

- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: DCORTEZ
2	21/07/16	PP	EDB UPDATE	DATE: 19/02/01
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSG3A1000KY

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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. **SG3A1000KY**

Serial No. [] No. de Serie []

Phase 3 HV/HT 480V 1203A

Type K BIL 10 kV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 1000 LV/BT 390Y/225V 1480A

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X0 X1 X2 X3

Winding Enroulement AL Energy Regulations DOE 10 CFR PART 431:2016

Frequency Reglements de l'Energétique 60 CEE ACT SOR/2018-201

Impedance % @ 170 °C 4.9

Encl. Type Type de Coffrage 3R

Weight Poids lbs 6200

DRY TYPE TRANSFORMER 8003423112803 6
E112313 ALSO REFER TO CATALOGUE 15-18
BY UNDERWRITERS LABORATORIES INC. @ 3148

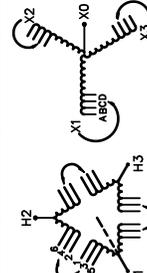
LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES
ESPACEMENTS ENTRE LES PANNEAUX DE BOTTIER VENTILE ET LES MURS ADJACENT DOVENT ÊTRE UN MINIMUM DE 12 POUNCES

RATOR ERROR +/- 1.1% MAXIMUM AT SOME SECONDARY TAPS
ONLY ONE LV TAP IN USE AT A TIME

FOR DESIRED SECONDARY TAP VOLTAGE RE-LOCATE PROVIDED TERMINATION PADS

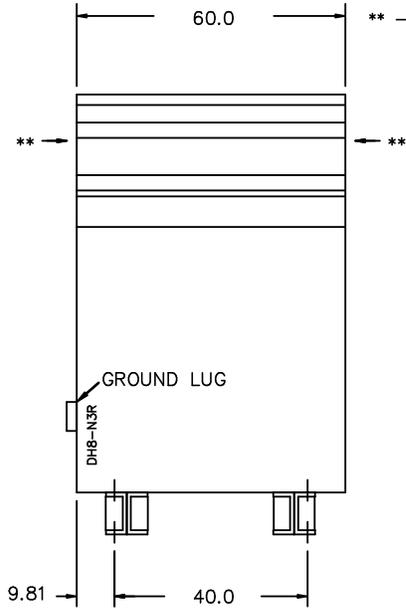
VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
509	1135	106	1-2
494	1168	103	2-3
480	1203	100	3-4
466	1240	97	4-5
452	1278	94	5-6
SECONDARY			A
440	1312		B
416	1388		C
390	1480		D
370	1560		



SEISMIC QUALIFICATIONS, AS FLOOR MOUNT ONLY
QUALIFICATIONS SISMES, COME MONTAGE AU SOL SEULEMENT
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

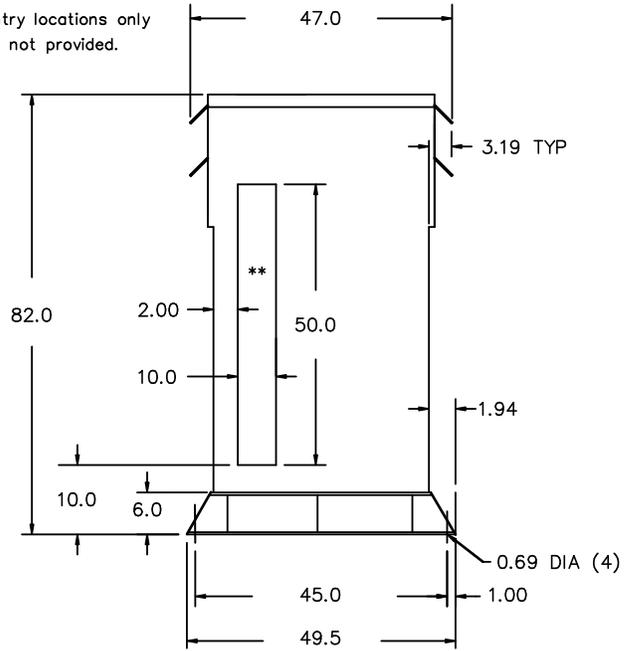
d000186hb

FRONT VIEW



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

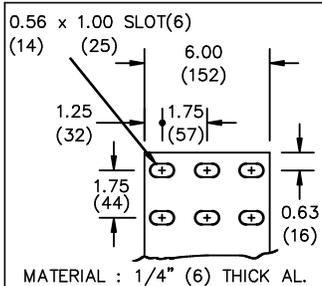
SIDE VIEW



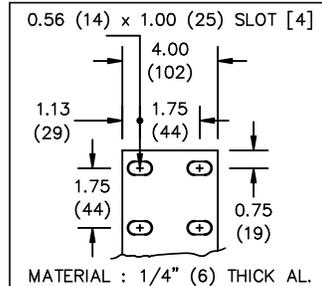
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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

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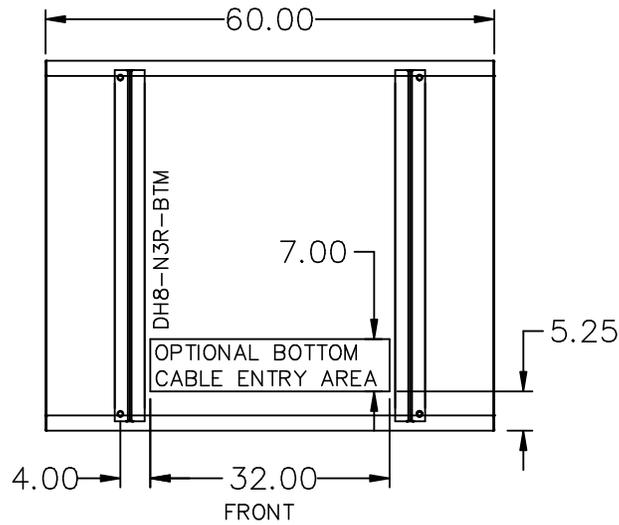
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ENCLOSURE BOTTOM VIEW



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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