25kVA 1ϕ

PRI. V	AFP #	Taps	BIL	HIPOT	FUSE RATING*
14400	410604	±7 1/2	95	34	7E
13800	410606	±7 1/2	95	34	7E
13200	410608	±7 1/2	95	34	7E
12470	410610	±7 1/2	95	34	7E
12000	410612	±7 1/2	95	34	7E
8320	410614	±7 1/2	95	34	10E
7620	410616	±7 1/2	95	34	10E
7200	410618	±7 1/2	95	34	10E
4800	410620	±7 1/2	60	19	15E
4160	410622	±7 1/2	60	19	15E
2400	410624	±7 1/2	60	19	25E
14400	410605	±(2)2 1/2	95	34	7E
13800	410607	±(2)2 1/2	95	34	7E
13200	410609	±(2)2 1/2	95	34	7E
12470	410611	±(2)2 1/2	95	34	7E
12000	410613	±(2)2 1/2	95	34	7E
8320	410615	±(2)2 1/2	95	34	10E
7620	410617	±(2)2 1/2	95	34	10E
7200	410619	±(2)2 1/2	95	34	10E
4800	410621	±(2)2 1/2	60	19	15E
4160	410623	±(2)2 1/2	60	19	15E
2400	410625	±(2)2 1/2	60	19	25E

* Based on NEC transformer overcurrent protection, Specific applications may require other ratings.

PHASE: 1
FREQUENCY: 60 Hz
INSULATION CLASS: 185°C
TEMPERATURE RISE: 115°C
POLARITY: SUBTRACTIVE
APPROXIMATE WEIGHT: 650 LBS.

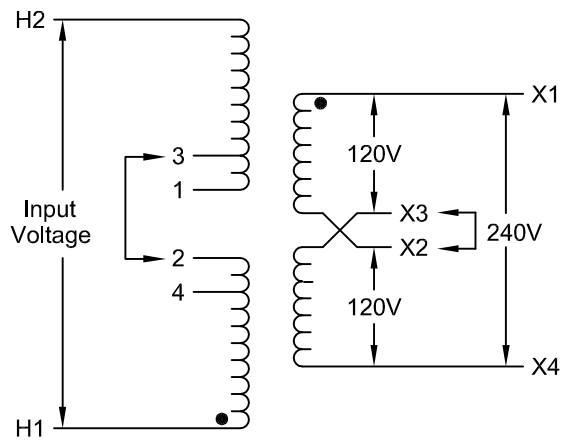
PRIMARY TAP CONNECTIONS: + Voltage % TAP ON H1-H2 JUMPER x-x
NOMINAL ON H1-H2 JUMPER 2-3
- Voltage % TAP ON H1-H2 JUMPER x-x

SECONDARY CONNECTIONS: LINES ON X1 TO X4
240V SERIES CONNECT X2 TO X3
120V PARALLEL CONNECT X1 TO X3, X2 TO X4

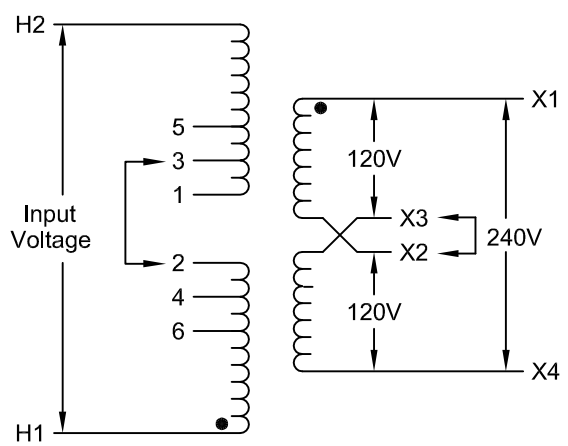
Note:

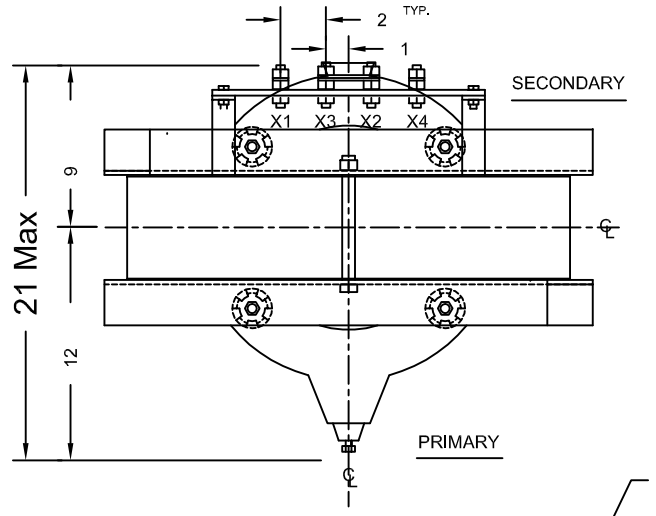
1) Dimensions are for reference only and subject to change. Consult factory for details.
2) Thermal Rating: 25kVA based on 30°C ambient, @ 55°C ambient power is limited to 21.5kVA.
3) Addition of fan cooling to transformer increases power rating by 33%.
4) High voltage coil uses vacuum cast epoxy insulation system
5) Low voltage coil impregnated with polyester resin insulation system
6) Standard product offered unfused
7) Core is constructed with low loss grain oriented electrical steel
8) Custom voltages and BIL requirements are available

