



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION

DES: PPI/CASSI  
DATE: 22/06/07  
SCALE: NTS

SHEET 1 OF 3

EDBSG3A1000KBOC

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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. **SG3A1000KBOC**

Serial No. [ ]  
No. de Serie [ ]

Phase 3 HV/HT

Type K BIL

Cooling Refroidissement ANN Term Bornes

kVA 1000 LV/BT

Temp. Rise Echauffement 150 °C BIL

Temp Class Classe Temp 220 °C Term Bornes

Winding Enroulement CU Energy Regulations

Frequency Fréquence Hz 60 Reglements de Énergétique

Impedance % @ 170 °C 5.5

Encl. Type Type de Coffrage 3R

Weight Poids lbs/kg 5560/2522

480V 1203A

10 kV

H1 H2 H3

208Y/120V 2776A

10 kV

X0 X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

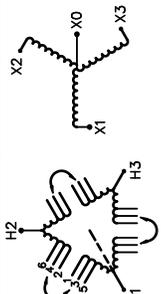
1203A

106.2 103.1 100 96.9 93.8

1133 1167 1203 1241 1282

510 495 480 465 450

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
510	1133	106.2	1-2
495	1167	103.1	2-3
480	1203	100	3-4
465	1241	96.9	4-5
450	1282	93.8	5-6



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

LISTED

UL E112313

DRY TYPE TRANSFORMER 77US E112313

UL LR 3902

8 03423 17284 8

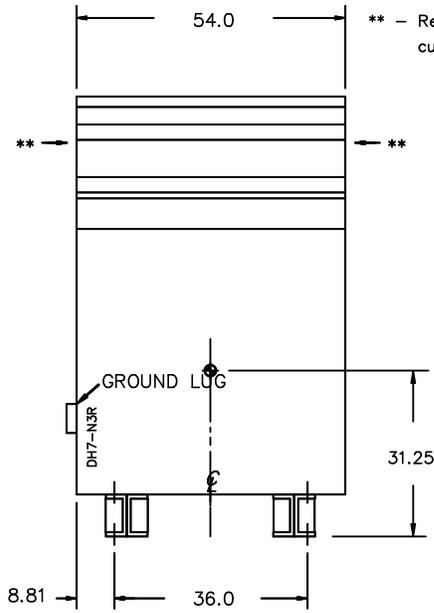
ALSO REFER TO UNDERWRITERS LABORATORIES INC. 3148

BY UNDERWRITERS LABORATORIES INC. 3148

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

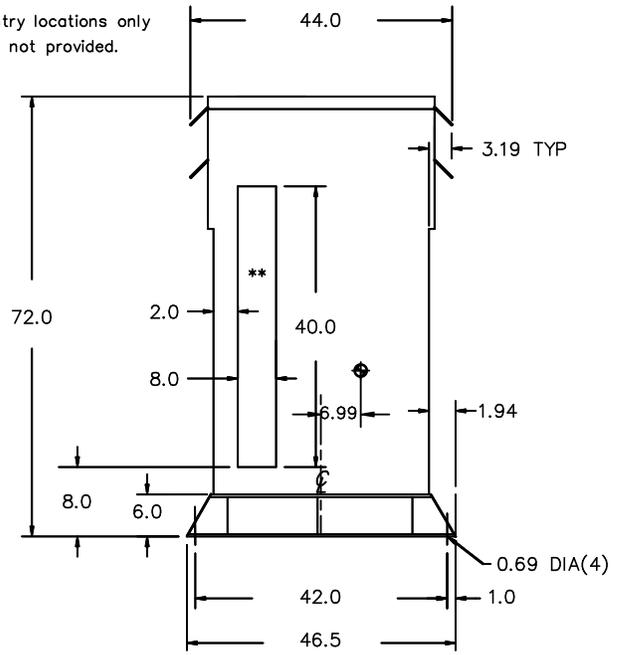
d000186hb

FRONT VIEW



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

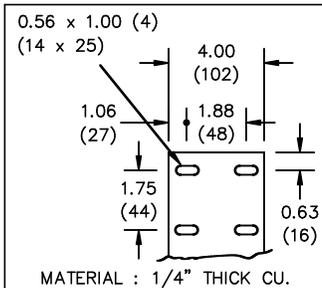
SIDE VIEW



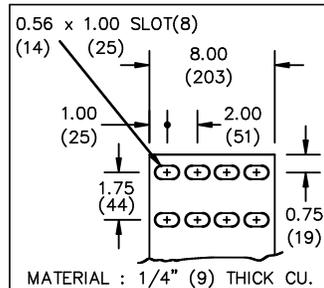
All Dimensions in inches

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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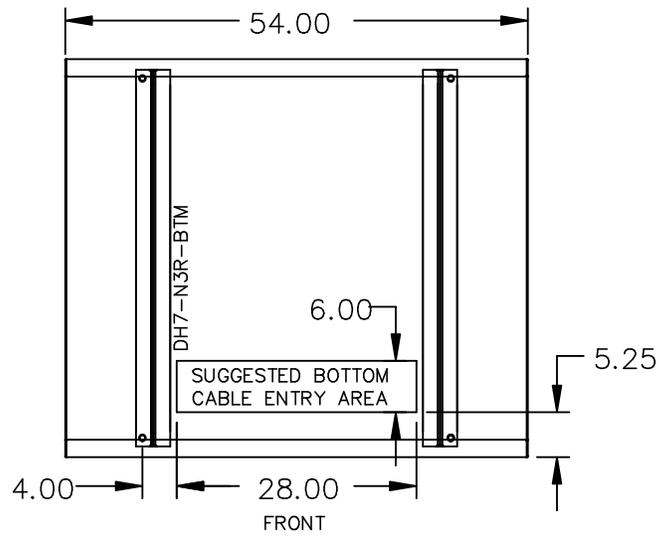
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ENCLOSURE BOTTOM VIEW



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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