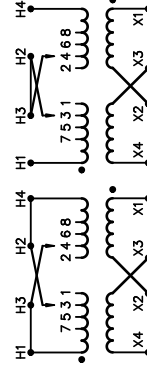



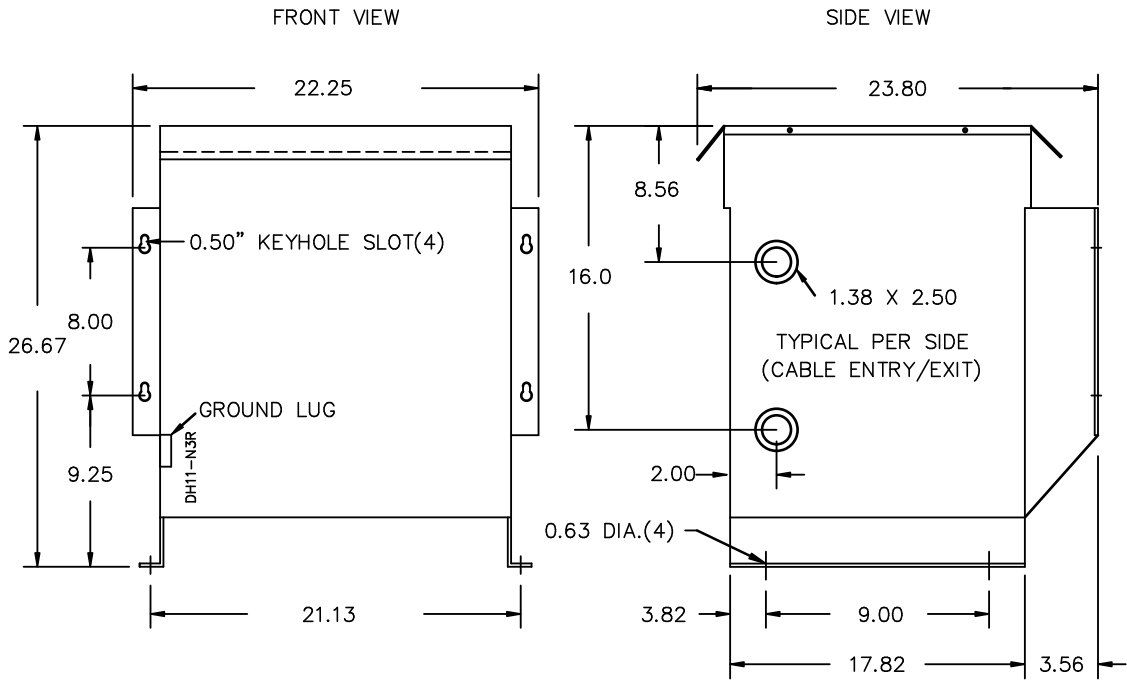


REVISION	DATE	BY	DATE	BY
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		CHEK'D		
		VERIF'D		

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ORDER NO.	DWG. NO.
	1D1Y037CTP1-T
	SH 1 OF 3

# SIEMENS

<p>CATALOG NO. 1D1Y037CTP1-T          SERIAL NO.  <b>37.5</b> kVA    <b>60</b> Hz    1 PHASE  <b>5.8</b> % IMP AT    <b>170</b> °C</p> <p><b>150</b> °C RISE    <b>30</b> °C AVG. AMBIENT  <b>220</b> °C TEMP CLASS    <b>40</b> °C MAX. AMBIENT</p> <p>PRIMARY ( H1 H3 H2 H4 )    <b>240X480V</b>    V 10 kV BIL          SECONDARY( X4 X2 X3 X1 )    <b>120/240V</b>    V 10 kV BIL</p> <p>WINDING MATERIAL    <b>CU</b></p> <p>ENCLOSURE TYPE 3R    WEIGHT    <b>280</b> LBS          DOE 10 CFR          PART 431:2016</p> <p>ENERGY EFFICIENCY    CSA C802.2-12</p>	<p style="text-align: center;">SERIES H</p>  <p style="text-align: center;">HAMI497</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">INPUT LINE ON H1, H4</th> </tr> <tr> <td>VOLTS</td> <td>CONNECT</td> </tr> <tr> <td>504</td> <td>H2-1, H3-2</td> </tr> <tr> <td>492</td> <td>H3-2, H2-3</td> </tr> <tr> <td>480</td> <td>H2-3, H3-4</td> </tr> <tr> <td>468</td> <td>H3-4, H2-5</td> </tr> <tr> <td>456</td> <td>H2-5, H3-6</td> </tr> <tr> <td>444</td> <td>H3-6, H2-7</td> </tr> <tr> <td>432</td> <td>H2-7, H3-8</td> </tr> <tr> <th colspan="2">INPUT LINE ON H1&amp;H3, H2&amp;H4</th> </tr> <tr> <td>252</td> <td>H2-1, H3-2</td> </tr> <tr> <td>240</td> <td>H2-3, H3-4</td> </tr> <tr> <td>228</td> <td>H2-5, H3-6</td> </tr> <tr> <td>216</td> <td>H2-7, H3-8</td> </tr> <tr> <td colspan="2" style="text-align: center;">CONNECT H1 TO H3 AND H2 TO H4 FOR PARALLEL PRIMARY</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">CONNECT</th> <th colspan="2">OUTPUT LINE</th> </tr> <tr> <td>VOLTS</td> <td>CONNECT</td> <td></td> <td></td> </tr> <tr> <td>120</td> <td>X1-X3, X2-X4</td> <td>X1&amp;X3, X2&amp;X4</td> <td></td> </tr> <tr> <td>240</td> <td>X2-X3</td> <td>X1, X2orX3, X4</td> <td></td> </tr> <tr> <td>120/240</td> <td>X2-X3</td> <td>X1-X2-X4</td> <td></td> </tr> </table>	INPUT LINE ON H1, H4		VOLTS	CONNECT	504	H2-1, H3-2	492	H3-2, H2-3	480	H2-3, H3-4	468	H3-4, H2-5	456	H2-5, H3-6	444	H3-6, H2-7	432	H2-7, H3-8	INPUT LINE ON H1&H3, H2&H4		252	H2-1, H3-2	240	H2-3, H3-4	228	H2-5, H3-6	216	H2-7, H3-8	CONNECT H1 TO H3 AND H2 TO H4 FOR PARALLEL PRIMARY		CONNECT		OUTPUT LINE		VOLTS	CONNECT			120	X1-X3, X2-X4	X1&X3, X2&X4		240	X2-X3	X1, X2orX3, X4		120/240	X2-X3	X1-X2-X4	
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<p>SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES</p> <p>SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS BEFORE HANDLING, INSTALLING AND OPERATING, SEE INSTRUCTION MANUAL</p> <p>NEMA Class <b>ANN</b> Dry Type Transformer</p>		<p>TYPE <b>F</b></p> <p> <b>LISTED</b></p> <p> <b>DRY TYPE TRANSFORMER E112513</b></p> <p> <b>LR 3902</b></p> <p>SEISMIC QUALIFICATIONS          FLOOR MOUNT ONLY          OSP-0136-10 IBC 2012/ASCE 7-10          SDS&lt;=2.0g    Z/h=1    Ip=1.5</p>																																																		
Siemens Industry, Inc. Norcross, GA <small>csu0086e3</small>																																																				



