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. SG3A0225DK

LR 3902

DRY TYPE TRANSFORMER 77US E112313 LISTED

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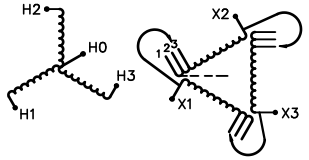
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	480Y/277V 271A
Type	K	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H0 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	AL	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018-201
Impedance % @ 170 °C	5.1		
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs	1500		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
252	515	105	1
240	541	100	2
228	570	95	3

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY



SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

d000186hb

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE

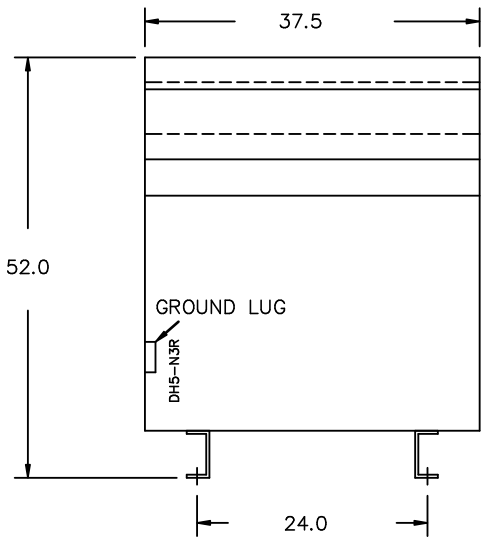
SCALE: NTS | DATE: 16/01/10 | DES.: ASETH

SHEET 1 OF 3

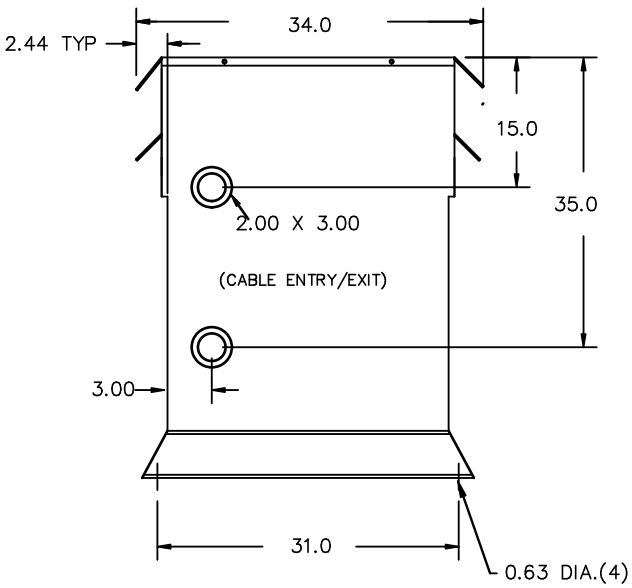
EDBSG3A0225DK

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

FRONT VIEW



SIDE VIEW



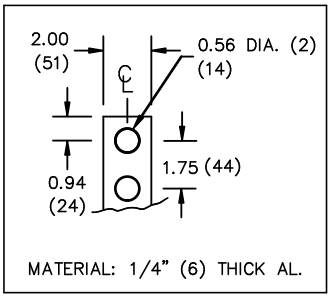
All Dimensions in inches

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 AL.

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

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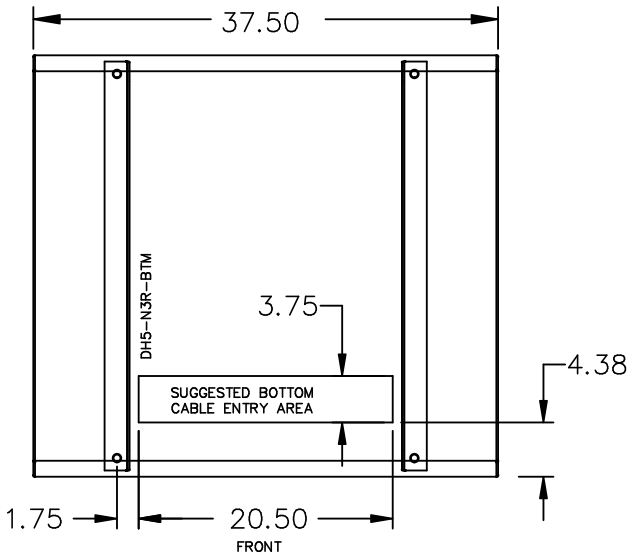
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ENCLOSURE BOTTOM VIEW



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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SHEET 3 OF 3

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