



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

4	21/07/16	PP	EDB UPDATE	DES: RBHATIA
3	20/03/17	PP	SEISMIC UPDATE	DATE: 15/12/22
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSK3A0500KB3S

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POWER SOLUTIONS

Guelph, ONT
Compton, CA

Hyderabad, IN

HPS Sentinel™ K

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI
Monterrey, MX

Part No. SK3A0500KB3S



LR 3902

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERMETERS LABORATORIES INC. 3106

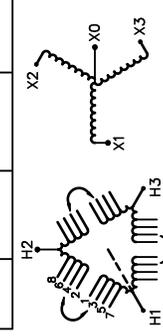
LISTED

VOLTS	CURRENT COURANT	% RATED VOLTAGE / % NOMINALE	CONNECTION / CONNECTION PAR PHASE
504	573	105	1-2
492	587	102.5	2-3
480	601	100	3-4
468	617	97.5	4-5
456	633	95	5-6
444	650	92.5	6-7
432	668	90	7-8

Serial No. No. de Serie	
HV/HT	480V
BIL	10 kV
Term Bornes	H1 H2 H3
LV/BT	208Y/120V
BIL	10 kV
Term Bornes	X0 X1 X2 X3
Energy Regulations Réglements Énergétique	DOE 10 CFR PART 431:2016
CEE ACT SOR/2018-201	

Cust. Ref. Ref. du Client	
Phase	3
Type	K
Cooling Refroidissement	ANN
kVA	500
Temp. Rise Echauffement	150 °C
Temp Class Classe Temp	220 °C
Winding Enroulement	AL
Frequency Fréquence Hz	60
Impedance % @ 170 °C	6.2
Encl Type Type De Coffrage	3R
Weight Poids lbs	3000

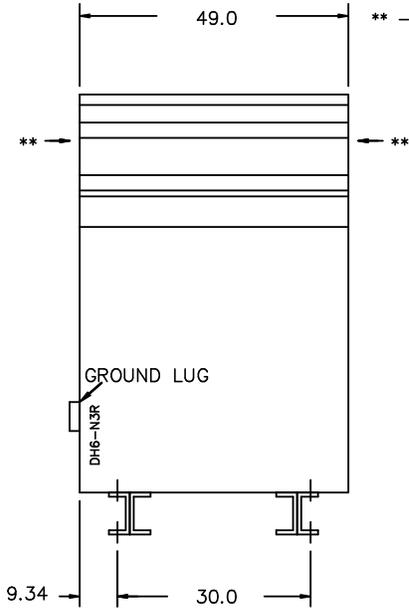
Spacings between any ventilated enclosure panel and any adjacent wall shall be a minimum of 12 inches Electrostatic Shield



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

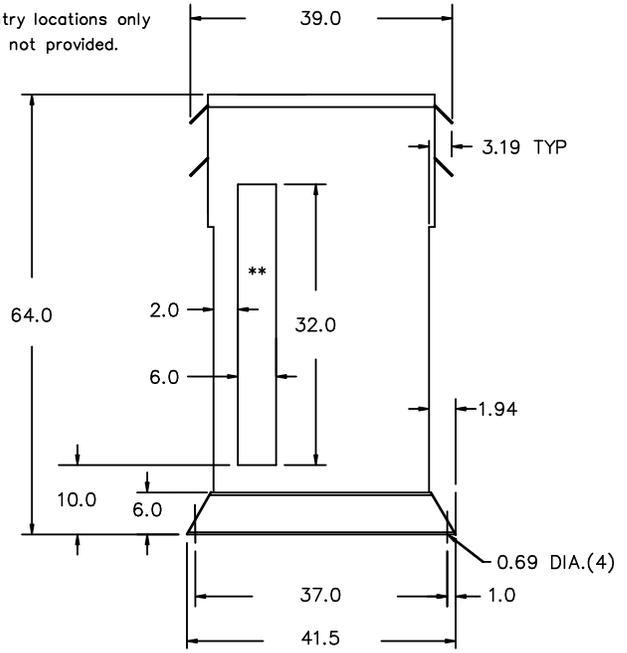
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FRONT VIEW



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

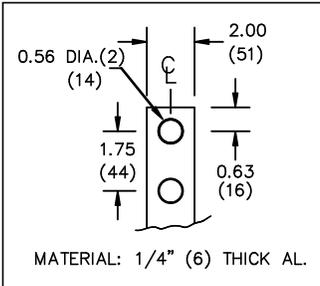
SIDE VIEW



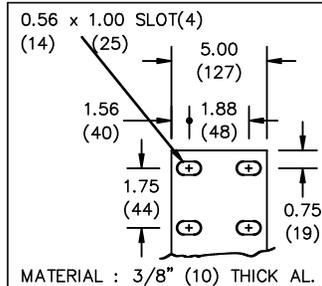
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

H.V.1. TERMINAL DETAIL



L.V.1. TERMINAL DETAIL



CUSTOMER NOTES:

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

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



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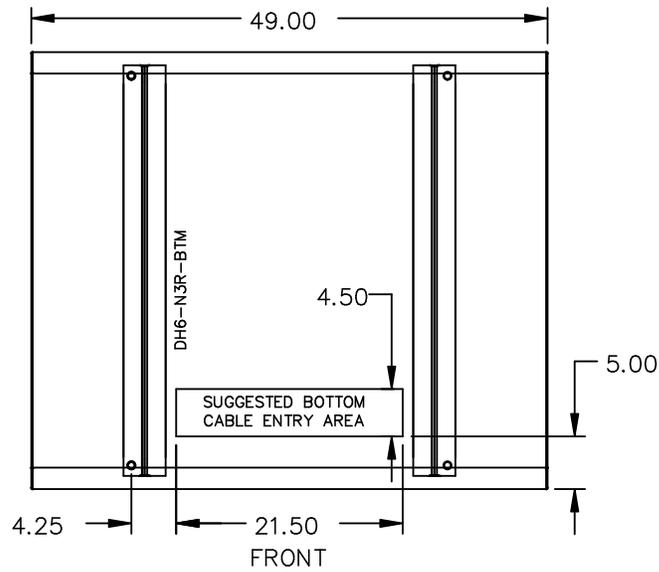
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ENCLOSURE BOTTOM VIEW



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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