

REVISION	DATE	BY	DATE	BY
		DRAWN	15/11/09	JW
		CHEK'D		
		VERIF'D		

Confidential - Property of Siemens Industry, Inc.		
CUSTOMER	ORDER NO.	DWG. NO.
		3F3Y045FLN3D16
		SH 1 OF 2

SIEMENS

CATALOG NO. 3F3Y045FLN3D16
 SERIAL NO. SERIES H
45 kVA **60** Hz **3** PHASE
2.8 % 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 **AL**
 ENCLOSURE TYPE **3R** WEIGHT **550** LBS
 ENERGY EFFICIENCY EXCEEDS CSA DOE 10 CFR PART 431:2016
 C802.2-2012

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND
 ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES
 EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT
 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

DRY TYPE TRANSFORMER
7705 E112313

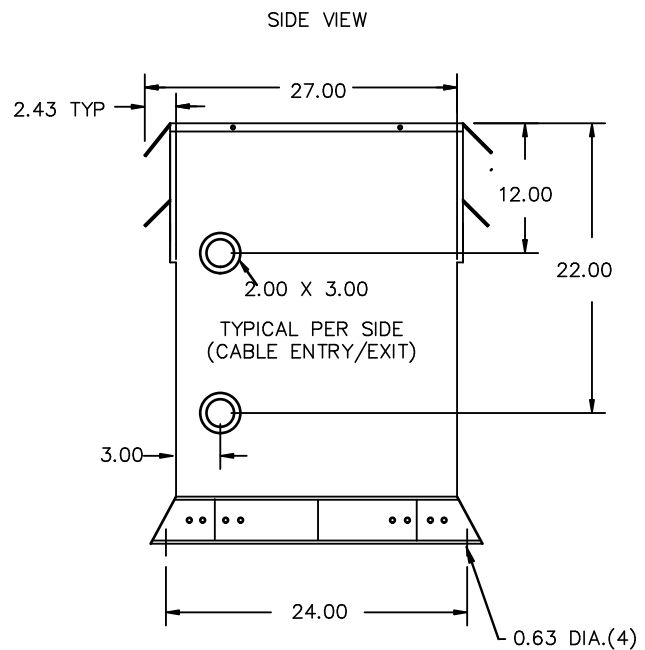
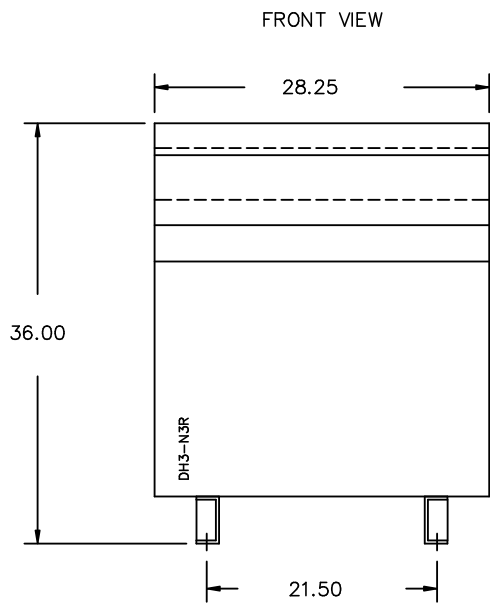
TYPE **K**

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 ds0006e





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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ORDER NO.	DWG. NO.	
	3F3Y045FLN3D16	SH 2 OF 2

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