

REVISION	DATE	BY	DATE	BY
		DRAWN	15/11/17	JW
		CHEK'D		
		VERIF'D		

Confidential – Property of <b>Siemens Industry, Inc.</b>		
CUSTOMER	ORDER NO.	DWG. NO.
		3F3Y045FESCLN3D16
		SH 1 OF 2

# SIEMENS

CATALOG NO. 3F3Y045FESCLN3D16  
SERIAL NO. SERIES H  
**45** kVA **60** Hz **3** PHASE  
**2.0** % IMP AT **135** °C

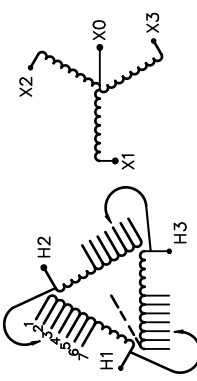
**115** °C RISE **30** °C AVG. AMBIENT  
**220** °C TEMP CLASS **40** °C MAX. AMBIENT

PRIMARY ( H1 H2 H3 ) **480V** V **10** kV BIL  
SECONDARY( X0 X1 X2 X3 ) **208Y/120V** V **10** kV BIL

WINDING MATERIAL **CU**  
ENCLOSURE TYPE **3R** WEIGHT **615** LBS  
ENERGY EFFICIENCY **EXCEEDS CSA** DOE 10 CFR PART 431:2016  
**C802.2-2012**


SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND  
ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES  
EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT  
ELECTROSTATIC SHIELD  
SOUND LEVEL 3dB BELOW NEMA ST20 REQUIREMENTS

SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS  
BEFORE HANDLING, INSTALLING AND OPERATING, SEE INSTRUCTION MANUAL  
NEMA Class **ANN** Dry Type Transformer



VOLTS  
504  
492  
480  
468  
456  
444  
432

CONNECT  
1  
2  
3  
4  
5  
6  
7



**LISTED**  
UL  
7705  
E112313

TYPE **K**  
DRY TYPE  
TRANSFORMER  
LR 3902

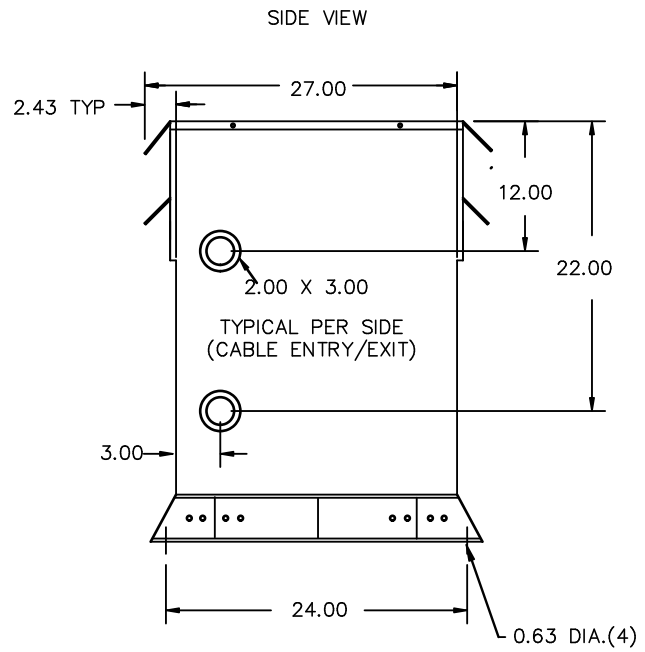
SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY  
OSP-0136-10 IBC 2012/ASCE 7-10  
SDS<=2.0g Z/h=1 Ip=1.5

Siemens Industry, Inc. Norcross, GA ds00066





All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR #2/0-14 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT

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