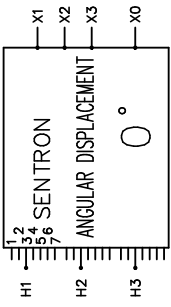


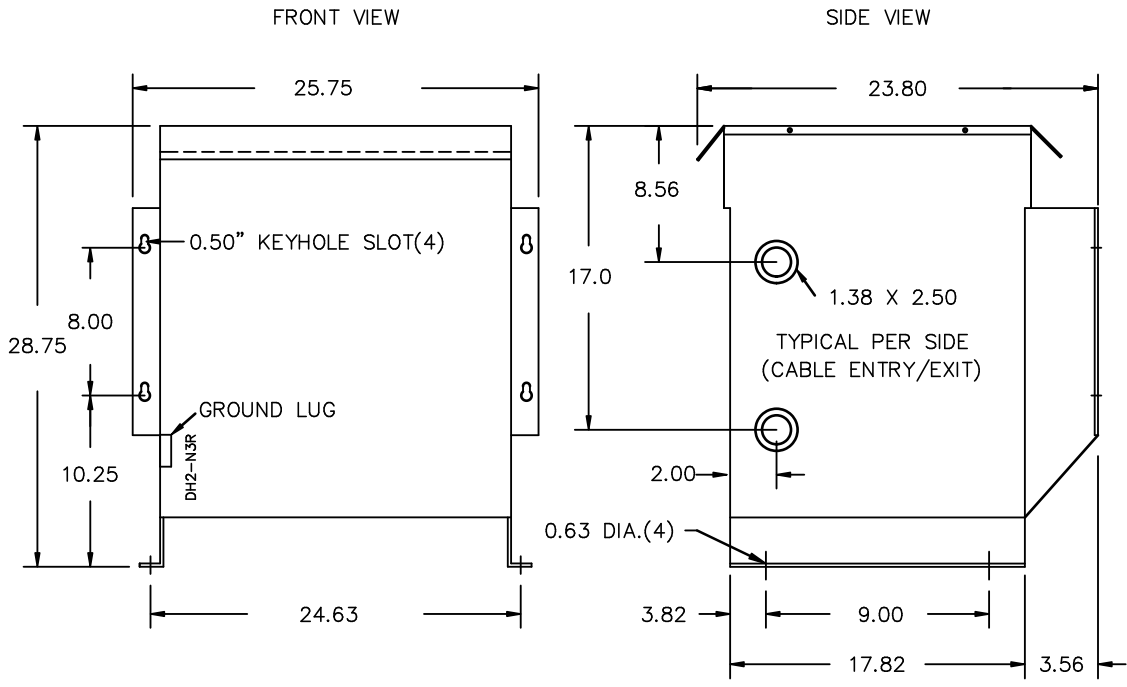
REVISION	DATE	BY	DATE	BY
			16/09/09	LC
1	17/01/30	LC		

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CUSTOMER		
ORDER NO.	DWG. NO.	1
	3F3Y030HD100	SH 1 OF 3

# SIEMENS

<p>CATALOG NO. 3F3Y030HD100</p> <p>SERIAL NO. SERIES H</p> <p>30 kVA 60 Hz 3 PHASE</p> <p>5.5 % IMP AT 170 °C</p> <p>150 °C RISE 30 °C AVG. AMBIENT</p> <p>220 °C TEMP CLASS 40 °C MAX. AMBIENT</p> <p>PRIMARY ( H1 H2 H3 ) 480 V 10 kV BIL</p> <p>SECONDARY ( X1 X2 X3 ) 208Y/120 V 10 kV BIL</p> <p>NEUTRAL ( X0(200%) ) V</p> <p>WINDING MATERIAL AL</p> <p>ENCLOSURE TYPE 3R WEIGHT 345 LBS</p> <p>ENERGY EFFICIENCY TPI-2002 EXCEEDS NEMA DOE 10 CFR PART 431:2016</p> <p>ELECTROSTATIC SHIELD</p>	<p>SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY OSP-0136-10 IBC 2012/ASCE 7-10 SDS&lt;=2.0g z/h=1 p=1.5</p> <p>UL LISTED DRY TYPE TRANSFORMER 77UL5 E112313 LR 3902</p>	 <p>ANGULAR DISPLACEMENT 0°</p> <p>VOLTS CONNECT</p> <table style="width: 100%;"> <tr><td>1</td><td>504</td></tr> <tr><td>2</td><td>492</td></tr> <tr><td>3</td><td>480</td></tr> <tr><td>4</td><td>468</td></tr> <tr><td>5</td><td>456</td></tr> <tr><td>6</td><td>444</td></tr> <tr><td>7</td><td>432</td></tr> </table>	1	504	2	492	3	480	4	468	5	456	6	444	7	432
1	504															
2	492															
3	480															
4	468															
5	456															
6	444															
7	432															
		TYPE K														





