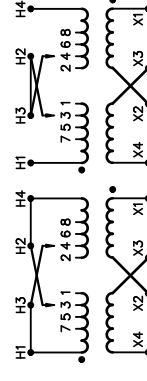





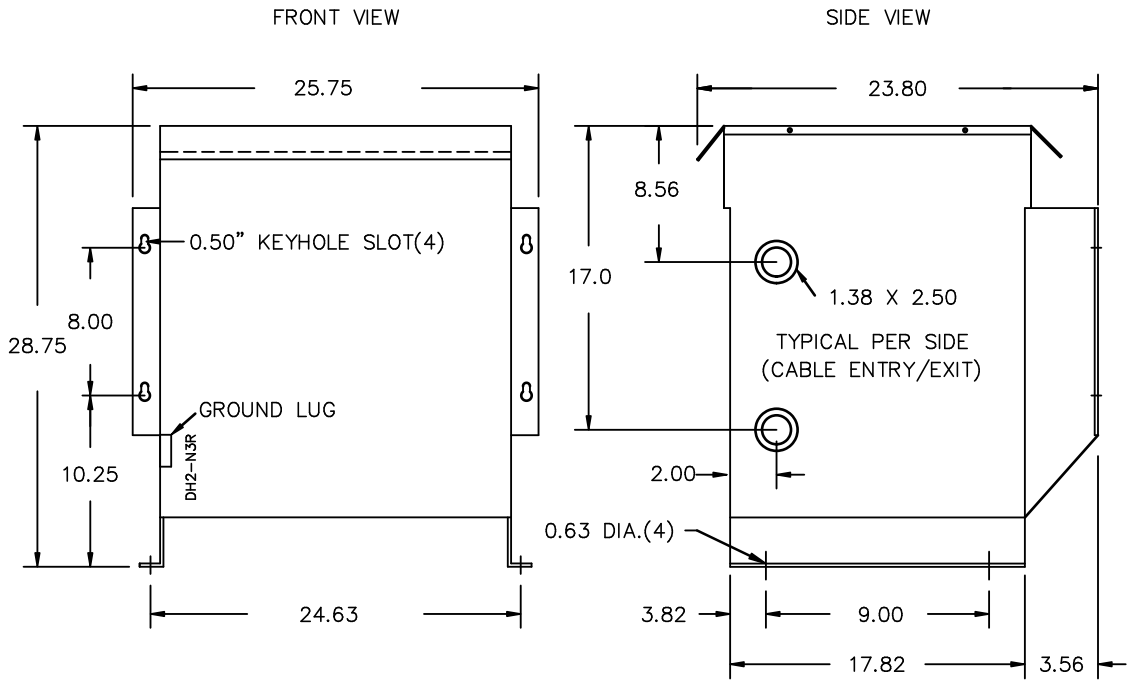
REVISION	DATE	BY	DATE	BY
		DRAWN	17/05/25	PP
		CHEK'D		
		VERIF'D		

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	SH 1 OF 3

# SIEMENS

<p>CATALOG NO. 1D1Y050CTP1-T  SERIAL NO.  <b>50</b> kVA <b>60</b> Hz <b>1</b> PHASE  <b>6.1</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>350</b> LBS  DOE 10 CFR  PART 431:2016</p> <p>ENERGY EFFICIENCY CSA C802.2-12</p> <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 style="text-align: center;"><b>SERIES H</b></p> <p style="text-align: center;">1 PHASE</p>  <p style="text-align: center;">HAM1497</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>VOLTS</th> <th>INPUT LINE ON H1, H4</th> </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>VOLTS</th> <th>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> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>VOLTS</th> <th>CONNECT</th> <th>OUTPUT LINE</th> </tr> <tr> <td>120</td> <td>X1-X3, X2-X4</td> <td>X1&amp;X3, X2&amp;X4</td> </tr> <tr> <td>240</td> <td>X2-X3</td> <td>X1, X2orX3, X4</td> </tr> <tr> <td>120/240</td> <td>X2-X3</td> <td>X1-X2-X4</td> </tr> </table>	VOLTS	INPUT LINE ON H1, H4	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	VOLTS	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	VOLTS	CONNECT	OUTPUT LINE	120	X1-X3, X2-X4	X1&X3, X2&X4	240	X2-X3	X1, X2orX3, X4	120/240	X2-X3	X1-X2-X4	<p style="text-align: center;">TYPE <b>F</b></p> <p style="text-align: center;">    </p> <p style="text-align: center;"> <b>LISTED</b>  DRY TYPE TRANSFORMER  E112513  LR 3902 </p> <p style="text-align: center;">SEISMIC QUALIFICATIONS  FLOOR MOUNT ONLY  OSP-0136-10 IBC 2012/ASCE 7-10  SDS&lt;=2.0g Z/h=1 Ip=1.5</p>
VOLTS	INPUT LINE ON H1, H4																																							
504	H2-1, H3-2																																							
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VOLTS	CONNECT	OUTPUT LINE																																						
120	X1-X3, X2-X4	X1&X3, X2&X4																																						
240	X2-X3	X1, X2orX3, X4																																						
120/240	X2-X3	X1-X2-X4																																						

