

REVISION	DATE	BY	DATE	BY
		DRAWN	16/02/25	DC
		CHEK'D		
		VERIF'D		

Confidential - Property of <b>Siemens Industry, Inc.</b>	
CUSTOMER	
ORDER NO.	DWG. NO.
	1D1Y050K13FCTP1
	SH 1 OF 2

# SIEMENS

CATALOG NO. 1D1Y050K13FCTP1  
 SERIAL NO. SERIES H  
 50 kVA 60 Hz 1 PHASE  
 3 % IMP AT 135 °C

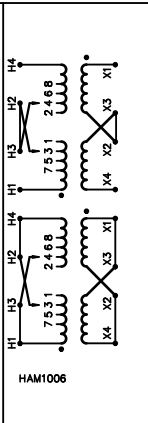
115 °C RISE 30 °C AVG. AMBIENT  
 220 °C TEMP CLASS 40 °C MAX. AMBIENT

PRIMARY ( H1 H3 H2 H4 ) 240X480 V - kV BIL  
 SECONDARY( X4 X2 X3 X1 ) 120/240 V - kV BIL

WINDING MATERIAL CU

ENCLOSURE TYPE 3R WEIGHT 660 LBS

ENERGY EFFICIENCY NEMA TP1



VOLTS	INPUT LINE ON HT. & H4 CONNECT
504	H2-1, H3-2
482	H2-2, H3-3
480	H2-3, H3-4
488	H2-4, H3-5
496	H2-5, H3-6
444	H3-5, H2-7
432	H2-7, H3-6
252	H2-1, H3-2
240	H2-3, H3-4
228	H2-5, H3-6
216	H2-7, H3-8

CONNECT H2 TO H3 FOR SERIES PRIMARY

CONNECT H1 TO H3 AND H2 TO H4 FOR PARALLEL PRIMARY

VOLTS	CONNECT	OUTPUT LINE
120	X1-X3, X2-X4	X1-X4
240	X2-X3	X1-X4
120/240	X2-X3	X1-X2-X4

TYPE F

UL LISTED  
 DRY TYPE TRANSFORMER  
 7715 E112513 LR 3902

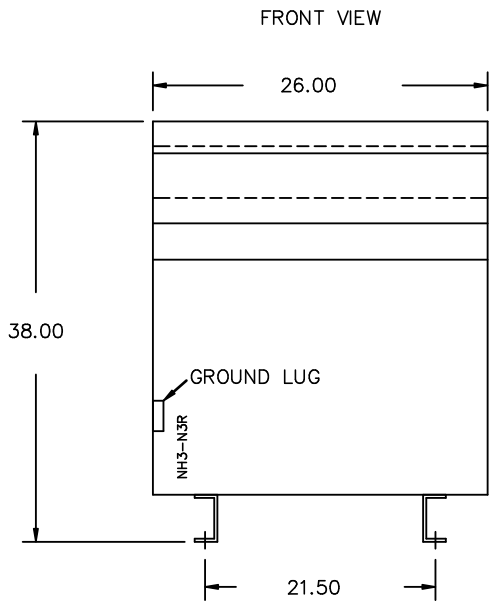
SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY  
 OSP-0136-10 IBC 2012/ASCE 7-10  
 SDS<=2.0g z/h=1 Ip=1.5

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

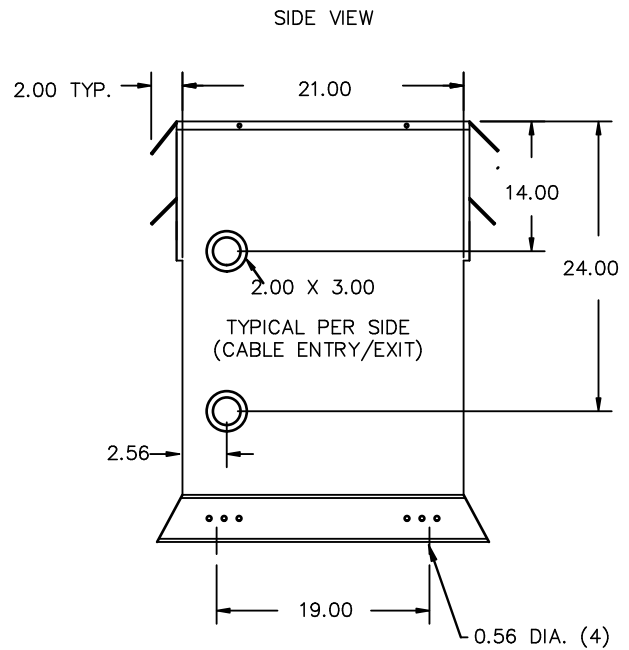
SUITABLE FOR NONSINUSOIDAL CURRENT LOAD WITH K-FACTOR NOT TO EXCEED K-13  
 SUITABLE FOR INDOOR OR OUTDOOR LOCATIONS  
 BEFORE HANDLING, INSTALLING AND OPERATING; SEE INSTRUCTION MANUAL

NEMA Class ANN Dry Type Transformer Siemens Industry, Inc. Norcross, GA 6810087e2





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 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:

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

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