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. SG3A1000PK

LR 3902

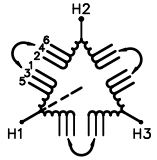
DRY TYPE TRANSFORMER 77US E112313 LISTED

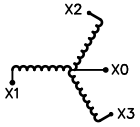
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

8 03423 12852 4

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	600V 962A
Type	K	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	1000	LV/BT	480Y/277V 1203A
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220 °C	Term / Bornes	X0 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	5.8		
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs/kg	5600/2541		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
630	916	105	1-2
615	939	102.5	2-3
600	962	100	3-4
585	987	97.5	4-5
570	1013	95	5-6





SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

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

d000186hb

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TITLE: 3PH DISTRIBUTION TRANSFORMER.
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
5	24/06/13	DC	ADDED LV AMPS(HCN:81122)
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE

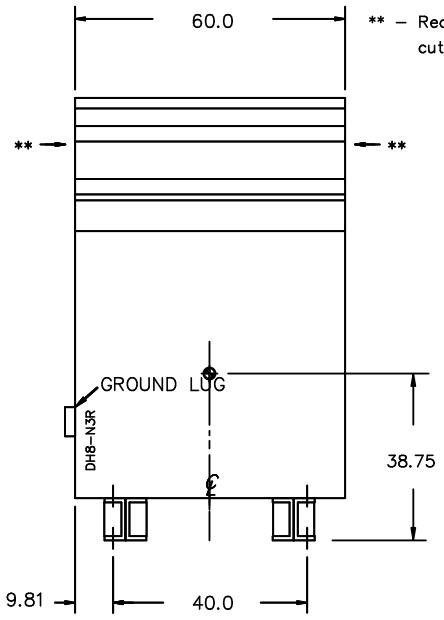
DES: RBHATIA
DATE: 16/09/19
SCALE: NTS

SHEET 1 OF 3

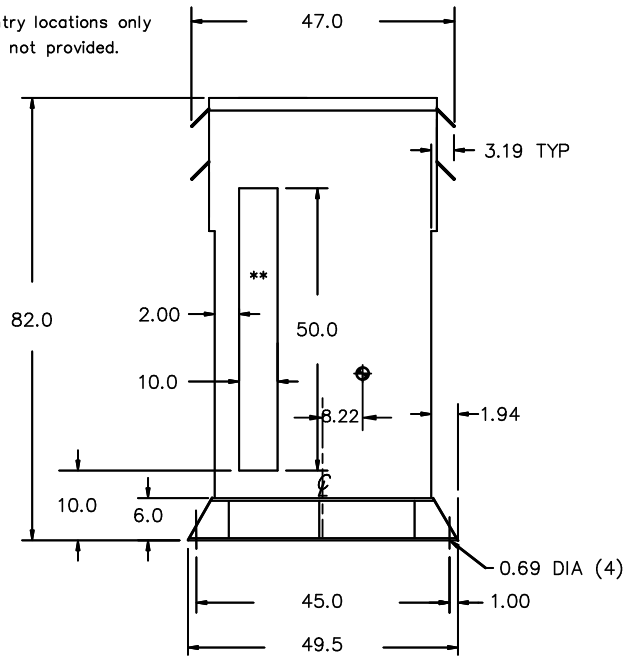
EDBSG3A1000PK

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

FRONT VIEW



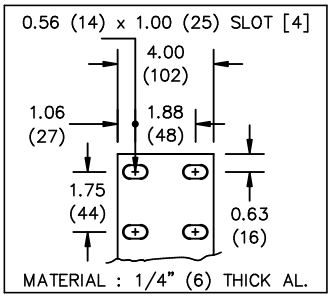
SIDE VIEW



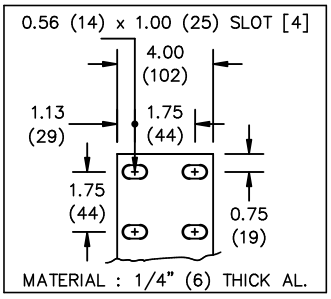
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



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

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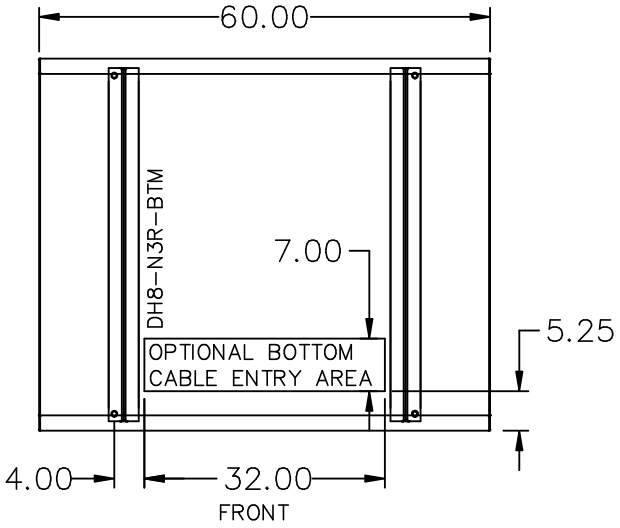
TITLE: 3PH DISTRIBUTION TRANSFORMER.

NO.	DATE	BY	REVISION
5	24/06/13	DC	ADDED LV AMPS(HCN: 81122)
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE

DES: RBHATIA
DATE: 16/09/19
SCALE: NTS

EDBSG3A1000PK

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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5.0 httpd 2026/11/05 22:33

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ENCLOSURE BOTTOM VIEW

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				SCALE: NTS

SHEET 3 OF 3

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