

1	DESIGN UPDATED	17/09/18	GP	VERIF'D	
			GP	CHEK'D	
			GP	DRAWN	17/09/18

CUSTOMER	
ORDER NO.	DWG. NO.
	1D1Y037FCTP1
	SH 1 OF 4

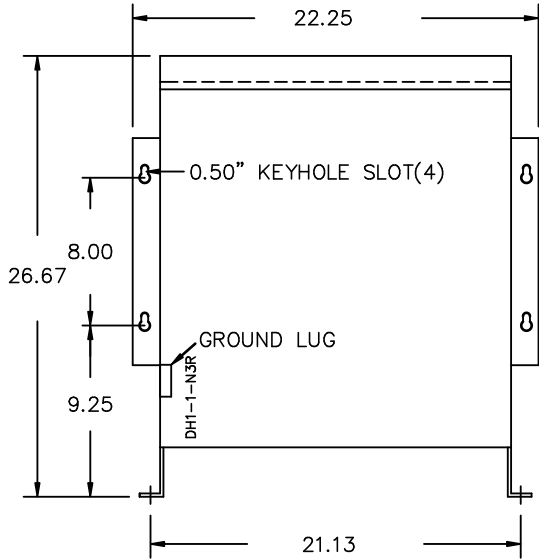
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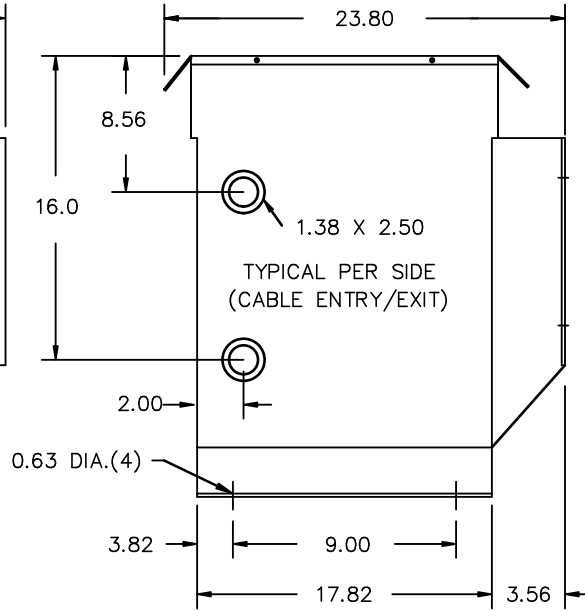
<p>CATALOG NO. 1D1Y037FCTP1</p> <p>SERIAL NO.</p> <p>37.5 kVA    60 Hz    1 PHASE</p> <p>5.7 % IMP AT 135 °C</p> <p>115 °C RISE    30 °C AVG. AMBIENT</p> <p>220 °C TEMP CLASS    40 °C MAX. AMBIENT</p> <p>PRIMARY ( H1 H3 H2 H4 )    240X480 V 10kV BIL</p> <p>SECONDARY( X4 X2 X3 X1 )    120/240 V 10kV BIL</p> <p>WINDING MATERIAL    CU</p> <p>ENCLOSURE TYPE 3R    WEIGHT 305 LBS</p> <p>ENERGY EFFICIENCY CSA C802.2-12    DOE 10 CFR PART 431.2016</p>	<div style="text-align: center; margin-bottom: 10px;"> <p>HAM1497</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">INPUT LINE ON HI. H4 CONNECT</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 colspan="2">INPUT LINE ON H1&amp;H3, H2&amp;H4 CONNECT</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 colspan="2">OUTPUT LINE</th> </tr> <tr> <td>120</td> <td>X1-X3, X2-X4</td> </tr> <tr> <td>240</td> <td>X2-X3</td> </tr> <tr> <td>120/240</td> <td>X2-X3</td> </tr> </table> <p>CONNECT H1 TO H3 AND H2 TO H4 FOR PARALLEL PRIMARY</p> <p>CONNECT H2 TO H3 FOR SERIES PRIMARY</p>	INPUT LINE ON HI. H4 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 CONNECT		252	H2-1, H3-2	240	H2-3, H3-4	228	H2-5, H3-6	216	H2-7, H3-8	OUTPUT LINE		120	X1-X3, X2-X4	240	X2-X3	120/240	X2-X3
INPUT LINE ON HI. H4 CONNECT																																			
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120/240	X2-X3																																		
<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>UL LISTED</b></p> <p> <b>DRY TYPE TRANSFORMER</b></p> <p> <b>LP 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 dsu006e3

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 #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
- LV TERMINATED AT BOTTOM FRONT

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REVISION	DATE	BY	DATE	BY
			17/09/18	GP
1	DESIGN UPDATED	17/09/18	GP	VERIF'D

CUSTOMER		
ORDER NO.	DWG. NO.	1
	1D1Y037FCTP1	SH 2 OF 4

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PRIMARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
504	H1,H4	1-H2,2-H3,H2-H3
492	H1,H4	3-H2,2-H3,H2-H3
480	H1,H4	3-H2,4-H3,H2-H3
468	H1,H4	5-H2,4-H3,H2-H3
456	H1,H4	5-H2,6-H3,H2-H3
444	H1,H4	7-H2,6-H3,H2-H3
432	H1,H4	7-H2,8-H3,H2-H3
252	H1&H3, H2&H4	1-H2,2-H3,H1-H3,H2-H4
240	H1&H3, H2&H4	3-H2,4-H3,H1-H3,H2-H4
228	H1&H3, H2&H4	5-H2,6-H3,H1-H3,H2-H4
216	H1&H3, H2&H4	7-H2,8-H3,H1-H3,H2-H4
SECONDARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
240	X1,X4	X2-X3
120	X1&X3, X2&X4	X1-X3,X2-X4
120/240	X1, X2orX3, X4	X2-X3

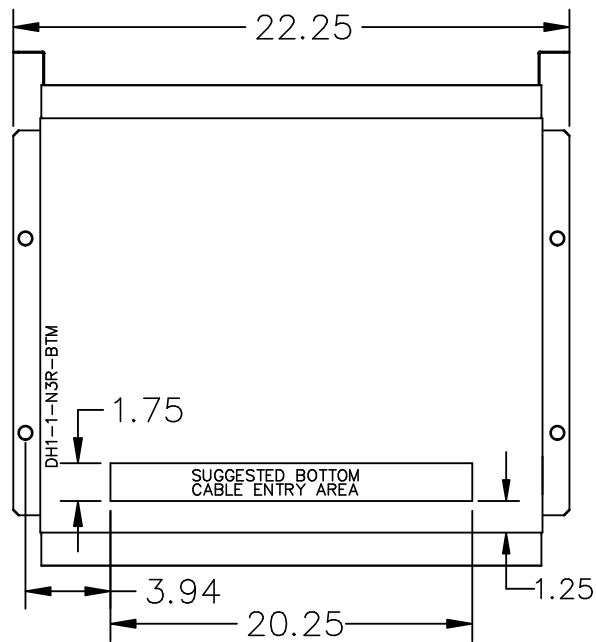
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CUSTOMER		
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	1D1Y037FCTP1	SH 3 OF 4

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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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