



**Hammond Power Solutions Inc.**

TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

2	18/03/02	PP	DESIGN UPDATE	DES: JWEN
1	17/04/03	JW	ADDED ENCL BOTTOM DRAWING	DATE: 15/11/17
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB 3F3Y045K13FCD16

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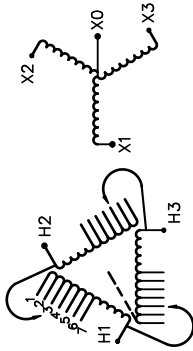
# SIEMENS

CATALOG NO. 3F3Y045K13FCD16  
SERIAL NO. SERIES H  
45 kVA 60 Hz 3 PHASE  
3.2 % 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 CU  
ENCLOSURE TYPE 3R WEIGHT 445 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 3 INCHES  
ELECTROSTATIC SHIELD



VOLTS CONNECT

1
2
3
4
5
6
7

TYPE K

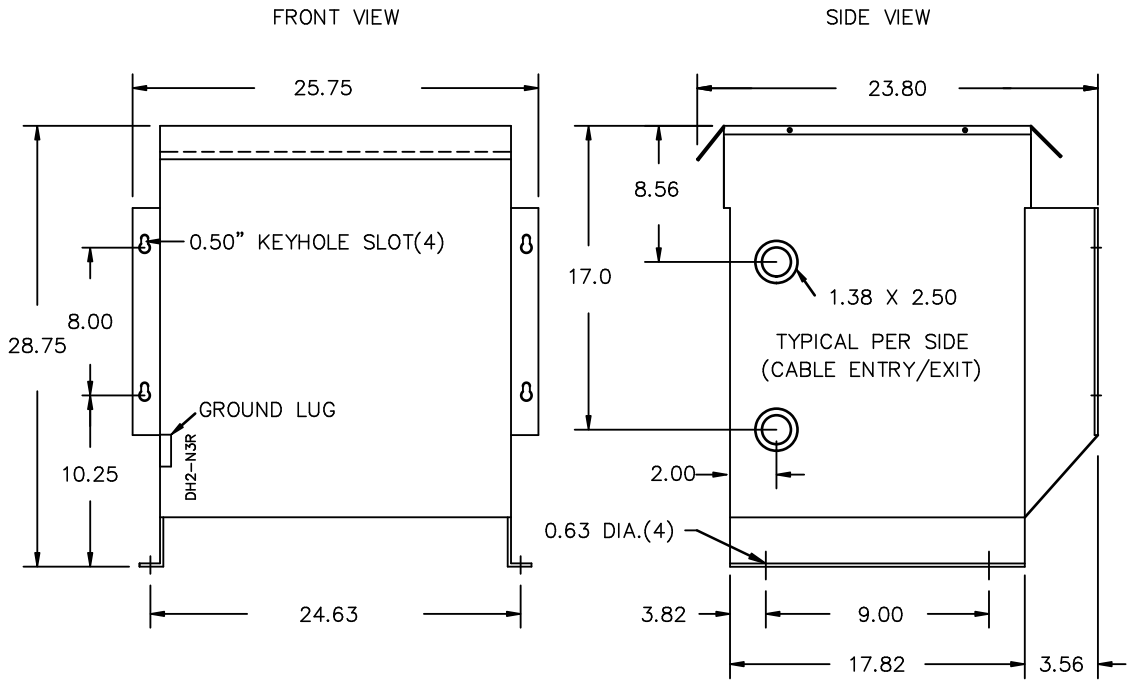


UL LISTED  
DRY TYPE TRANSFORMER  
E112313  
LR 3902  
SEISMIC QUALIFICATIONS: FLOOR MOUNT ONLY  
OSP-0136-10 IBC 2012/ASCE 7-10  
SDS<=2.0g Z/h=1 Ip=1.5

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 dsu0087e



3F3Y045K13FCD16



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL

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

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:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



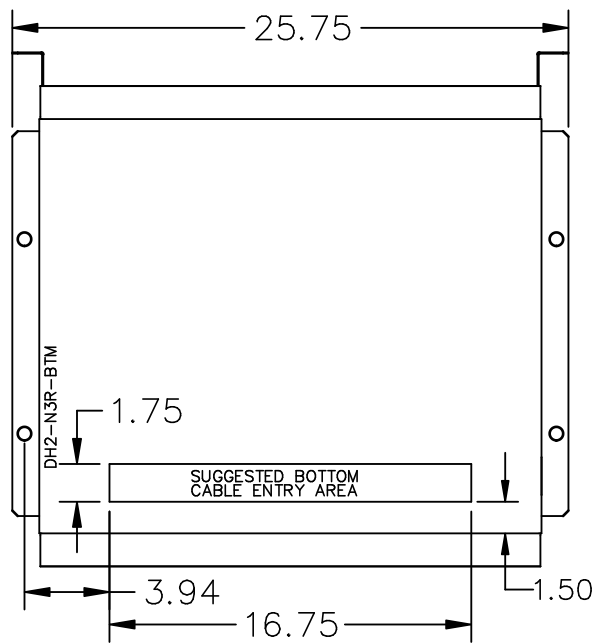
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ENCLOSURE BOTTOM VIEW



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



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 ENCLOSURE BOTTOM VIEW

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