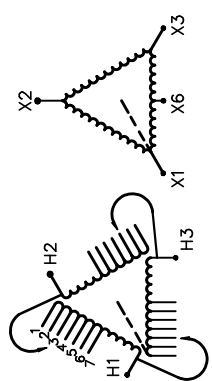




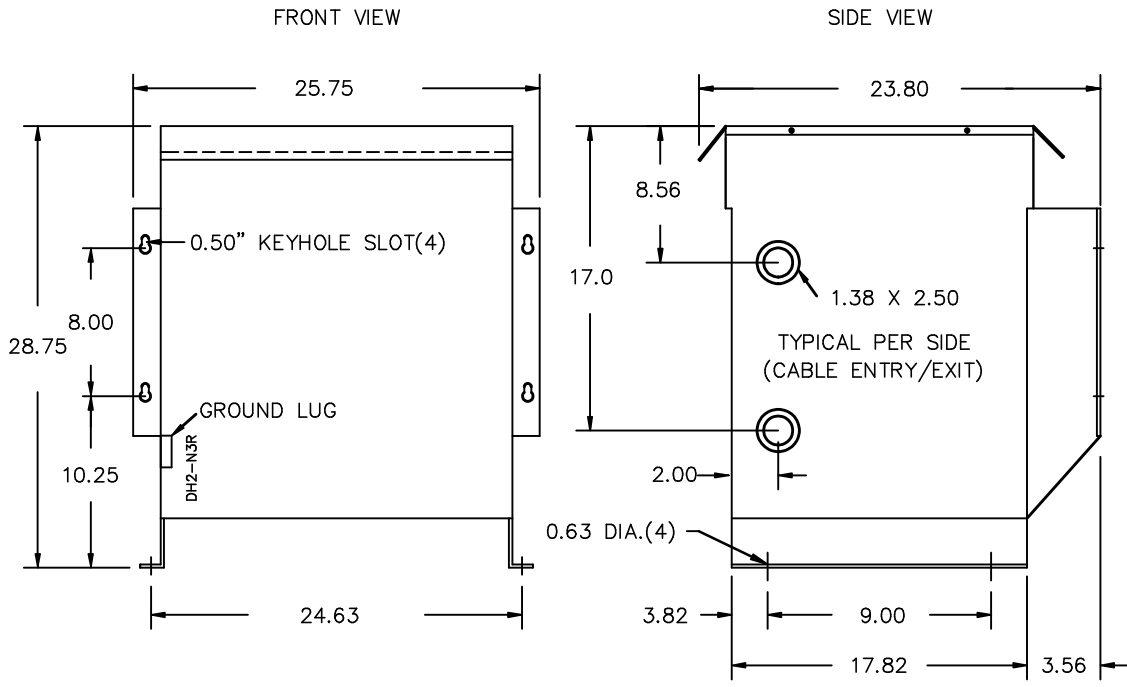
REVISION	DATE	BY	DATE	BY
			15/11/09	JW
1	17/02/23	PP	CHEK'D	
2	17/04/03	JW	VERIF'D	

CUSTOMER		
ORDER NO.	DWG. NO.	2
	3F1Y030FD16	SH 1 OF 3

SIEMENS

CATALOG NO. 3F1Y030FD16 SERIAL NO. SERIES H 30 kVA 60 Hz 3 PHASE 2.8 % IMP AT 135 °C			
115 °C RISE 220 °C TEMP CLASS PRIMARY (H1 H2 H3) SECONDARY(X1 X2 X3)	30 °C AVG. AMBIENT 40 °C MAX. AMBIENT 480V V 10 kV BIL 240V V 10 kV BIL	VOLTS CONNECT 504 492 480 468 456 444 432	
WINDING MATERIAL AL ENCLOSURE TYPE 3R WEIGHT 350 LBS ENERGY EFFICIENCY EXCEEDS CSA C802.2-2012 DOE 10 CFR PART 431:2016		TYPE K  LISTED DRY TYPE TRANSFORMER E112313  LR 3902 SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY OSP-0136-10 IBC 2012/ASCE 7-10 SDS<=2.0g Z/h=1 Ip=1.5	
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 X6=120V CT, 5% OF KVA RATING MAXIMUM		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 dsu0086e	





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

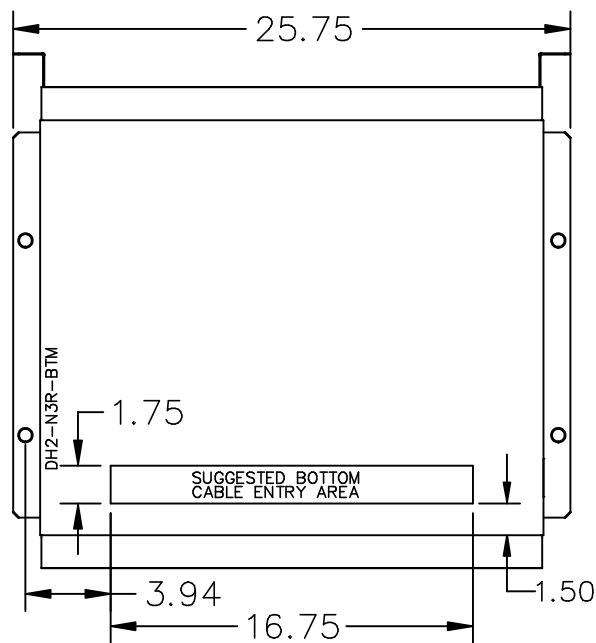
CUSTOMER NOTES:

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

Siemens Industry, Inc.

REVISION	DATE	BY	DATE	BY	CUSTOMER
			15/11/09	JW	
1	17/02/23	PP	CHEK'D		ORDER NO.
2	17/04/03	JW	VERIF'D		DWG. NO.
					3F1Y030FD16
					2
					SH 2 OF 3

ENCLOSURE BOTTOM VIEW



NOTE:
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.
 SEE MANUAL FOR ADDITIONAL INFORMATION

Siemens Industry, Inc.

REVISION	DATE	BY	DATE	BY	CUSTOMER
			DRAWN 15/11/09	JW	
1	NPL UPDATE: DESIGN CHANGE 17/02/23	PP	CHEK'D		ORDER NO. DWG. NO. 3F1Y030FD16
2	ADDED ENCL. BOTTOM DRAWING 17/04/03	JW	VERIF'D		2 SH 3 OF 3