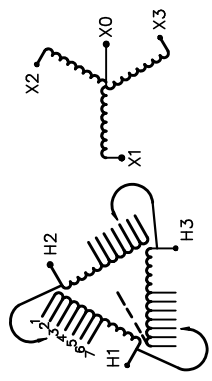




REVISION	DATE	BY	DATE	BY
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Siemens Industry, Inc.	
CUSTOMER	
ORDER NO.	DWG. NO.
	3F3Y045K13BD16 SH 1 OF 3

SIEMENS

CATALOG NO. 3F3Y045K13BD16 SERIAL NO. SERIES H 45 kVA 60 Hz 3 PHASE 4.7 % 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)	480 V 10 kV BIL	492	2
SECONDARY(X0 X1 X2 X3)	208Y/120 V 10 kV BIL	480	3
WINDING MATERIAL	AL	468	4
ENCLOSURE TYPE 3R	WEIGHT 480 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 ELECTROSTATIC SHIELD		432	7
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		TYPE K DRY TYPE TRANSFORMER  	
NEMA Class ANN Dry Type Transformer		SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY OSP-0136-10 IBC 2012/ASCE 7-10 SDS<=2.0g Z/h=1 Ip=1.5	
Siemens Industry, Inc.		Siemens Industry, Inc. Norcross, GA 30064	





All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

XO 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
- XO TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED

Siemens Industry, Inc.

REVISION	DATE	BY	DATE	BY
			17/01/30	RM

CUSTOMER	
ORDER NO.	DWG. NO.
	3F3Y045K13BD16
SH 2 OF 3	

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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

Siemens Industry, Inc.

REVISION	DATE	BY	DATE	BY	CUSTOMER
			17/01/30	RM	ORDER NO. DWG. NO. 3F3Y045K13BD16 SH 3 OF 3