

# SIEMENS

CATALOG NO. 3F5Y045CD16  
 SERIAL NO.  
**45** kVA **60** Hz **3** PHASE  
**3.7** % 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 ) **480Y/277V** V **10** kV BIL

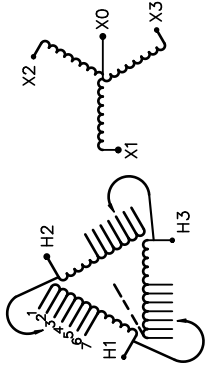
WINDING MATERIAL **CU**  
 ENCLOSURE TYPE **3R** WEIGHT **425** LBS  
 ENERGY EFFICIENCY **EXCEEDS CSA** DOE 10 CFR PART 431:2016  
**C802.2-2012**

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE, PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

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 ds00066



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



TYPE **K**



**LISTED**  
 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	15/11/09	JW
		CHEK'D		
		VERIF'D		

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CUSTOMER	ORDER NO.	DWG. NO.
		3F5Y045CD16
		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 #14-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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CUSTOMER NOTES:

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

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				3F5Y045CD16	SH 2 OF 2