

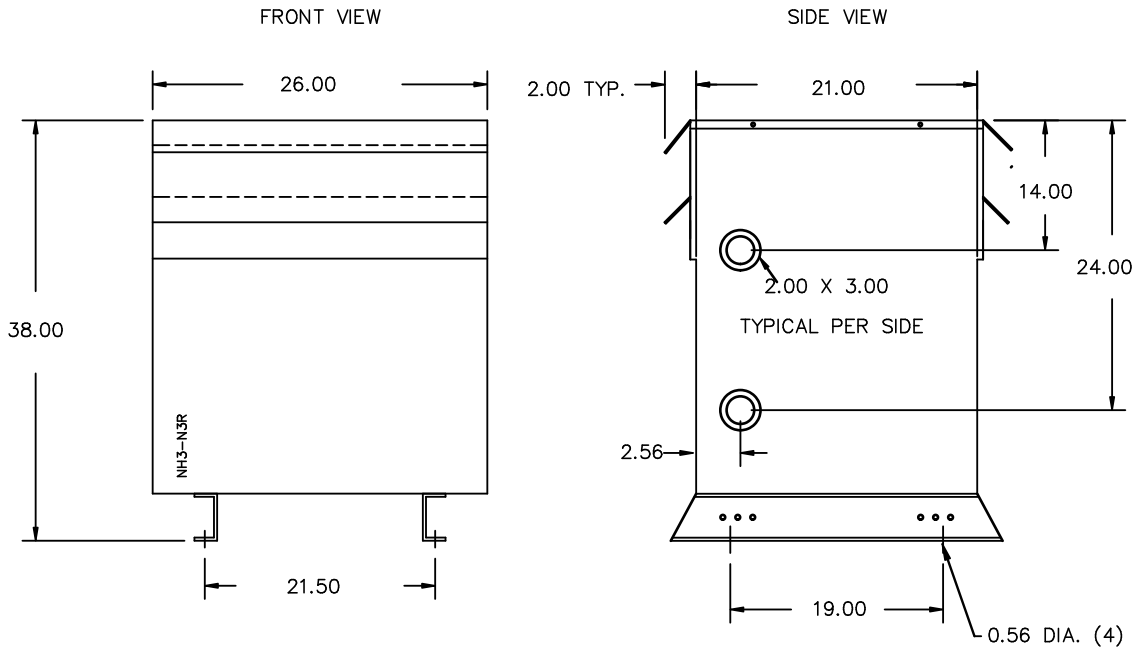
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| REVISION | DATE | BY | DATE | BY |
| | | DRAWN | 07/04/11 | CY |
| | | CHEK'D | | |
| 1 | REDESIGN | 07/09/27 | CY | VERIF'D |

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|---|-------------|-----------|
| Confidential - Property of Siemens Industry, Inc. Building Technologies Division | | |
| CUSTOMER | | |
| ORDER NO. | DWG. NO. | 1 |
| | 1D1Y037BTP1 | SH 1 OF 2 |

