



TITLE: 3PH DISTRIBUTION TRANSFORMER.
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	DES:	SCALE:
5	24/06/13	DC	ADDED LV AMPS(HCN:81122)	RBHATIA	NTS
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DATE: 16/09/19	

SHEET 1 OF 3

EDBSG3A1000PK

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THIS DRAWING CONTAINS STRICKLY 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. **SG3A1000PK**

hammond LR 3902
DRY TYPE
77US
E112313

8 03423 1285Z 4
ALSO REFER TO ENERGY STANDARDS C900-18
BY UNDERWRITERS LABORATORIES INC. 0198

LISTED

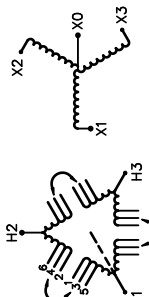
0000186hb

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

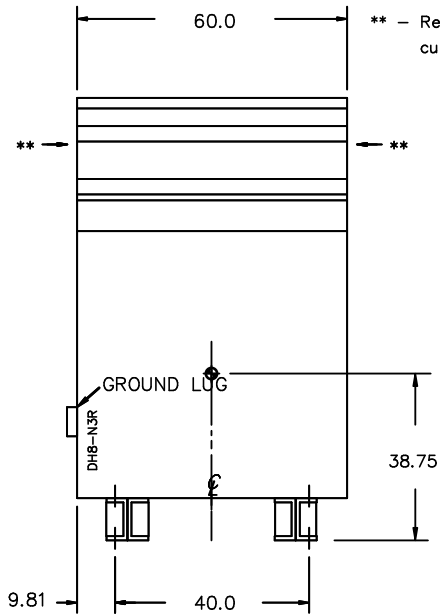
Cust. Ref. Ref. du Client	Serial No. No. de Serie		
Phase	HV/HT	600V	962A
Type	BIL	10 kV	
Cooling Refroidissement	Term Bornes	H1 H2 H3	
kVA	LV/BT	480Y/277V	1203A
Temp. Rise Échauffement	BIL	10 kV	
Temp Class Classe Temp	Term Bornes	X0 X1 X2 X3	
Winding Enroulement	Energy Regulations	DOE 10 CFR PART 431:2016	
Frequency Hz	Reglements Énergétique	CEE ACT SOR/2018-201	
Impedance % @ 170°C			
Encl. Type Type de Coffrage			
Weight lbs/kg Poids		5600/2541	

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	916	105	1-2
615	939	102.5	2-3
600	962	100	3-4
585	987	97.5	4-5
570	1013	95	5-6

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

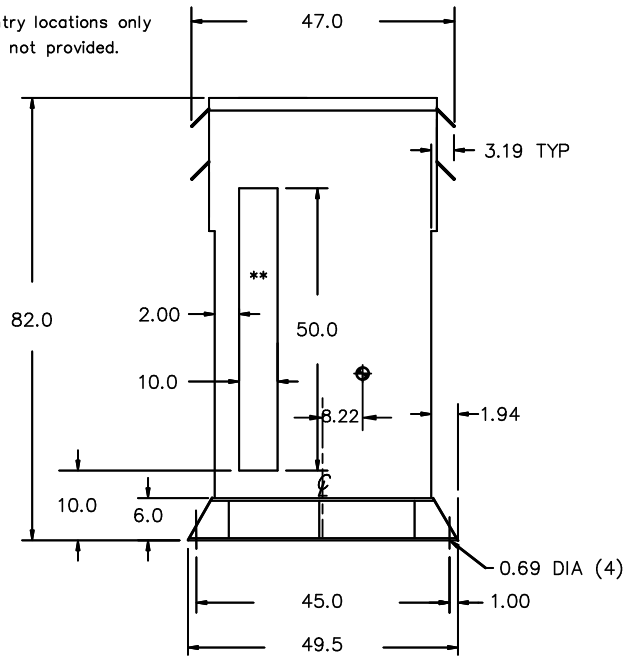


FRONT VIEW



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

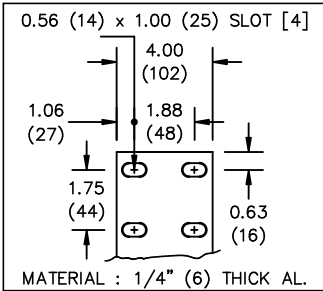
SIDE VIEW



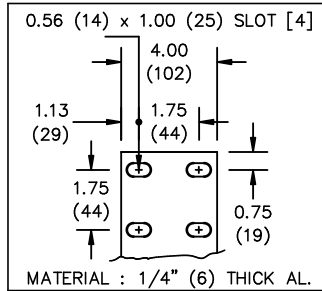
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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



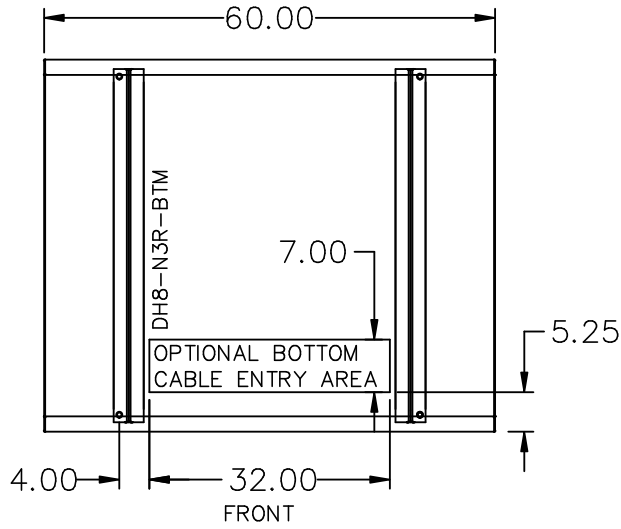
TITLE: 3PH DISTRIBUTION TRANSFORMER.

5	24/06/13	DC	ADDED LV AMPS(HCN: 81122)	DES: RBHATIA
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DATE: 16/09/19
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SHEET 2 OF 3

EDBSC3A1000PK

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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