



TITLE: 1PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION


DES:	AOPPER
DATE:	26/02/20
SCALE:	NTS

SHEET 1 OF 3

EDBSG3L0037HEOC

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**POWER SOLUTIONS**  
Guelph, ONT  
Hyderabad, IN Compton, CA

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

Baraboo, WI  
Monterrey, MX

Part No. **SG3L0037HEOC**

**LISTED**  **LR 3902**  
 DRY TYPE TRANSFORMER 800342314109 7  
 ALSO REFER TO LOCAL CODES  
 TO ENERGY STANDARDS C902-18  
 BY UNDERWRITERS LABORATORIES INC. @ 316

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
437	85.9	105	1-2
426	87.9	102.5	2-3
416	90.1	100	3-4
406	92.5	97.5	4-5
395	94.9	95	5-6
120	312		X4&X2, X3&X1
240	156		X1, X4

Serial No. [ ]  
 No. de Serie [ ]

Phase 1 HV/HT

Type F BIL

Cooling Refroidissement ANN Term Bornes

kVA 37.5 LV/BT 120/240V 312/156A

Temp. Rise Echauffement 150 °C BIL

Temp Class 220 °C Term Bornes

Winding Enroulement CU Energy Regulations

Frequency Fréquence Hz 60 Reglements de l'Energétique

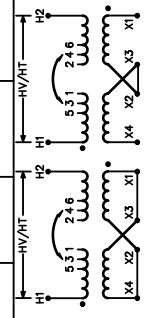
Impedance % @ 170 °C 5.9

Encl. Type Type de Coffrage 3R

Weight Poids lbs/kg 295/134

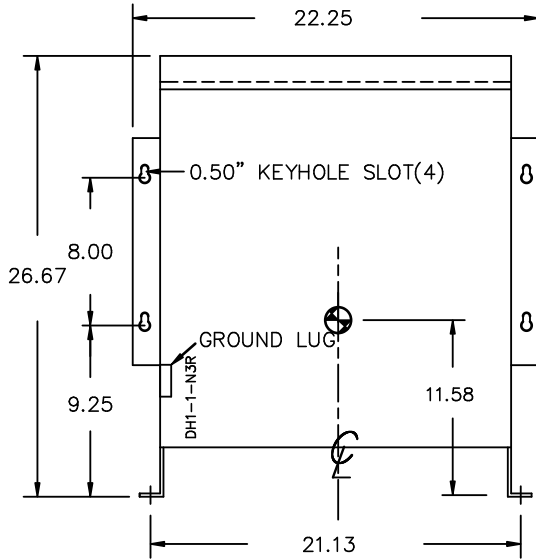
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

SEISMIC QUALIFICATIONS:  
 OSP=0136/IBC 2018/ASCE 7-16  
 SDS<=2.0g Z/h=1 Ip=1.5

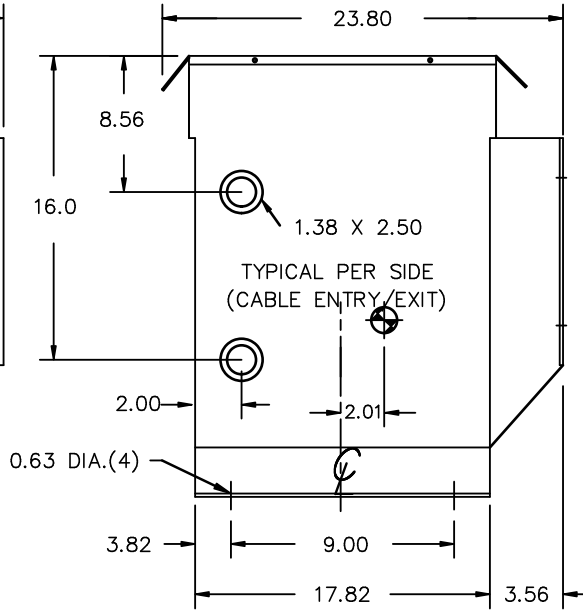


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FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR #2/0-14 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 250MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT



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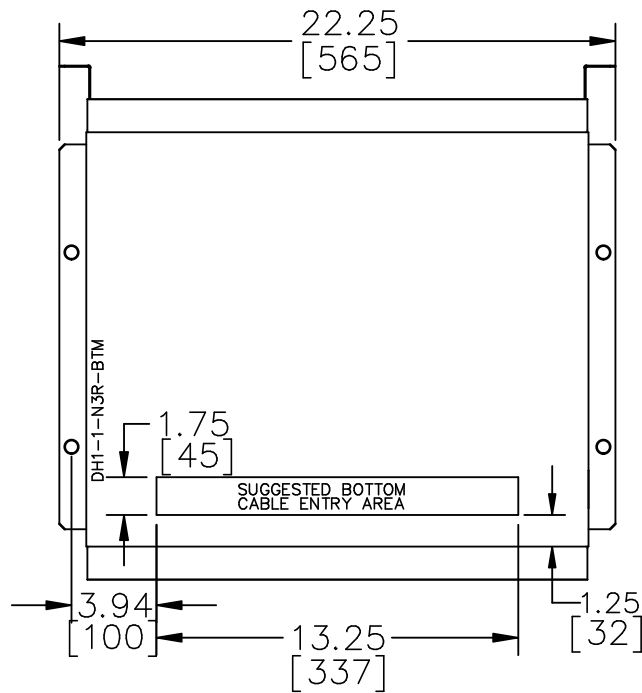
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ENCLOSURE BOTTOM VIEW



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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