



TITLE: 3PH DISTRIBUTION TRANSFORMER.
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	SCALE:
5	26/03/11	DC	ADDED LV/HV AMPS	DES: ASETH
4	21/07/16	PP	EDB UPDATE	DATE: 16/02/18
				SCALE: NTS

SHEET 1 OF 3

EDBSG3A0500DK

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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. **SG3A0500DK**

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

Energy
Regulations

Reglements
de
Énergétique

3

K

ANN

500

150 °C

220 °C

AL

60

6.3

3R

3000/1361

480Y/277V 601A

10 kV

H0 H1 H2 H3

240V 1203A

10 kV

X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

3

K

ANN

500

150 °C

220 °C

AL

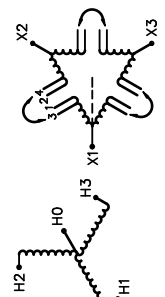
60

6.3

3R

3000/1361

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
252	1146	105	1-2
246	1203	100	2-3
228	1266	95	3-4



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

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

0000186hb



LISTED

DRY TYPE
DISTRFORMER
77US
E112313

LR 3902

0342312768 8

ALSO REFER TO THE LISTING
TO ENERGY LISTING AND CATALOG
BY UNDERWRITERS LABORATORIES INC. 03168

FRONT VIEW



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

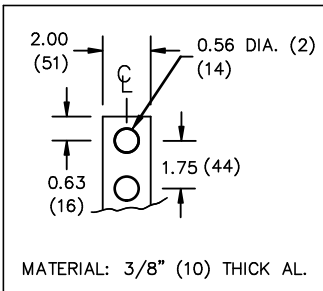
SIDE VIEW



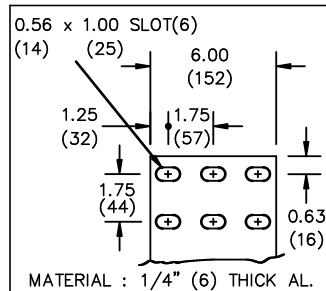
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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

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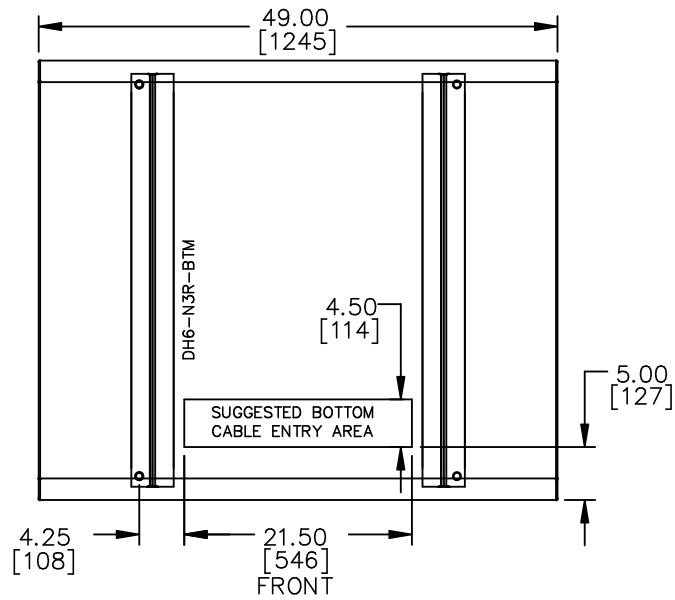
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ENCLOSURE BOTTOM VIEW



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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