


- IMPEDANCE SHOWN IS CALCULATED VALUE
- TESTED IMPEDANCE WILL BE SHOWN ON TRANSFORMER NAMEPLATE

d000186hb



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. **SG3A1000K**

Serial No. []
No. de Serie []

Phase **3**

Type **K**

Cooling Refroidissement **ANN**

kVA **1000**

Temp. Rise Echauffement **150 °C**

Temp Class Classe Temp **220 °C**

Winding Enroulement **AL**

Frequency Fréquence Hz **60**

Impedance % @ 170 °C **5.6**

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

Weight Poids **5450** lbs

HV/HT **480V**

BIL **1203A**

Term Bornes **10 kV**

LV/BT **H1 H2 H3**

BIL **480Y/277V 1203A**

Term Bornes **10 kV**

Reglements de l'Energétique **DOE 10 CFR PART 431:2016**

CEE ACT SOR/2018-201 **CEE ACT SOR/2018-201**

Current Courant

1135	106
1168	103
1203	100
1240	97
1280	94

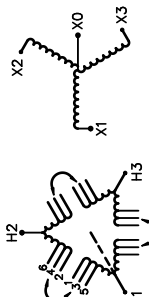
Volts

509	1-2
484	2-3
480	3-4
466	4-5
451	5-6

% Rated Voltage / Tension Nominale

Connection Each Phase / Connexion Par Phase

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES



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



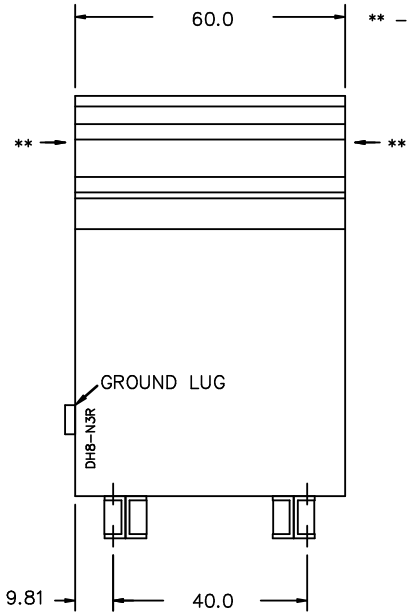
TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: MABDELAT
			DATE: 18/03/29
			SCALE: NTS

SHEET 1 OF 3

EDBSG3A1000K

FRONT VIEW



** - Recommended cable entry locations only
cutouts & gland plates not provided.

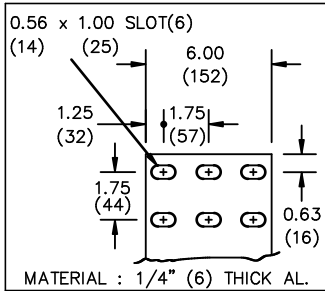
SIDE VIEW



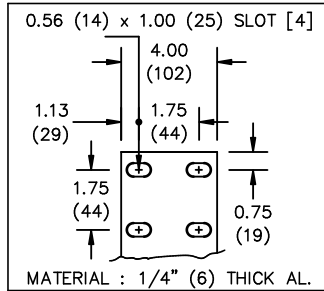
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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

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



TITLE: 3PH DISTRIBUTION TRANSFORMER

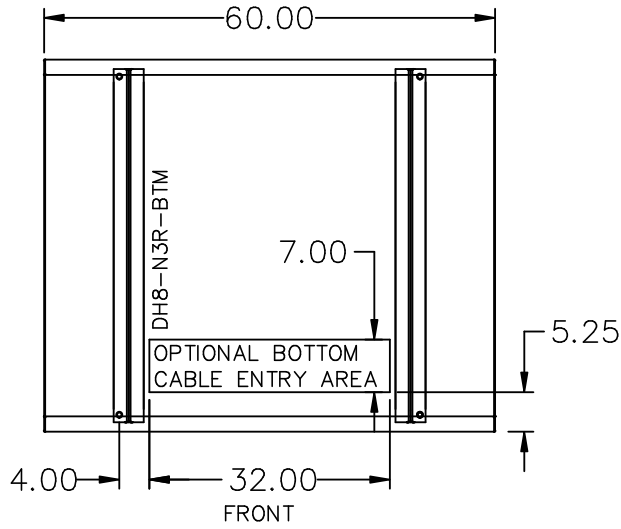
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SHEET 2 OF 3

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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



TITLE: 3PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

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SHEET 3 OF 3

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