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:

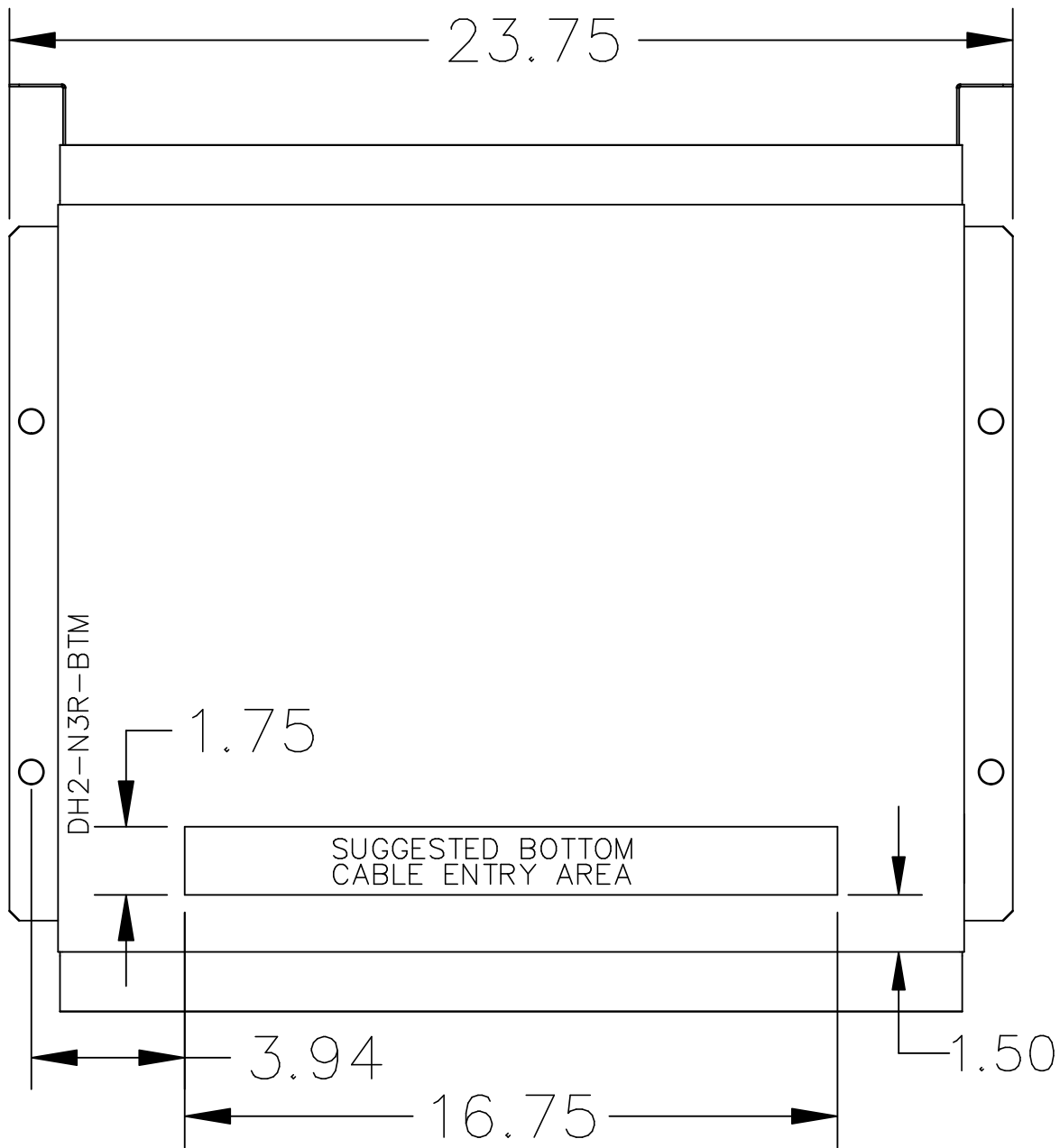
- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT
- 200% RATING NEAUTRAL

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REVISION	DATE	BY	DATE	BY
		DRAWN	16/09/09	LC
		CHEK'D		
1	CHANGED ADD P3	17/01/30	LC	VERIF'D

CUSTOMER		
ORDER NO.	DWG. NO.	1
	3F3Y030HD100	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	16/09/09	LC
		CHEK'D		
1	17/01/30	LC	VERIF'D	

CUSTOMER		
ORDER NO.	DWG. NO.	1
	3F3Y030HD100	SH 3 OF 3