

# SIEMENS

CATALOG NO. 3F3Y225K13D16

SERIAL NO.

SERIES H

225 kVA 60 Hz 3 PHASE

5.2 % IMP AT 170 °C

150 °C RISE 30 °C AVG. AMBIENT

220 °C TEMP CLASS 40 °C MAX. AMBIENT

PRIMARY ( H1 H2 H3 ) 480V V 10 kV BIL

SECONDARY( X0 X1 X2 X3 ) 208Y/120V V 10 kV BIL

WINDING MATERIAL AL

ENCLOSURE TYPE 3R WEIGHT 1650 LBS

ENERGY EFFICIENCY EXCEEDS CSA DOE 10 CFR PART 431:2016 C802.2-2012

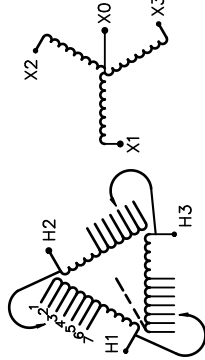
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

SUITABLE FOR NONSINUSOIDAL CURRENT LOAD WITH K-FACTOR NOT TO EXCEED K-13 SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS BEFORE HANDLING, INSTALLING AND OPERATING, SEE INSTRUCTION MANUAL

NEMA Class ANN Dry Type Transformer

Siemens Industry, Inc. Norcross, GA

68000876



| VOLTS | CONNECT |
|-------|---------|
| 504   | 1       |
| 492   | 2       |
| 480   | 3       |
| 468   | 4       |
| 456   | 5       |
| 444   | 6       |
| 432   | 7       |



3F3Y225K13D16



TYPE K

DRY TYPE TRANSFORMER 7705 E112313 LR 3902

SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY OSP-0136-10 IBC 2012/ASCE 7-10 SDS<=2.0g Z/h=1 Ip=1.5

| REVISION | DATE | BY      | DATE     | BY |
|----------|------|---------|----------|----|
|          |      | DRAWN   | 15/11/17 | JW |
|          |      | CHEK'D  |          |    |
|          |      | VERIF'D |          |    |

Confidential - Property of Siemens Industry, Inc.

|           |               |
|-----------|---------------|
| CUSTOMER  |               |
| ORDER NO. | DWG. NO.      |
|           | 3F3Y225K13D16 |
|           | SH 1 OF 2     |

FRONT VIEW



SIDE VIEW



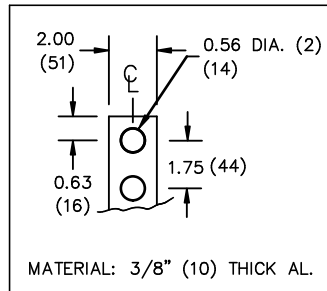
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 350MCM-6 CU/AL  
CONDUCTORS  
2 CONDUCTORS PER PHASE



CUSTOMER NOTES:

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

Confidential - Property of  
Siemens Industry, Inc.

| REVISION | DATE | BY | DATE           | BY | CUSTOMER                  |
|----------|------|----|----------------|----|---------------------------|
|          |      |    | DRAWN 15/11/17 | JW |                           |
|          |      |    | CHEK'D         |    |                           |
|          |      |    | VERIF'D        |    |                           |
|          |      |    |                |    | ORDER NO.                 |
|          |      |    |                |    | DWG. NO.<br>3F3Y225K13D16 |
|          |      |    |                |    | SH 2 OF 2                 |