SIEMENS

| <p>CATALOG NO. 1D1Y037BTP1</p> <p>SERIAL NO.</p> <p>37.5 kVA 60 Hz 1 PHASE</p> <p>4.9 % IMP AT 100 °C</p> <p>80 °C RISE °C AVG. AMBIENT</p> <p>220 °C TEMP CLASS °C MAX. AMBIENT</p> <p>PRIMARY (H1 H3 H2 H4) 240X480 V</p> <p>SECONDARY(X4 X2 X3 X1) 120/240 V</p> <p>WINDING MATERIAL AL</p> <p>ENCLOSURE TYPE NEMA-3R WEIGHT 405 LBS</p> <p>ENERGY EFFICIENCY NEMA TP 1-2002</p> <p>SPACINGS BETWEEN ENCLOSURE AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 6 INCHES</p> <p>SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS DO NOT INSTALL IN AREAS ACCESSIBLE TO PUBLIC FOR INSTALLATION SEE INSTRUCTION MANUAL</p> <p>NEMA Class ANN Dry Type Transformer Siemens Industry, Inc. Norcross, GA</p> | <p style="text-align: center;">SERIES H</p> <p style="text-align: center;">H1 H2 H3 H4 7531 2468 7531 2468 X4 X2 X3 X1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VOLTS</th> <th>INPUT LINE ON H1 & H4 CONNECT</th> <th>OUTPUT LINE</th> </tr> </thead> <tbody> <tr> <td>504</td> <td>H2-1, H3-2</td> <td>CONNECT</td> </tr> <tr> <td>492</td> <td>H3-2, H2-3</td> <td></td> </tr> <tr> <td>480</td> <td>H2-3, H3-4</td> <td></td> </tr> <tr> <td>468</td> <td>H3-4, H2-5</td> <td>CONNECT H2 TO H3 FOR SERIES PRIMARY</td> </tr> <tr> <td>456</td> <td>H2-5, H3-6</td> <td></td> </tr> <tr> <td>444</td> <td>H3-6, H2-7</td> <td></td> </tr> <tr> <td>432</td> <td>H2-7, H3-8</td> <td></td> </tr> <tr> <td>252</td> <td>H2-1, H3-2</td> <td>CONNECT H1 TO H3 AND H2 TO H4 FOR PARALLEL PRIMARY</td> </tr> <tr> <td>240</td> <td>H2-3, H3-4</td> <td></td> </tr> <tr> <td>228</td> <td>H2-5, H3-6</td> <td></td> </tr> <tr> <td>216</td> <td>H2-7, H3-8</td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>VOLTS</th> <th>CONNECT</th> <th>OUTPUT LINE</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>X1-X3, X2-X4</td> <td>X1-X4</td> </tr> <tr> <td>240</td> <td>X2-X3</td> <td>X1-X4</td> </tr> <tr> <td>240/120</td> <td>X2-X3</td> <td>X1-X2-X4</td> </tr> </tbody> </table> | VOLTS | INPUT LINE ON H1 & H4 CONNECT | OUTPUT LINE | 504 | H2-1, H3-2 | CONNECT | 492 | H3-2, H2-3 | | 480 | H2-3, H3-4 | | 468 | H3-4, H2-5 | CONNECT H2 TO H3 FOR SERIES PRIMARY | 456 | H2-5, H3-6 | | 444 | H3-6, H2-7 | | 432 | H2-7, H3-8 | | 252 | H2-1, H3-2 | CONNECT H1 TO H3 AND H2 TO H4 FOR PARALLEL PRIMARY | 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-X4 | 240 | X2-X3 | X1-X4 | 240/120 | X2-X3 | X1-X2-X4 |
|--|--|--|-------------------------------|-------------|-----|------------|---------|-----|------------|--|-----|------------|--|-----|------------|-------------------------------------|-----|------------|--|-----|------------|--|-----|------------|--|-----|------------|--|-----|------------|--|-----|------------|--|-----|------------|--|-------|---------|-------------|-----|--------------|-------|-----|-------|-------|---------|-------|----------|
| VOLTS | INPUT LINE ON H1 & H4 CONNECT | OUTPUT LINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 504 | H2-1, H3-2 | CONNECT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 492 | H3-2, H2-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 480 | H2-3, H3-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 468 | H3-4, H2-5 | CONNECT H2 TO H3 FOR SERIES PRIMARY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 456 | H2-5, H3-6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 444 | H3-6, H2-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 432 | H2-7, H3-8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 252 | H2-1, H3-2 | CONNECT H1 TO H3 AND H2 TO H4 FOR PARALLEL PRIMARY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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-X4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 240 | X2-X3 | X1-X4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 240/120 | X2-X3 | X1-X2-X4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |





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 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:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT

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Building Technologies Division

| REVISION | DATE | BY | DATE | BY |
|----------|----------|----|----------|----|
| | | | 07/04/11 | CY |
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| 1 | 07/09/27 | CY | | |

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| CUSTOMER | | |
| ORDER NO. | DWG. NO. | 1 |
| | 1D1Y037BTP1 | SH 2 OF 2 |

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