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. SG3C0225KDOC

LR 3902

DRY TYPE TRANSFORMER 77US E112313 LISTED

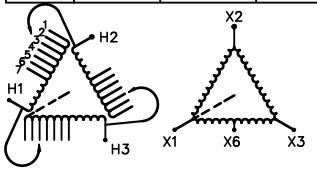
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

8 03423 12788 6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	480V 271A
Type	K	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	225	LV/BT	240V 541A
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220 °C	Term / Bornes	X1 X2 X3
Winding / Enroulement	CU	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018-201
Impedance % @ 170 °C	3.6		
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs	1500		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
504	258	105	1
492	264	102.5	2
480	271	100	3
468	278	97.5	4
456	285	95	5
444	293	92.5	6
432	301	90	7

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



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

d000186hb

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TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE

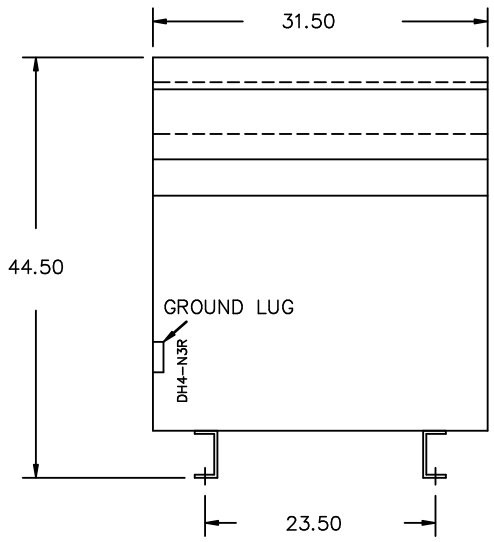
SCALE: NTS | DATE: 17/09/11 | DES: RMOVVA

SHEET 1 OF 3

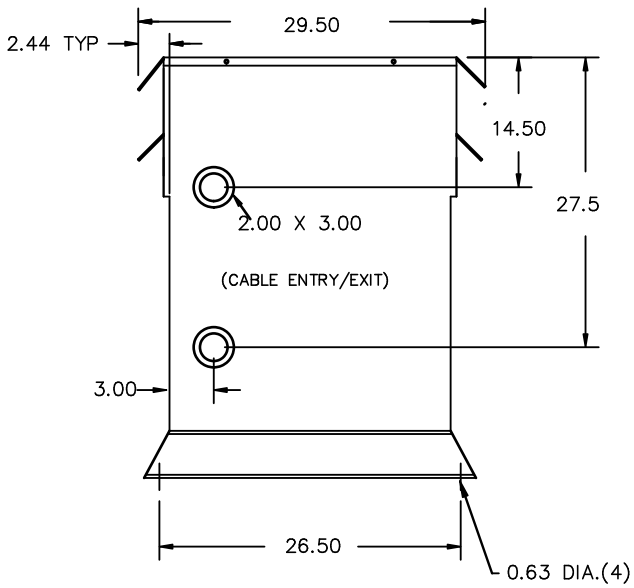
EDB SG3C0225KDOC

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

FRONT VIEW



SIDE VIEW



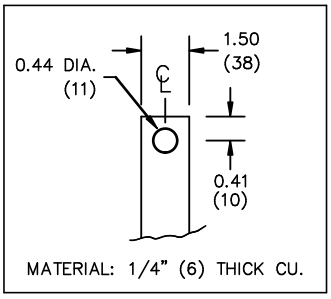
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

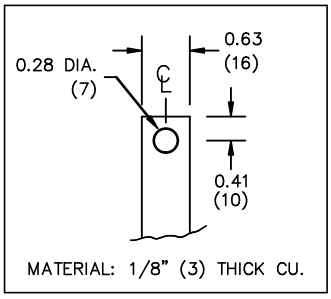
MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM–6 CU/AL
CONDUCTORS
2 CONDUCTORS PER PHASE

LV TERMINAL DETAIL



MATERIAL: 1/4" (6) THICK CU.

X6 TERMINAL DETAIL



MATERIAL: 1/8" (3) THICK CU.

CUSTOMER NOTES:
- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X6 TERMINATED AT BOTTOM FRONT

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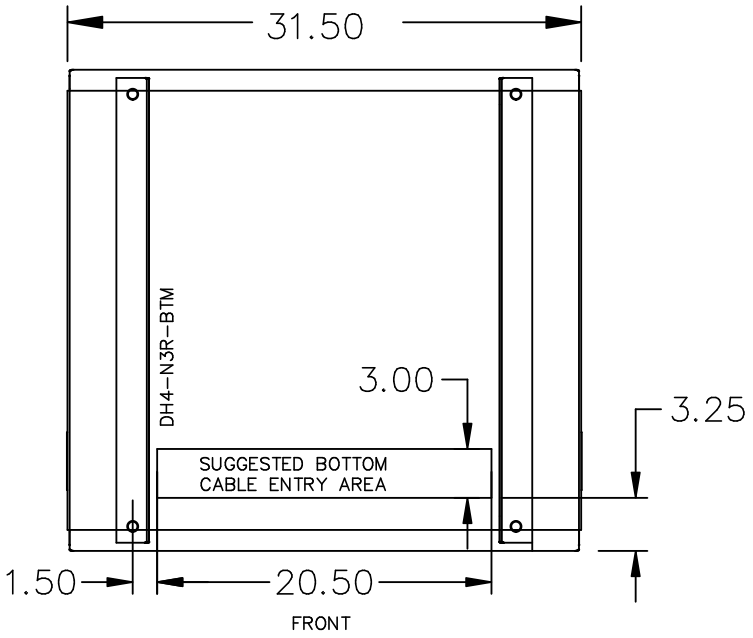
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SHEET 2 OF 3

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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

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SHEET 3 OF 3

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