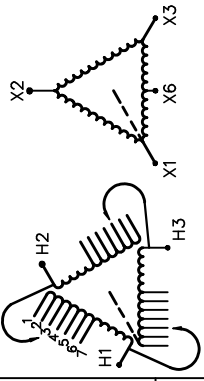




REVISION	DATE	BY	DATE	BY
		DRAWN	15/11/09	JW
		CHEK'D		
1 ADDED ENCL BOTTOM DRAWING	17/04/03	JW	VERIF'D	

Siemens Industry, Inc.		
CUSTOMER		
ORDER NO.	DWG. NO.	1
	3F1Y045FD16	SH 1 OF 3

# SIEMENS

CATALOG NO. 3F1Y045FD16 SERIAL NO. SERIES H <b>45</b> kVA <b>60</b> Hz <b>3</b> PHASE <b>3.3</b> % IMP AT <b>135</b> °C			
<b>115</b> °C RISE <b>220</b> °C TEMP CLASS	<b>30</b> °C AVG. AMBIENT <b>40</b> °C MAX. AMBIENT	<b>504</b> <b>492</b> <b>480</b> <b>468</b> <b>456</b> <b>444</b> <b>432</b>	<b>VOLTS</b> <b>CONNECT</b> 1 2 3 4 5 6 7
PRIMARY ( H1 H2 H3 ) <b>480V</b> V 10 kV BIL SECONDARY( X1 X2 X3 ) <b>240V</b> V 10 kV BIL	WINDING MATERIAL <b>AL</b> ENCLOSURE TYPE <b>3R</b> WEIGHT <b>535</b> LBS ENERGY EFFICIENCY EXCEEDS CSA C802.2-2012 DOE 10 CFR PART 431:2016	TYPE <b>K</b>  <b>LISTED</b> DRY TYPE TRANSFORMER E112313  <b>LR 3902</b> SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY OSP-0136-10 IBC 2012/ASCE 7-10 SDS<=2.0g Z/h=1 Ip=1.5	
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 X6=120V CT, 5% OF KVA RATING MAXIMUM		SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS BEFORE HANDLING, INSTALLING AND OPERATING, SEE INSTRUCTION MANUAL NEMA Class <b>ANN</b> Dry Type Transformer Siemens Industry, Inc. Norcross, GA dsu0086e	



3F1Y045FD16



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 350MCM-6 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	
1 ADDED ENCL BOTTOM DRAWING	17/04/03	JW	VERIF'D		ORDER NO.
					DWG. NO.
					3F1Y045FD16
					1
					SH 2 OF 3

1.1 jwen 2017/07/17 13:05

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.

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					ORDER NO.	DWG. NO.	1
					3F1Y045FD16		SH 3 OF 3