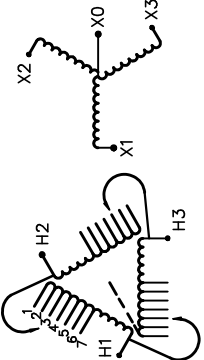


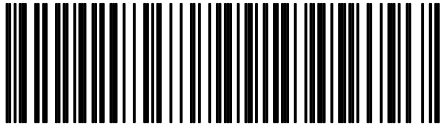


| REVISION                    | DATE     | BY | DATE     | BY |
|-----------------------------|----------|----|----------|----|
|                             |          |    | 15/11/09 | JW |
|                             |          |    | CHEK'D   |    |
| 1 ADDED ENCL BOTTOM DRAWING | 17/04/03 | JW | VERIF'D  |    |

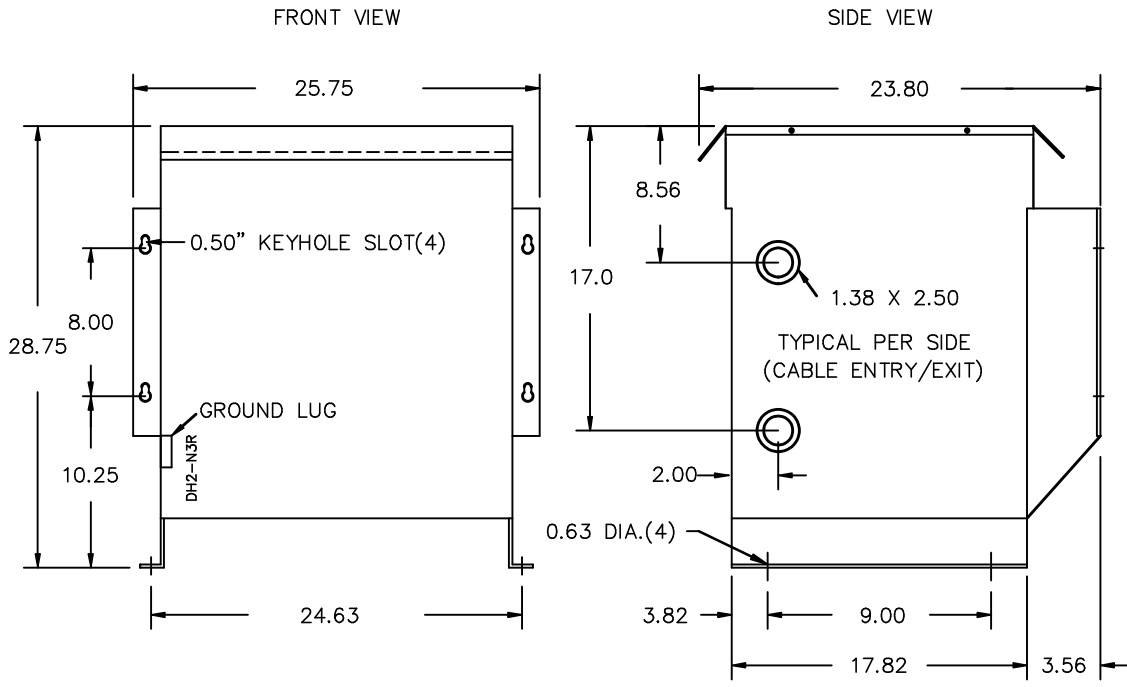
|                        |              |           |
|------------------------|--------------|-----------|
| Siemens Industry, Inc. |              |           |
| CUSTOMER               |              |           |
| ORDER NO.              | DWG. NO.     | 1         |
|                        | 3F5Y030BCD16 | SH 1 OF 3 |