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV1 TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR #2/0-14 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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

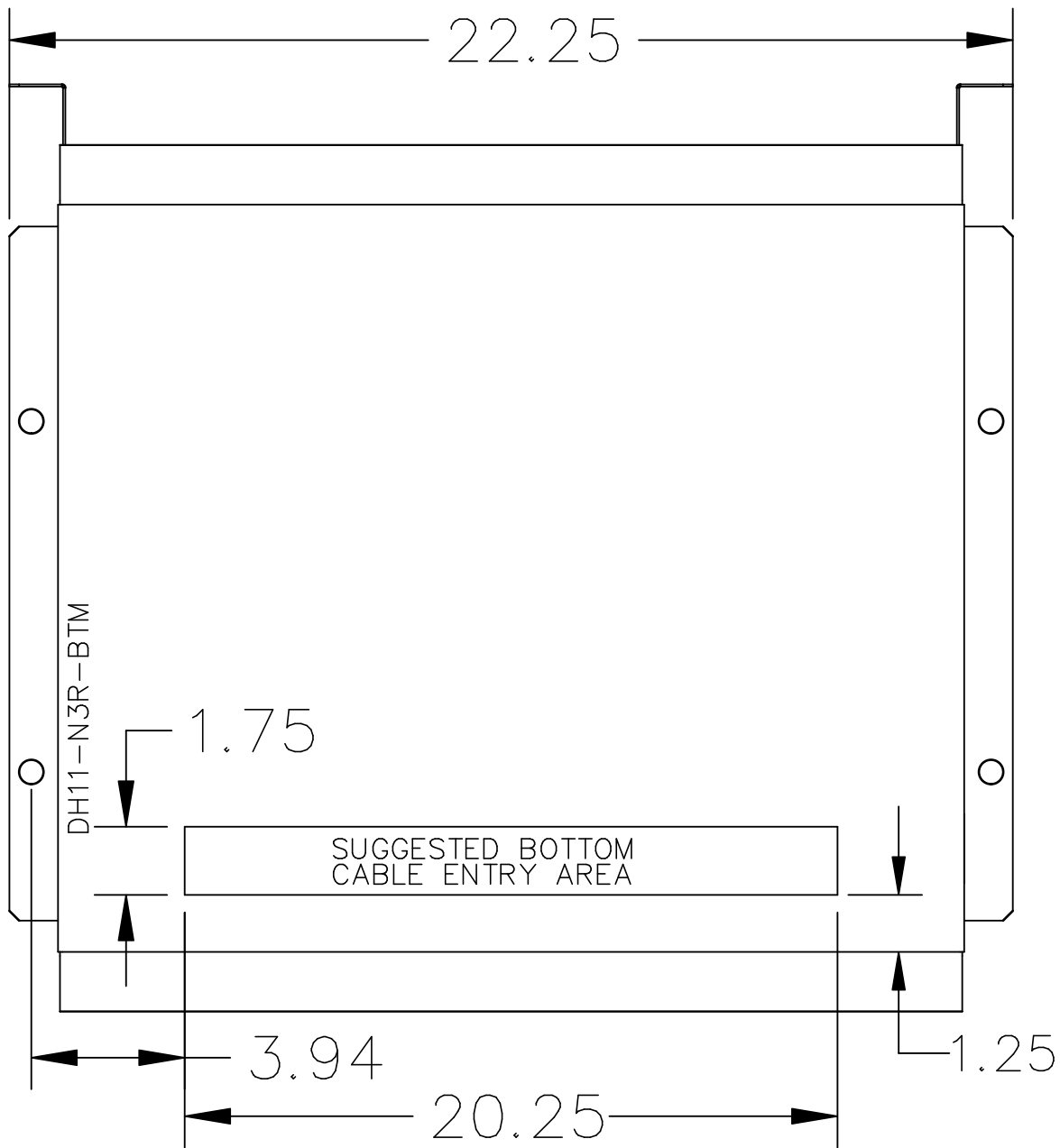
CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT

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ORDER NO.	DWG. NO. 1D1Y037CTP1-T
SH 2 OF 3	



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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SH 3 OF 3	