

|          |      |         |          |    |
|----------|------|---------|----------|----|
| REVISION | DATE | BY      | DATE     | BY |
|          |      | DRAWN   | 11/05/26 | MC |
|          |      | CHEK'D  |          |    |
|          |      | VERIF'D |          |    |

|   |             |           |
|---|-------------|-----------|
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| CUSTOMER  |             |           |
| ORDER NO.   | DWG. NO.    |           |
|   | 1D1Y025BTP1 | SH 1 OF 2 |

SIEMENS

CATALOG NO. 1D1Y025BTP1  
 SERIAL NO. SERIES H  
 25 kVA 60 Hz 1 PHASE  
 3.1 % IMP AT 100 °C


80 °C RISE 30 °C AVG. AMBIENT  
 220 °C TEMP CLASS 40 °C MAX. AMBIENT  
 PRIMARY ( H1 H3 H2 H4 ) 240X480V V  
 SECONDARY( X4 X2 X3 X1 ) 120/240V V


WINDING MATERIAL AL  
 ENCLOSURE TYPE NEMA-3R  
 WEIGHT 310 LBS

SPACINGS BETWEEN ENCLOSURE AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES  
 MEETS NEMA TP-1 EFFICIENCY REQUIREMENTS

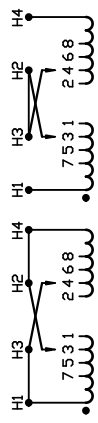
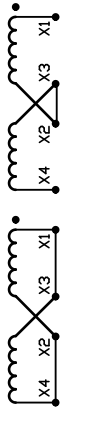
SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS  
 DO NOT INSTALL IN AREAS ACCESSIBLE TO PUBLIC  
 NE PAS INSTALLER DANS DES ENDROITS ACCESSIBLES AU PUBLIC  
 FOR INSTALLATION SEE INSTRUCTION MANUAL

NEMA Class ANN Dry Type Transformer Siemens Industry, Inc. Norcross, GA


  
E112313


  
LR 3902

TYPE F LISTED DISTRIBUTION TRANSFORMER 77US





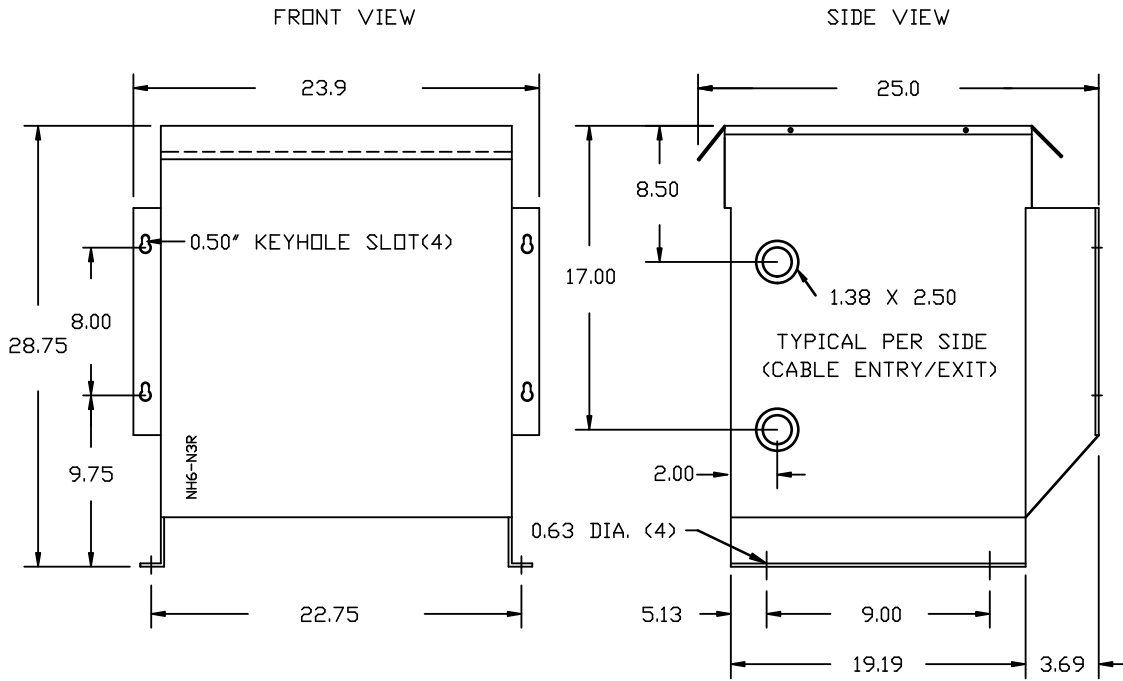
HAM1006

| 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            |
| 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-X4       |
| 240     | X2-X3        | X1-X4       |
| 120/240 | X2-X3        | X1-X2-X4    |

CONNECT H2 TO H3 FOR SERIES PRIMARY  
 CONNECT H1 TO H3 AND H2 TO H4 FOR PARALLEL PRIMARY


  
1D1Y025BTP1



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 #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:

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

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|          |      |    |          |    | SH 2 OF 2   |

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