# SIEMENS

|  |                          |  |   |
|--|--------------------------|--|---|
| CATALOG NO. 3F5Y030BCD16<br>SERIAL NO. SERIES H<br>30 kVA 60 Hz 3 PHASE<br>2.2 % IMP AT 100 °C             |                          |   |   |
| 80 °C RISE   | 30 °C AVG. AMBIENT       | VOLTS CONNECT  |   |
| 220 °C TEMP CLASS  | 40 °C MAX. AMBIENT       | 504  | 1 |
| PRIMARY ( H1 H2 H3 )   | 480V V 10 kV BIL         | 492  | 2 |
| SECONDARY( X0 X1 X2 X3 )   | 480Y/277V V 10 kV BIL    | 480  | 3 |
| WINDING MATERIAL   | CU                       | 468  | 4 |
| ENCLOSURE TYPE 3R  | WEIGHT 425 LBS           | 456  | 5 |
| ENERGY EFFICIENCY EXCEEDS CSA C802.2-2012  | DOE 10 CFR PART 431:2016 | 444  | 6 |
| SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES       |                          |  |   |
| SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS BEFORE HANDLING, INSTALLING AND OPERATING, SEE INSTRUCTION MANUAL |                          | TYPE K   |   |
| NEMA Class ANN Dry Type Transformer  |                          |  LISTED<br> LR 3902<br>DRY TYPE TRANSFORMER<br>E112313 |   |
| SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY<br>OSP-0136-10 IBC 2012/ASCE 7-10<br>SDS<=2.0g Z/h=1 Ip=1.5       |                          | Siemens Industry, Inc. Norcross, GA <small>dsu0086e</small>  |   |



3F5Y030BCD16



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 #14-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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

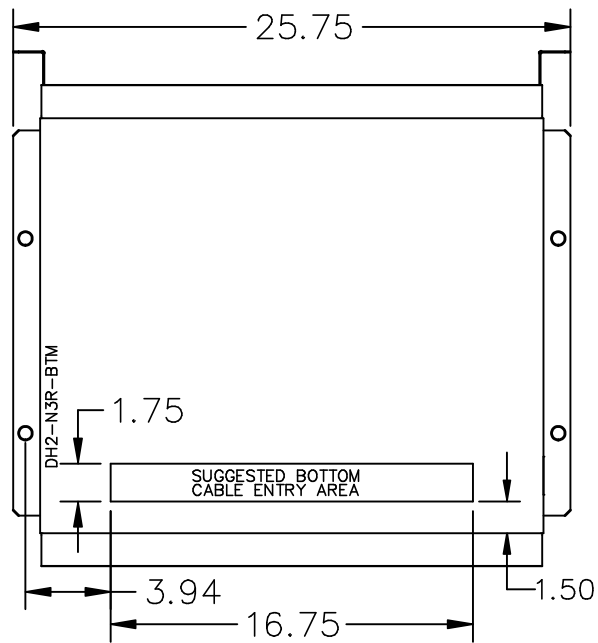
CUSTOMER NOTES:

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

Siemens Industry, Inc.

| REVISION | DATE                      | BY       | DATE     | BY      | CUSTOMER     |          |           |
|----------|---------------------------|----------|----------|---------|--------------|----------|-----------|
|          |                           |          | 15/11/09 | JW      |              |          |           |
|          |                           |          | CHEK'D   |         |              |          |           |
| 1        | ADDED ENCL BOTTOM DRAWING | 17/04/03 | JW       | VERIF'D |              |          |           |
|          |                           |          |          |         | ORDER NO.    | DWG. NO. | 1         |
|          |                           |          |          |         | 3F5Y030BCD16 |          | SH 2 OF 3 |

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

Siemens Industry, Inc.

| REVISION | DATE                               | BY | DATE           | BY | CUSTOMER                                    |
|----------|------------------------------------|----|----------------|----|---|
|          |                                    |    | DRAWN 15/11/09 | JW |   |
|          |                                    |    | CHEK'D         |    |   |
| 1        | ADDED ENCL BOTTOM DRAWING 17/04/03 | JW | VERIF'D        |    | ORDER NO. DWG. NO. 3F5Y030BCD16 1 SH 3 OF 3 |