

# SIEMENS

CATALOG NO. 3F3Y045FESLN3D16

SERIAL NO.

SERIES H

45 kVA 60 Hz 3 PHASE

3.4 % IMP AT 135 °C

115 °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 550 LBS

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

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

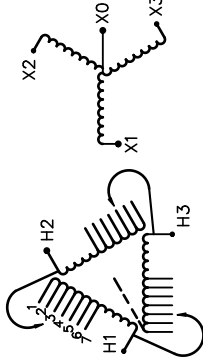
SOUND LEVEL 3dB BELOW NEMA ST20 REQUIREMENTS

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

des00066



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



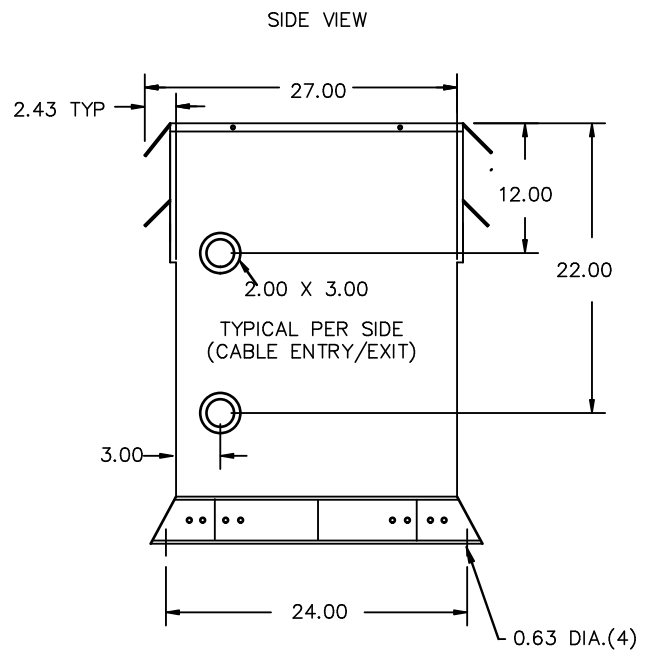
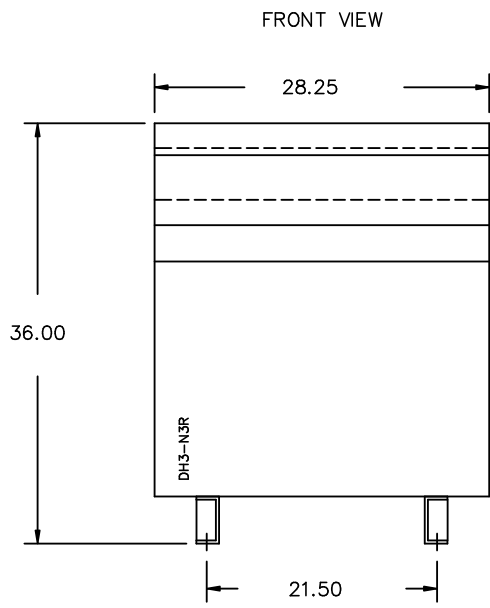
3F3Y045FESLN3D16



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<br>Siemens Industry, Inc. |           |                  |
| CUSTOMER   | ORDER NO. | DWG. NO.         |
|  |           | 3F3Y045FESLN3D16 |
|  |           | SH 1 OF 2        |



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

|           |  |
|-----------|--|
| CUSTOMER  |  |
| ORDER NO. | DWG. NO.<br>3F3Y045FESLN3D16 SH 2 OF 2 |

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