



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	21/07/16	PP	EDB UPDATE	DES: JWEN
2	20/03/17	PP	SEISMIC UPDATE	DATE: 15/11/09
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSG3A0225PB

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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. **SG3A0225PB**

Serial No. _____
No. de Serie _____

Phase **3**

Type **K**

Cooling **ANN**
Refrédissement

kVA **225**

Temp. Rise **150 °C**
Échauffement

Temp Class **220 °C**
Classe Temp

Winding **AL**
Enroulement

Frequency **60**
Fréquence Hz

Impedance **4.9**
% @ 170 °C

Encl. Type **3R**
Type de Coffrage

Weight **1550**
Poids lbs

600V

10 kV

H1 H2 H3

208Y/120V

10 kV

X0 X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

630
615
600
585
570
555
540

206
211
217
222
228
234
241

105
102.5
100
97.5
95
92.5
90

1
2
3
4
5
6
7

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

0000186hb

LR 3902

UL LISTED

DRY TYPE
TRANSFORMER
77US
E112313

8 03423172547 19

ALSO REFER TO THE FOLLOWING STANDARDS:
UL 1568
UL 1004
UL 1568-1B
UL 1568-1C
UL 1568-1D
UL 1568-1E
UL 1568-1F
UL 1568-1G
UL 1568-1H
UL 1568-1I
UL 1568-1J
UL 1568-1K
UL 1568-1L
UL 1568-1M
UL 1568-1N
UL 1568-1O
UL 1568-1P
UL 1568-1Q
UL 1568-1R
UL 1568-1S
UL 1568-1T
UL 1568-1U
UL 1568-1V
UL 1568-1W
UL 1568-1X
UL 1568-1Y
UL 1568-1Z

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT



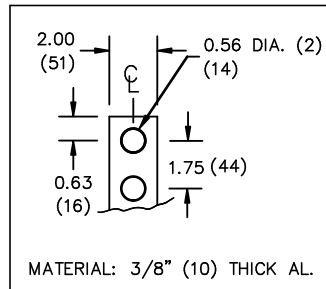
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



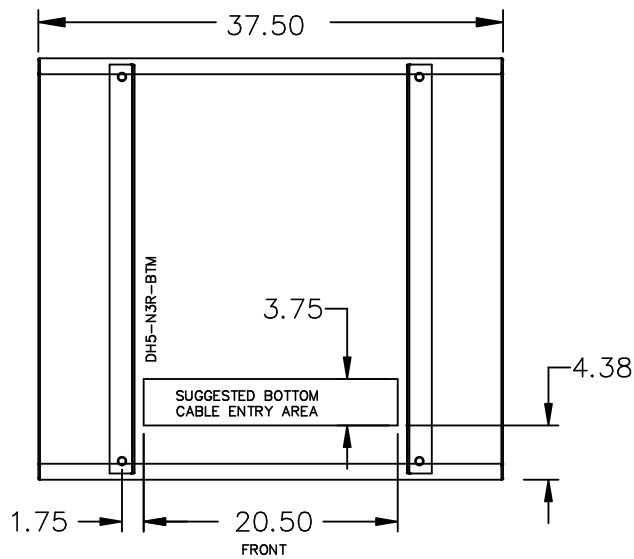
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EDBSC3A0225PB

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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