

REVISION	DATE	BY	DATE	BY
		DRAWN	17/06/09	RM
		CHEK'D		
		VERIF'D		

Siemens Industry, Inc.	
CUSTOMER	
ORDER NO.	DWG. NO.
	3B1Y045D16
	SH 1 OF 3

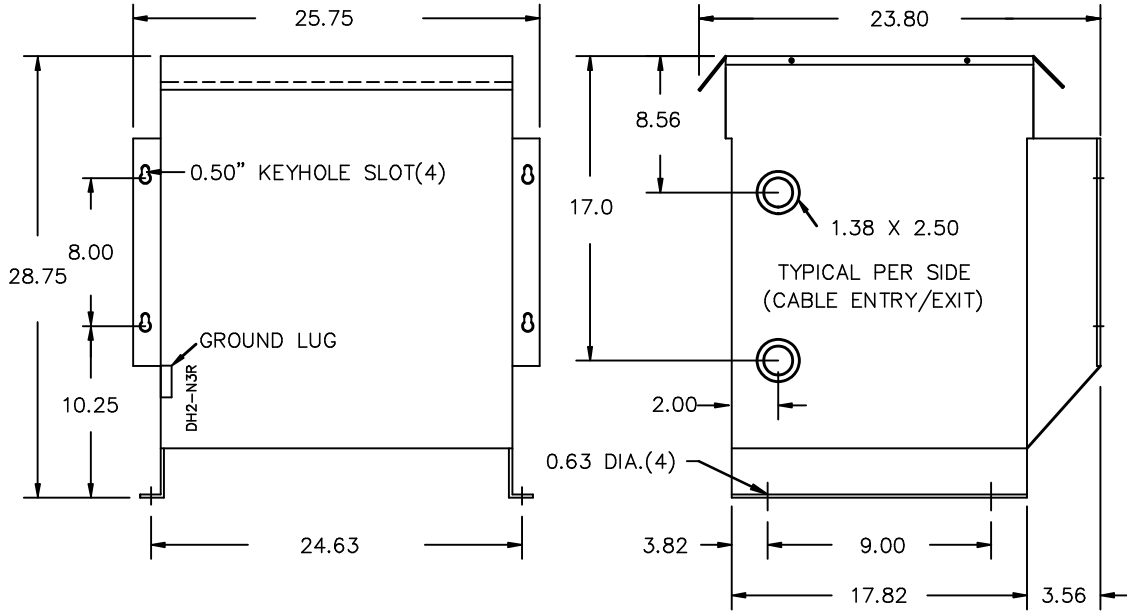
# SIEMENS

CATALOG NO. 3B1Y045D16 SERIAL NO. SERIES H 45 kVA 60 Hz 3 PHASE 4.5 % IMP AT 170 °C			
150 °C RISE 220 °C TEMP CLASS PRIMARY ( X1 X2 X3 ) SECONDARY( H1 H2 H3 )	30 °C AVG. AMBIENT 40 °C MAX. AMBIENT ) 208 V 10 kV BIL ) 240 V 10 kV BIL	WINDING MATERIAL AL ENCLOSURE TYPE 3R WEIGHT 360 LBS ENERGY EFFICIENCY EXCEEDS CSA C802.2-2012 DOE 10 CFR PART 431:2016	TYPE K DRY TYPE TRANSFORMER E112313 LR 3902 LISTED SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY OSP-0136-10 IBC 2012/ASCE 7-10 SDS<=2.0g Z/h=1 Ip=1.5
150 °C RISE 220 °C TEMP CLASS PRIMARY ( X1 X2 X3 ) SECONDARY( H1 H2 H3 )		30 °C AVG. AMBIENT 40 °C MAX. AMBIENT ) 208 V 10 kV BIL ) 240 V 10 kV BIL	WINDING MATERIAL AL ENCLOSURE TYPE 3R WEIGHT 360 LBS ENERGY EFFICIENCY EXCEEDS CSA C802.2-2012 DOE 10 CFR PART 431:2016
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES H6 = 120V CT, 5% OF KVA RATING MAXIMUM TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY		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 dsu0086e1	



FRONT VIEW

SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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

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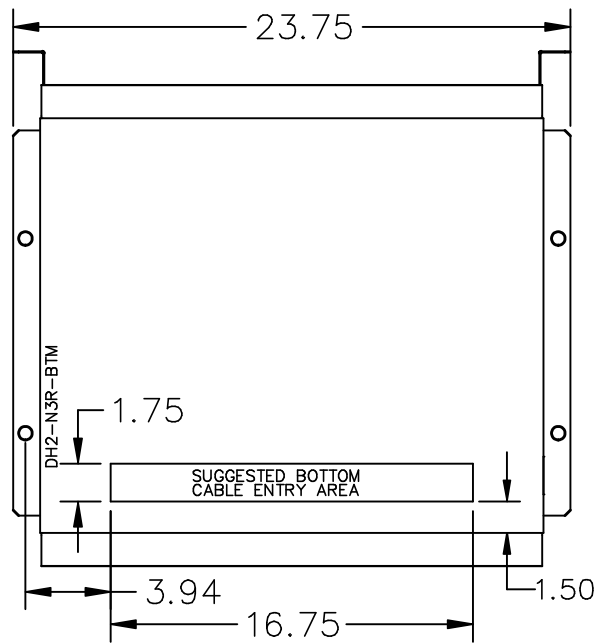
CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT

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					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

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