hammond POWER SOLUTIONS

Energy Efficient
General Purpose Distribution Transformer
Transformateur de Distribution
à usage général économe en énergie

Hyderabad, IN | Guelph, ONT Compton, CA | Baraboo, WI Monterrey, MX

Part No. SG3A0075KB

LR 3902

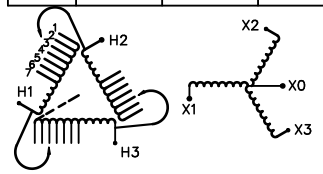
DRY TYPE TRANSFORMER 77US E112313 LISTED

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

8 03423 12196 9

Cust. Ref. Ref. de Cliente		Serial No. No. de Serie	
Phase Fase	3	HV/AT	480V 90.2A
Type Tipo	K	BIL/NBAI	10 kV
Cooling Enfriamiento	ANN	Term	H1 H2 H3
kVA	75	LV/BT	208Y/120V 208A
Temp. Rise Incremento de Temp.	150 °C	BIL/NBAI	10 kV
Temp Class Clase de Temp.	220 °C	Term	X0 X1 X2 X3
Winding Material de Conductores	AL	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency Frequencia	60	Regulacion de Energia	CEE ACT SOR/2018-201
Impedance % Impedancia % @ 170 °C	5.5		
Encl Type Tipo de Gabinete	3R		
Weight Peso lbs/kg	575/261		

VOLTS VOLTIOS	CURRENT CORRIENTE	% RATED VOLTAGE % VOLTAJE NOMINAL	CONNECTION EACH PHASE CONEXION POR FASE
504	85.9	105	1
492	88.0	102.5	2
480	90.2	100	3
468	92.5	97.5	4
456	95.0	95	5
444	97.5	92.5	6
432	100.2	90	7



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

CUMPLE CON LOS REQUISITOS ESENCIALES APLICABLES DE NMX-J-351-1-ANCE-2021
COMPLIES WITH THE APPLICABLE ESSENTIAL REQUIREMENTS OF NMX-J-351-1-ANCE-2021

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d000186hbes

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
5	22/08/09	CS	NPL UPDATE
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE

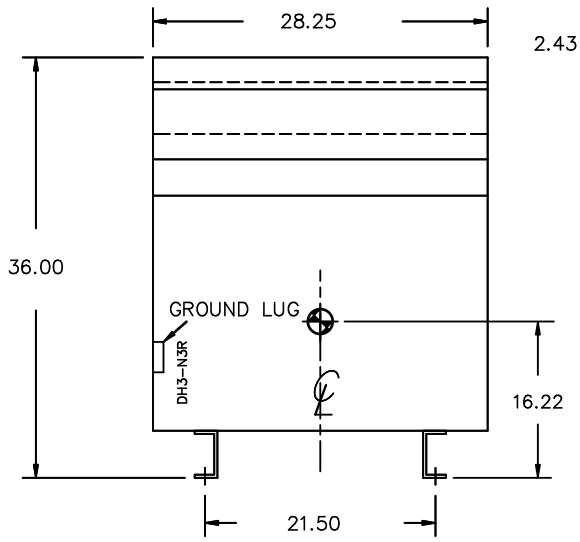
SCALE: NTS | DATE: 15/11/09 | DES: JWEN

SHEET 1 OF 3

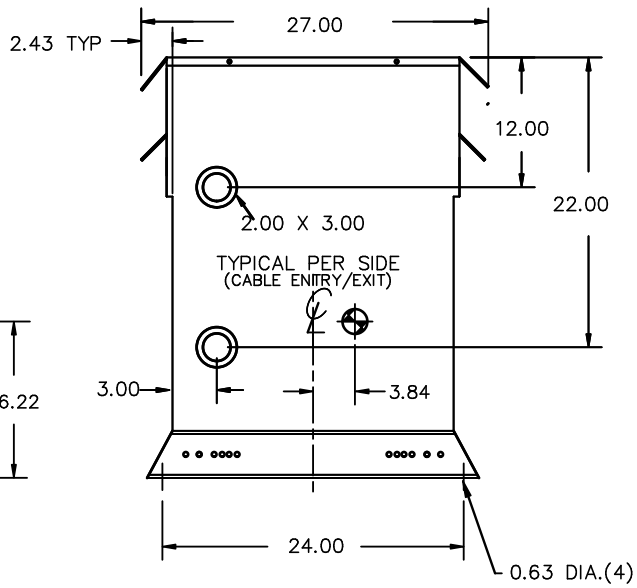
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0–14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

LV TERMINAL DETAIL

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

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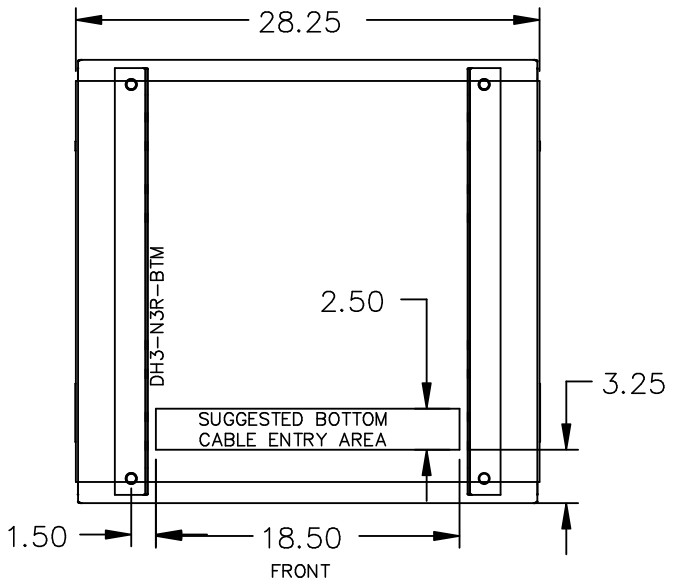
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ENCLOSURE BOTTOM VIEW



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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				SCALE: NTS

SHEET 3 OF 3

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