



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: RMOVVA
			DATE: 18/04/12
			SCALE: NTS

SHEET 1 OF 3

EDBSG3L0025FE

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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. **SG3L0025FE**

LISTED  **LR 3902**
 DRY TYPE TRANSFORMER 8003423174084 7
 ALSO REFER TO CONNECTION DIAGRAM AND CATALOGUE
 FOR ENERGY EFFICIENT AND ASD CROSSLINK-18
 BY UNDERWRITERS LABORATORIES INC. @ 3168

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
291	86.0	105	1-2
284	88.1	102.5	2-3
277	90.3	100	3-4
270	92.6	97.5	4-5
263	95.0	95	5-6
120	208.3		X4&X2, X3&X1
240	104.2		X1, X4

Serial No. _____
 No. de Serie _____

Phase 1 HV/HT

Type F BIL

Cooling Refroidissement ANN Term Bornes

kVA 25 LV/BT

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL Energy Regulations

Frequency Fréquence Hz 60 Reglements de l'Energétique

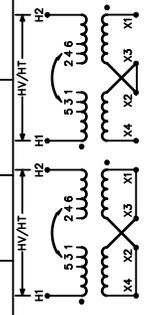
Impedance % @ 170 °C 5.9

Encl. Type Type de Coffrage 3R

Weight Poids lbs 225

DOE 10 CFR PART 431:2016

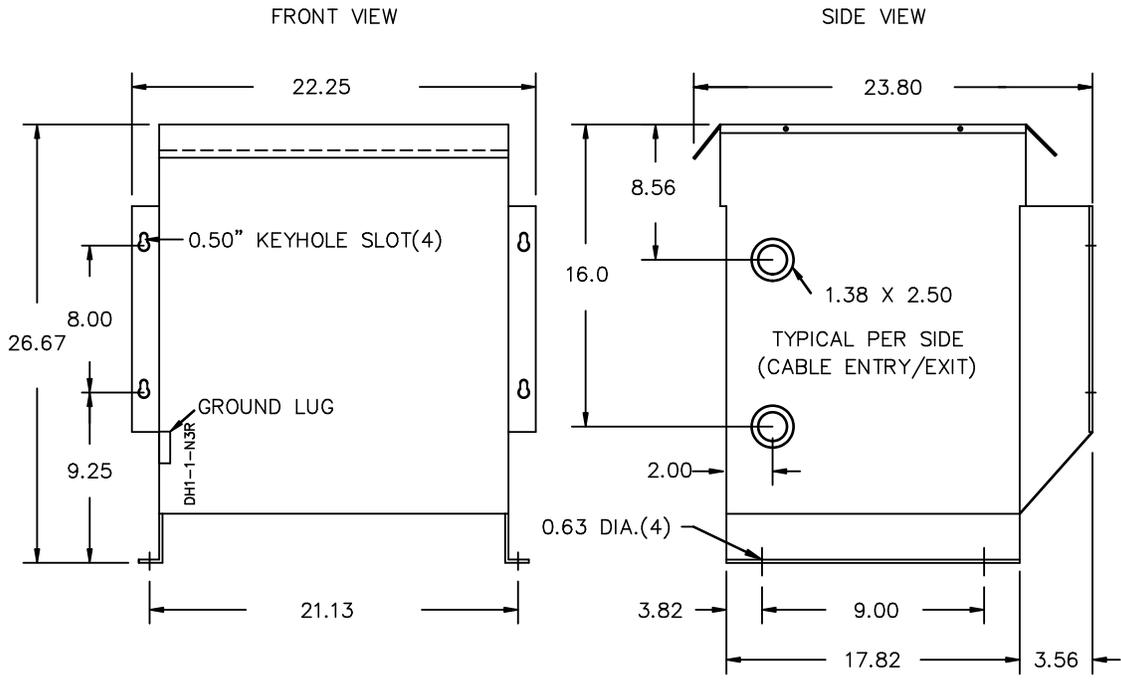
CEE ACT SOR/2018-201



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

d000186hb



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

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CUSTOMER NOTES:

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



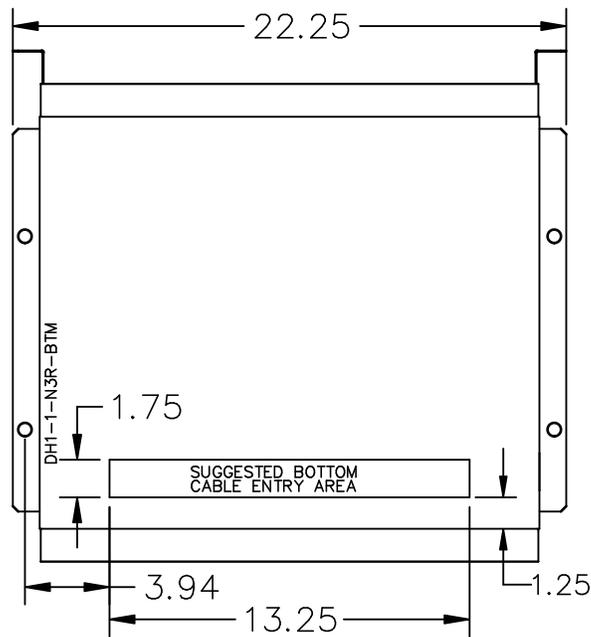
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ENCLOSURE BOTTOM VIEW



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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