Siemens Industry, Inc. Norcross, GA dsu0086e3



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

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

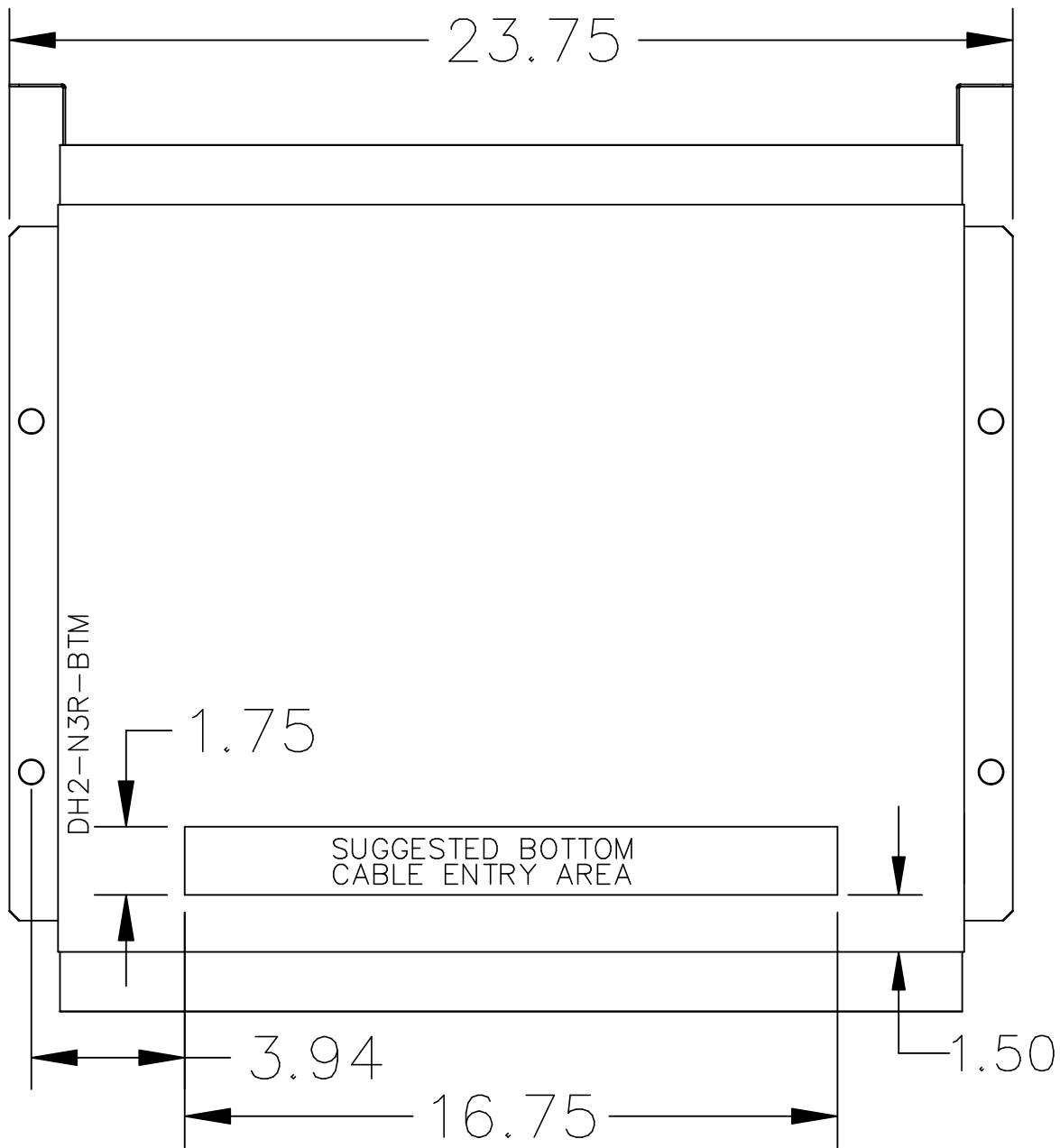
CUSTOMER NOTES:

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

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		VERIF'D		

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ORDER NO.	DWG. NO. 1D1Y050CTP1-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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REVISION	DATE	BY	DATE	BY
		DRAWN	17/05/25	PP
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CUSTOMER	
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SH 3 OF 3	