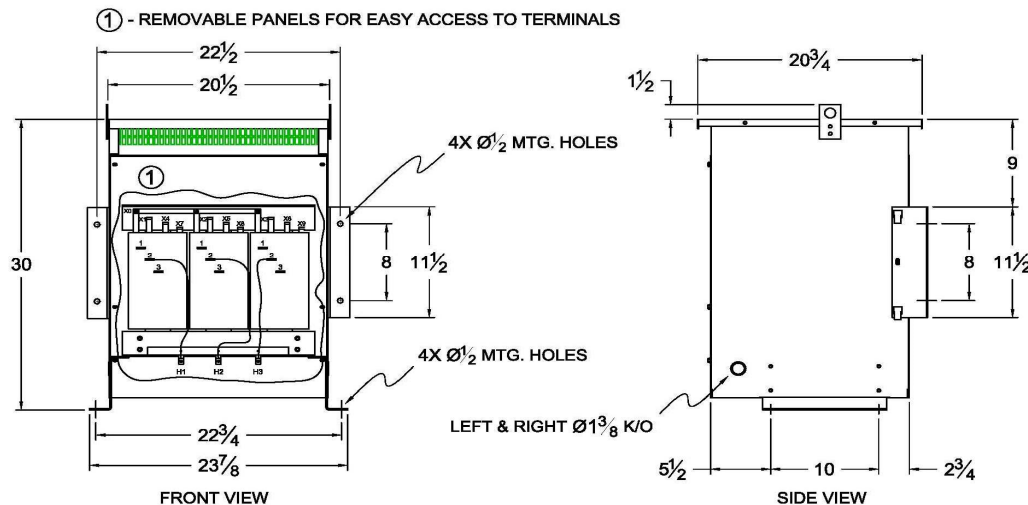
- 1)- Anti-vibration pads installed between the enclosure base and the core & coil assembly
- 2)- Lug for Earth grounding provided
- 3)- Neutral rated 200% of the line terminals
- 4)- N/C 200°C thermostat installed at the centre coil

Special Features:

X= ± 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.	Updated Lug Size & Standard Features	AP	VS	Jan. 28, 2025
2	Height increased	AP	VS	July 29, 2019
1	Remarks	By	Appr. By	Date

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