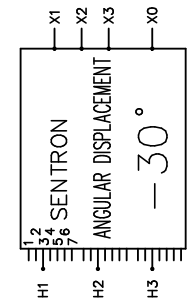


REVISION	DATE	BY	DATE	BY
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CUSTOMER	
ORDER NO.	DWG. NO.
	3F3Y030CHD130
	SH 1 OF 3

# SIEMENS

CATALOG NO. 3F3Y030CHD130  
 SERIAL NO. SERIES H  
 30 kVA 60 Hz 3 PHASE  
 4.8 % IMP AT 170 °C  
 150 °C RISE 30 °C AVG. AMBIENT  
 220 °C TEMP CLASS 40 °C MAX. AMBIENT  
 PRIMARY ( H1 H2 H3 ) 480Y/277 V 10 kV BIL  
 SECONDARY ( X1 X2 X3 ) 208Y/120 V 10 kV BIL  
 NEUTRAL ( X0(200%) ) V  
 WINDING MATERIAL CU  
 ENCLOSURE TYPE 3R WEIGHT 405 LBS  
 ENERGY EFFICIENCY FACT SOR/2011-100E 10 CFR PART 431:2016



VOLTS	CONNECT
504	1
492	2
480	3
468	4
456	5
444	6
432	7

TYPE K  
 LISTED  
 DRY TYPE TRANSFORMER 7705 E112313 LR 3902  
 SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY  
 OSP-0136-10 IBC 2012/ASCE 7-10  
 SDS<=2.0g z/h=1 p=1.5  
 NEMA Class ANN Dry Type Harmonic Mitigating Transformer Siemens Industry, Inc. Norcross, GA 6810703e

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-12



3F3Y030CHD130



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 #2/0-14 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

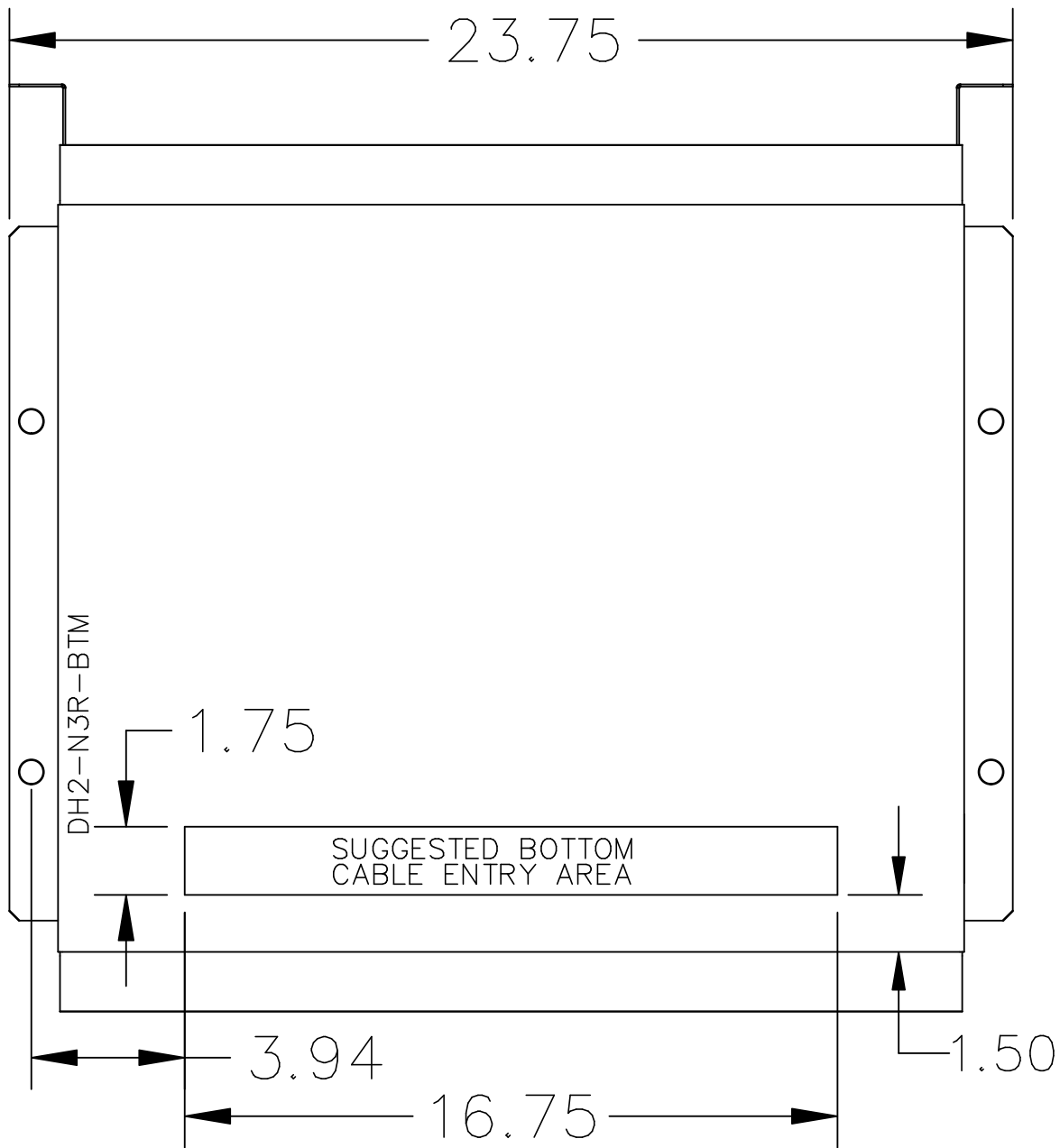
- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL

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		VERIF'D		

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ORDER NO.	DWG. NO. 3F3Y030CHD130
SH 2 OF 3	

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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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REVISION	DATE	BY	DATE	BY
		DRAWN	17/02/16	LC
		CHEK'D		
		VERIF'D		

CUSTOMER	
ORDER NO.	DWG. NO. 3F3Y030CHD130
SH 3 OF 3	