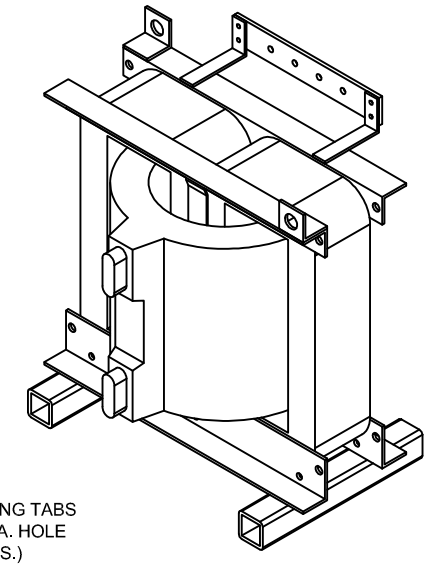
(1) ±7.5% Tap Arrangement

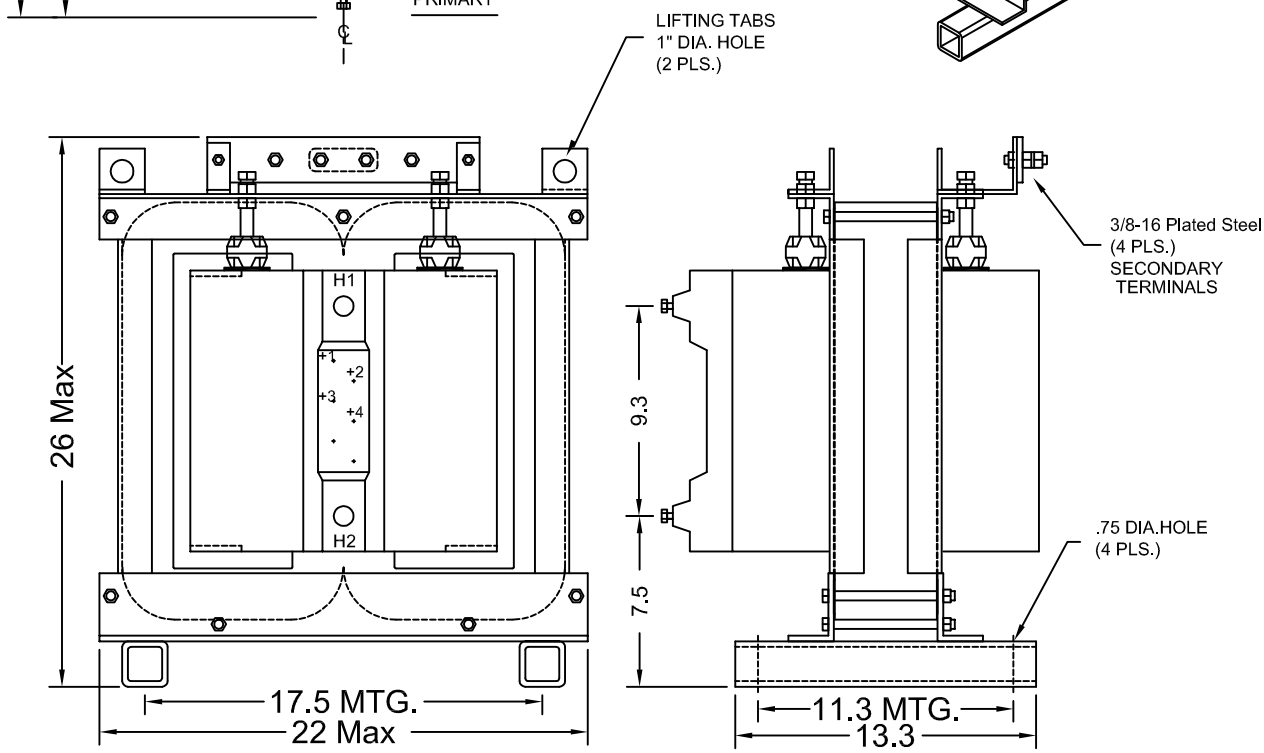


(2) ±2.5% Tap Arrangement









TYPICAL MEASUREMENTS - CAN BE MODIFIED TO CUSTOMER REQUIREMENTS

CONTACT FACTORY FOR ALL CUSTOM REQUIREMENTS

[X] **Sales generated**

☐ **APPROVED**
☐ **APPROVED AS NOTED**
☐ **REJECTED AND RESUBMIT**

DATE: ____ BY: _____

EpoxyCast 25kVA 5_15kV 1Phase Outline
from 860694B updated

AFP TRANSFORMERS, CORP.
A UNITED CAPITAL COMPANY

TITLE: **5kV to 15kV Class - 25kVA SCHEMATIC AND OUTLINE**

TOLERANCE			MATERIAL -	FINISH	
DWN.BY is	CHECKED	APPROVED	SCALE NTS	**25kVA 1ϕ**	REV. -
DATE 031621	DATE	DATE	SHEET 1 OF 1		