

REVISION	DATE	BY	DATE	BY
		DRAWN	16/02/02	PP
		CHEK'D		
		VERIF'D		

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Siemens Industry, Inc.

CUSTOMER	ORDER NO.	DWG. NO.	
		3F1Y045K13FCD16	SH 1 OF 2

SIEMENS

CATALOG NO. 3F1Y045K13FCD16
SERIAL NO. SERIES H
45 kVA **60** Hz **3** PHASE
4.1 % 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(X1 X2 X3)	240V V 10 kV BIL

WINDING MATERIAL **CU**
ENCLOSURE TYPE **3R** WEIGHT **450** 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 3 INCHES
X6=120V C.T., 5% OF KVA RATING MAXIMUM
ELECTROSTATIC SHIELD

SUITABLE FOR NONSINUSOIDAL CURRENT LOAD WITH K-FACTOR NOT TO EXCEED K-13
SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS
BEFORE HANDLING, INSTALLING AND OPERATING, SEE INSTRUCTION MANUAL

NEMA Class **ANN** Dry Type Transformer
Siemens Industry, Inc. Norcross, GA dsu0087e

H1 H2 H3
X1 X2 X3

HAM5008
CONNECT

1 2 3 4 5 6 7

VOLTS
504
492
480
468
456
444
432

LISTED

UL
DRY TYPE TRANSFORMER
7705
E112313

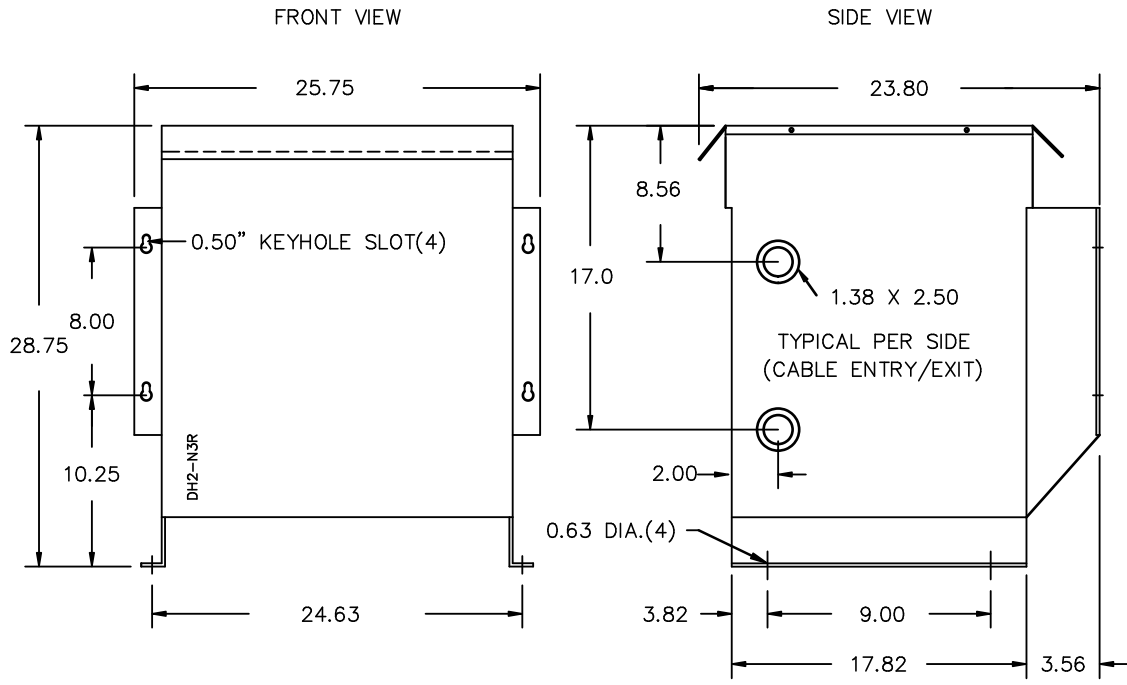
TYPE K

SR
LR 3902

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



3F1Y045K13FCD16



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 #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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

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