



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: PPICASSI
2	21/07/16	PP	EDB UPDATE	DATE: 17/04/27
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SG3L0025PEOC

3.0 httpd 2026/04/01 03:19

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

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. **SG3L0025PEOC**

Cust. Ref.
Ref. du Client

Phase

Type

Cooling
Refroidissement

kVA

Temp. Rise
Échauffement

Temp Class
Classe Temp

Winding
Enroulement

Frequency
Fréquence Hz

Impedance %
@ 170°C

Encl. Type
Type de Coffrage

Weight
Poids

Serial No.
No. de Serie

HV/HT

BIL

Term
Bornes

LV/BT

BIL

Term
Bornes

CU

60

5.2

3R

235

600V

10 kV

H1 H2

120/240V 208.3/104.2A

10 kV

X4 X2 X3 X1

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

630

615

600

585

570

120

240

39.7

40.7

41.7

42.7

43.9

208.3

104.2

105

102.5

100

97.5

95

X4&X2, X3&X1

X1, X4

1-2

2-3

3-4

4-5

5-6

CONNECTION
EACH PHASE
CONNECTION
PAR PHASE

DOE 10 CFR PART 431:2016

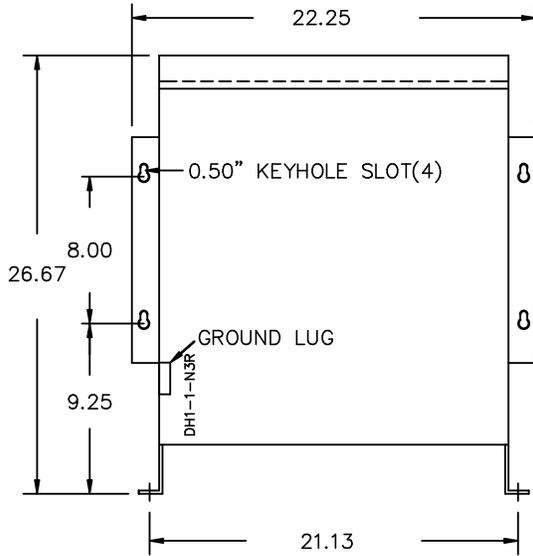
CEE ACT SOR/2018-201

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

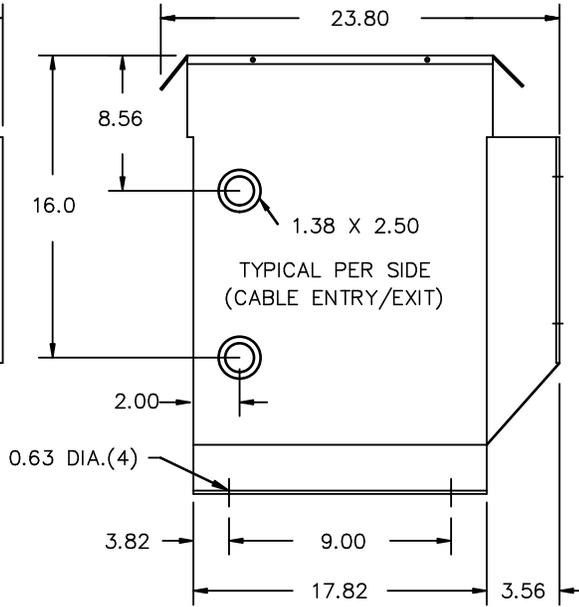
SEISMIC QUALIFICATIONS:
OSP-0136/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d000186hb

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



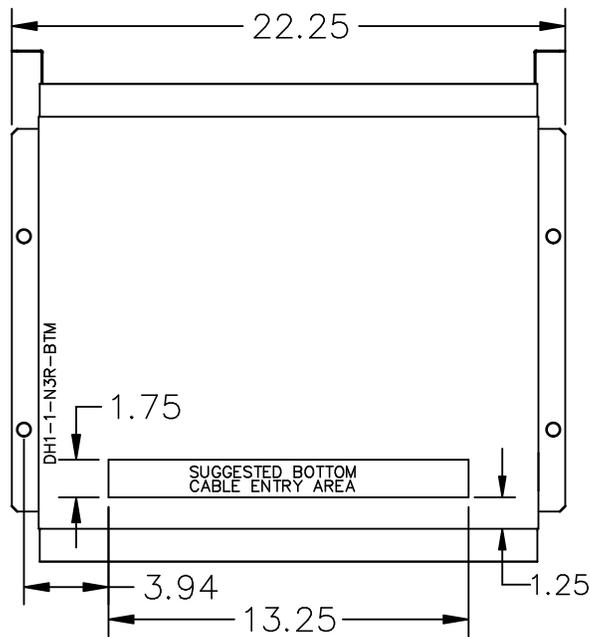
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SHEET 2 OF 3

EDBSC310025PEOC

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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