



TITLE: 1PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: PPICASSI
			DATE: 18/01/26
			SCALE: NTS

SHEET 1 OF 3

EDBSG3L0015FE

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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. **SG3L0015FE**

**LISTED** **LR 3902**  
 DRY TYPE TRANSFORMER  
 ALSO LISTED TO ENERGY STANDARDS CANADA C22.2-18  
 BY UNDERWRITERS LABORATORIES INC. @ 3148

8 03423 174083 0  
 77US  
 E112313

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
291	51.6	105	1-2
284	52.8	102.5	2-3
277	54.2	100	3-4
270	55.5	97.5	4-5
263	57.0	95	5-6
120	125.0		X4&X2, X3&X1
240	62.5		X1, X4

Serial No. [ ]  
 No. de Serie [ ]

Phase 1 HV/HT

Type F BIL

Cooling Refroidissement ANN Term Bornes

kVA 15 LV/BT 120/240V 125.0/62.5A

Temp. Rise Echauffement 150 °C BIL

Temp Class Classe Temp 220 °C Term Bornes

Winding Enroulement AL Energy Regulations

Frequency Fréquence Hz 60 Reglements de l'Energétique

Impedance % @ 170 °C 6

Encl. Type Type de Coffrage 3R

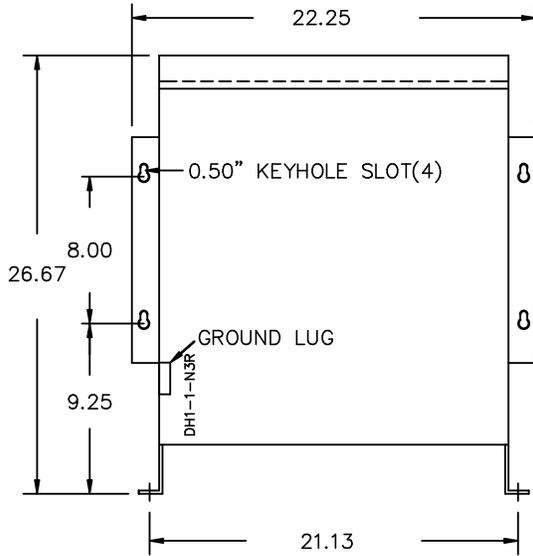
Weight Poids lbs 165

DOE 10 CFR PART 431:2016  
 CEE ACT SOR/2018-201

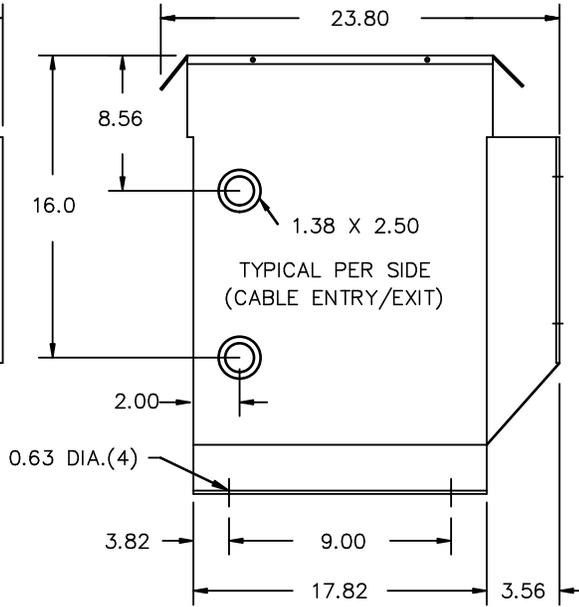
SEISMIC QUALIFICATIONS:  
 OSP=0136/IBC 2018/ASCE 7-16  
 SDS<=2.0g Z/h=1 Ip=1.5

d000186hb

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 #14-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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CUSTOMER NOTES:

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



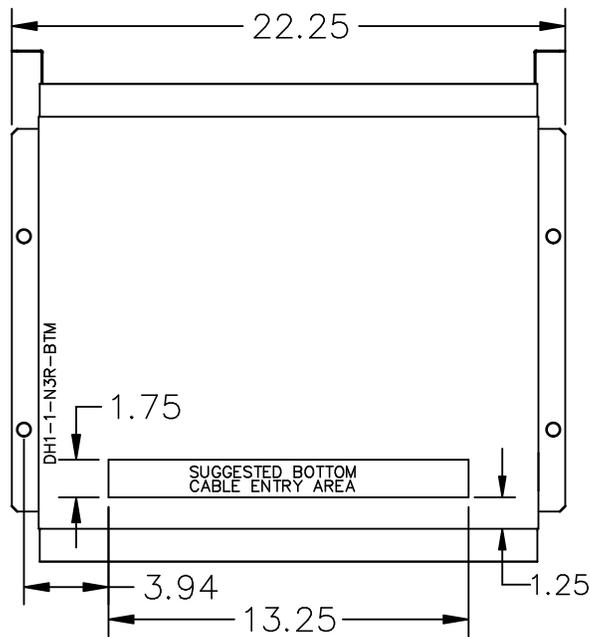
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ENCLOSURE BOTTOM VIEW



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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 ENCLOSURE BOTTOM VIEW

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