



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: 17/10/12
			SCALE: NTS

SHEET 1 OF 3

EDBSG3L0015BE

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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. **SG3L0015BE**

LISTED **LR 3902**
 DRY TYPE TRANSFORMER 8003423174047 2
 ALSO REFER TO CONNECTIONS TO ENERGY STANDARDS C900-18 BY UNDERWRITERS LABORATORIES INC. @ 016

Cust. Ref.

Ref. du Client

Serial No.

No. de Serie

Phase 1 HV/HT 208V 72.1A

Type F BIL 10 kV

Cooling ANN Term H1 H2

Refroidissement

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

Temp. Rise 150 °C BIL 10 kV

Echauffement

Temp Class 220 °C Term X4 X2 X3 X1

Classe Temp

Winding AL Energy DOE 10 CFR PART 431:2016

Enroulement

Regulations

Frequency Hz 60 Reglements CEE ACT SOR/2018-201

Impedance %

@ 170 °C 5.8 Énergétique

Encl. Type

Type de Coffrage 3R

Weight

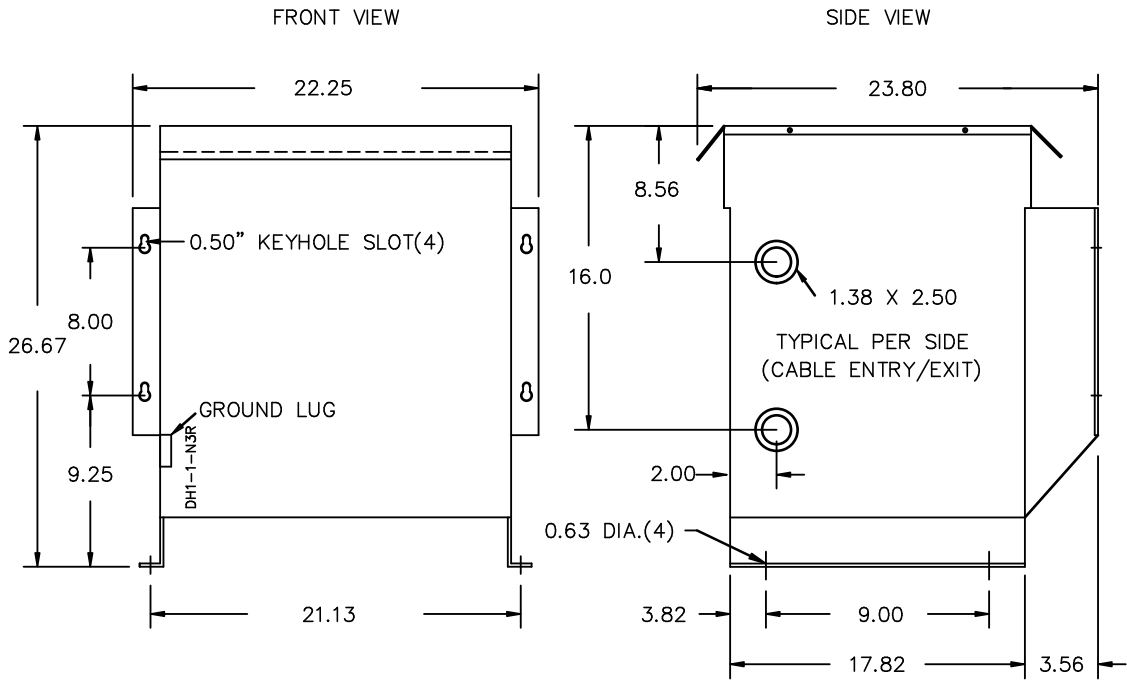
Poids 160

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218	68.7	105	1-2
213	70.4	102.5	2-3
208	72.1	100	3-4
203	74.0	97.5	4-5
198	75.9	95	5-6
120	125.0		X4&X2, X3&X1
240	62.5		X1, X4

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

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

CUSTOMER NOTES:

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



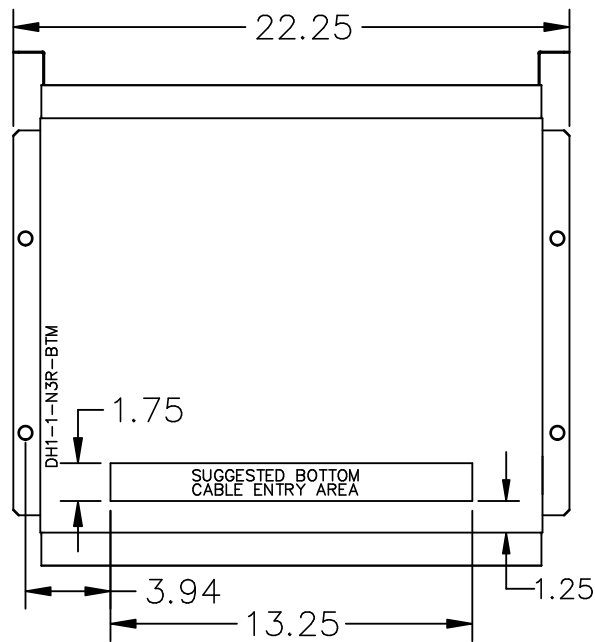
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ENCLOSURE BOTTOM VIEW



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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