



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION

DES: PPI/CASSI
DATE: 23/01/19
SCALE: NTS

SHEET 1 OF 3

EDBSG3A1000PBOC

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POWER SOLUTIONS
Guelph, ONT
Hyderabad, IN Compton, CA Monterrey, MX

HPS Sentinel™ G
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Part No. **SG3A1000PBOC**

LR 3902
DRY TYPE
TRANSFORMER
77US
E112313

8 03423 112827 2

ALSO REFER TO THE FOLLOWING STANDARDS:
UL 1561 AND IEC 60074-18
BY UNDERWRITERS LABORATORIES INC. @ 316



LISTED

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION 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

Cust. Ref. Ref. du Client	Serial No. No. de Serie	600V	962A
Phase	HV/HT	10 kV	
Type	BIL	H1 H2 H3	
Cooling Refroidissement	ANN	208Y/120V	2776A
kVA	1000	10 kV	
Temp. Rise Échauffement	150 °C	Term Bornes	X0 X1 X2 X3
Temp Class Classe Temp	220 °C	LV/BT	DOE 10 CFR PART 431:2016
Winding Enroulement	CU	BIL	CEE ACT SOR/2018-201
Frequency Fréquence Hz	60	Term Bornes	
Impedance % @ 170 °C	6.4	Energy Regulations de Énergétique	
Encl. Type Type de Coffrage	3R		
Weight Poids	5070/2300		

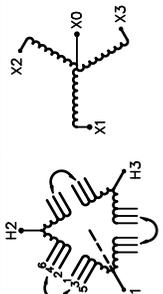
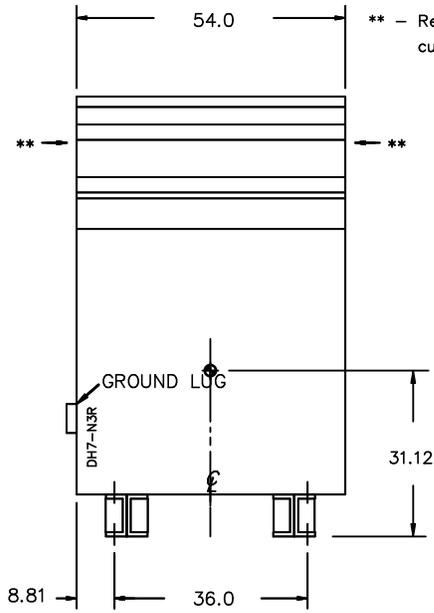


Diagram showing terminal connections H1, H2, H3 and X0, X1, X2, X3.

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

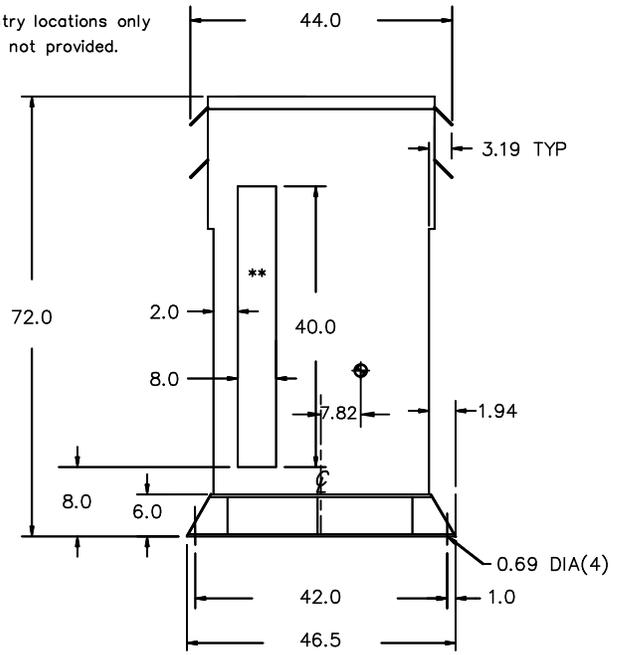
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FRONT VIEW



** - Recommended cable entry locations only
cutouts & gland plates not provided.

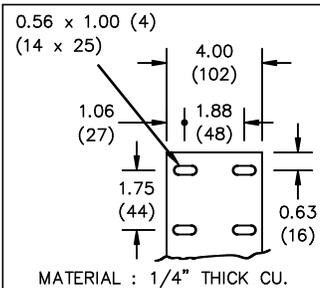
SIDE VIEW



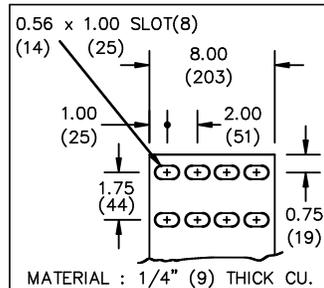
All Dimensions in inches

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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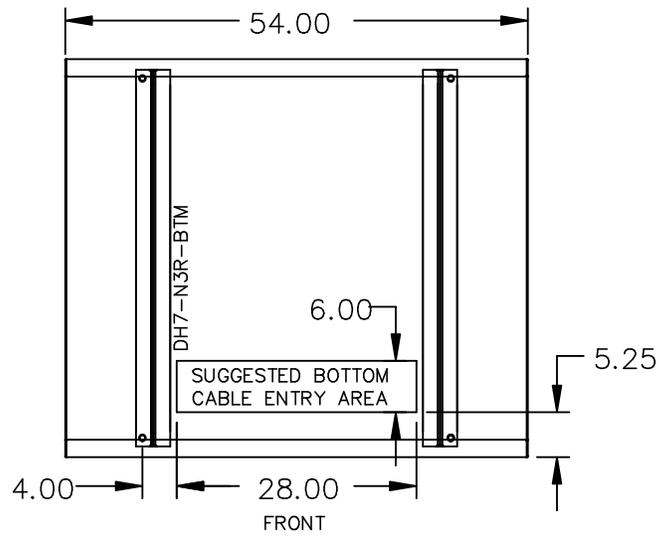
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SHEET 2 OF 3

EDBSC3A100PBOC

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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 ENCLOSURE BOTTOM VIEW

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