



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION

DES:	RMOVVA
DATE:	22/11/16
SCALE:	NTS

SHEET 1 OF 3

EDBSG3L0025HE

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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. **SG3L0025HE**

LISTED **LR 3902**
 DRY TYPE TRANSFORMER 8003423141004
 ALSO REFER TO CONNECTIONS TO ENERGY STANDARDS C900-18 BY UNDERWRITERS LABORATORIES INC. @ 016

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
437	57.2	105	1-2
426	58.9	102.5	2-3
416	60.1	100	3-4
406	61.6	97.5	4-5
395	63.3	95	5-6
120	208.3		X4&X2, X3&X1
240	104.2		X1, X4

Cust. Ref.

Ref. du Client

Serial No.

No. de Serie

Phase 1 HV/HT 416V 60.1A

Type F BIL 10 kV

Cooling ANN Term H1 H2

Refroidissement 25 LV/BT 120/240V 208/104A

kVA 150 °C BIL 10 kV

Temp. Rise 220 °C Term X4 X2 X3 X1

Echauffement AL Energy DOE 10 CFR PART 431:2016

Classe Temp 60 Reglements CEE ACT SOR/2018-201

Winding 5.5 Impedance %

Enroulement 3R @ 170 °C Energétique

Frequency

Fréquence Hz

Impedance %

Encl. Type

Type de Coffrage

Weight lbs/kg 225/103

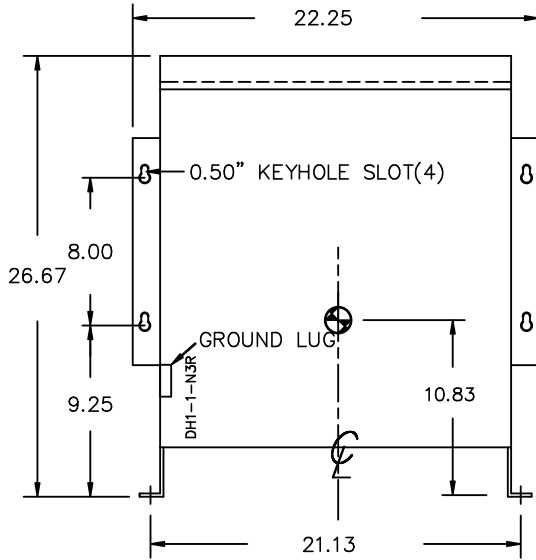
Poids

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

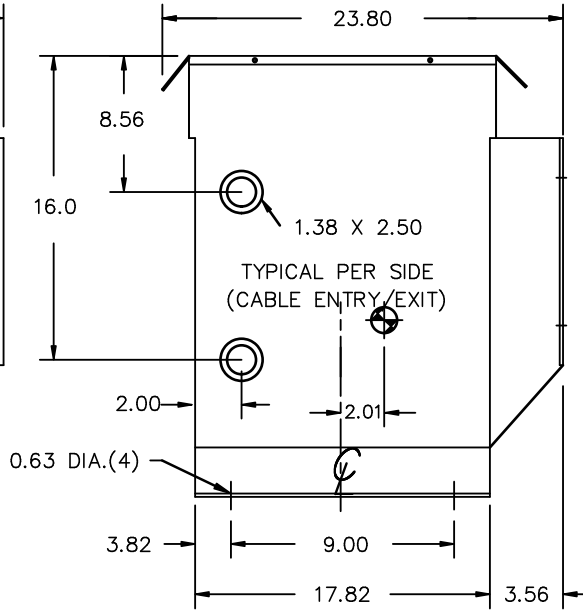
SEISMIC QUALIFICATIONS:
OSP-0136/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d000186hb

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

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

CUSTOMER NOTES:

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



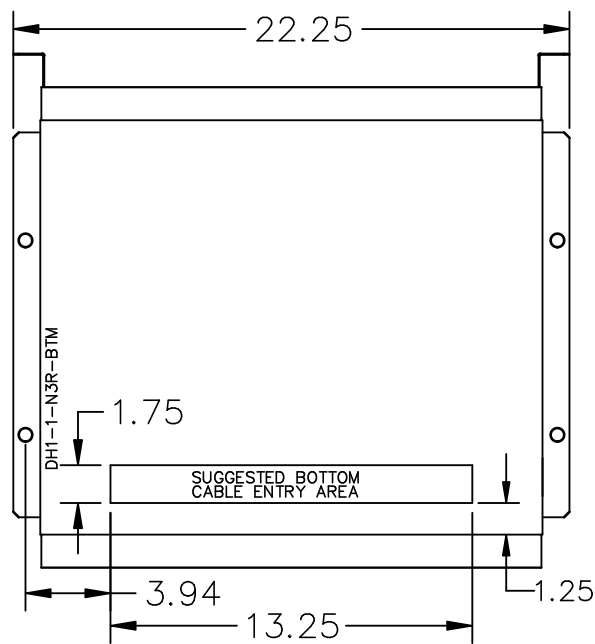
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ENCLOSURE BOTTOM VIEW



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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