



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: MABDELAT
1	20/03/17	PP	SEISMIC UPDATE	DATE: 17/07/05
				NTS

SHEET 1 OF 3

EDB SK3A0750KB3S

**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. SK3A0750KB3S

LR 3902

DRY TYPE TRANSFORMER E112313

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

**LISTED**

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
504	859	105	1-2
492	880	102.5	2-3
480	902	100	3-4
468	925	97.5	4-5
456	950	95	5-6
444	975	92.5	6-7
432	1002	90	7-8

Serial No. No. de Serie	
HV/HT	480V 902A
BIL	10 kV
Term Bornes	H1 H2 H3
LV/BT	208Y/120V 2082A
BIL	10 kV
Term Bornes	X0 X1 X2 X3
Energy Regulations Energetique	DOE 10 CFR PART 431:2016
CEE ACT SOR/2018-201	

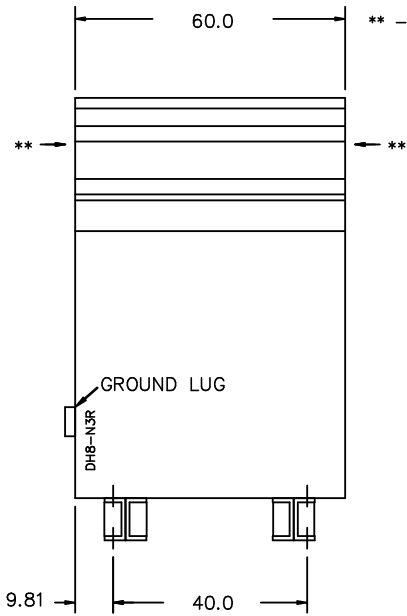
Cust. Ref. Ref. du Client	
Phase	3
Type	K
Cooling Refroidissement	ANN
kVA	750
Temp. Rise Echauffement	150 °C
Temp Class Classe Temp	220 °C
Winding Enroulement	AL
Frequency Fréquence Hz	60
Impedance % @ 170 °C	4.6
Encl Type Type De Coffrage	3R
Weight Poids lbs	5400

Suitable for non-sinusoidal current load with K-factor not to exceed 13  
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 13

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

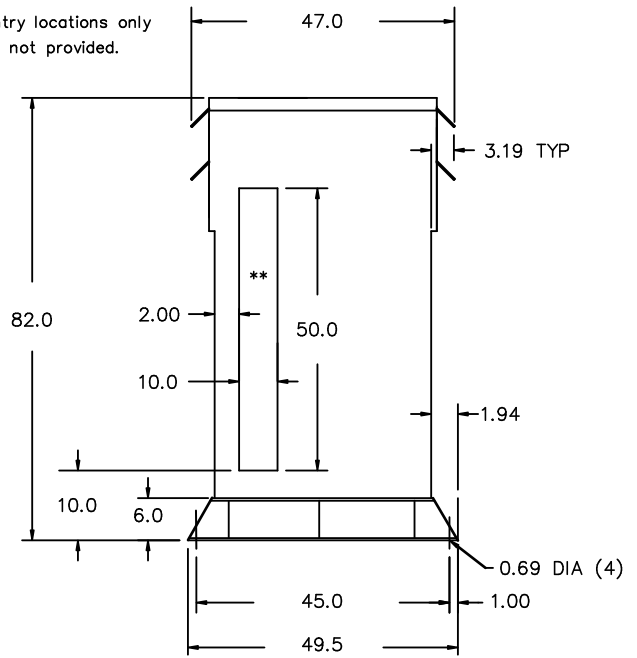
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FRONT VIEW



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

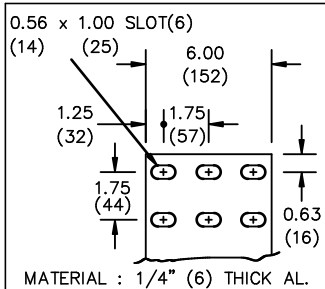
SIDE VIEW



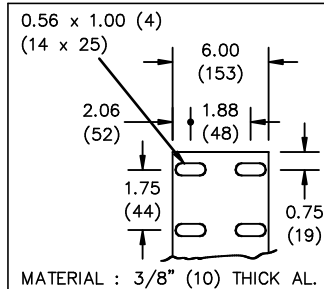
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

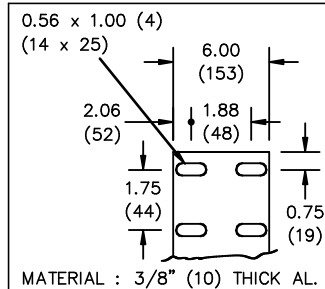
HV TERMINAL DETAIL



LV TERMINAL DETAIL



X0 TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- C/W 200% RATED NEUTRAL
- C/W (2) X0 PADS - DISTRIBUTE CABLES EVENLY AMONG BOTH

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



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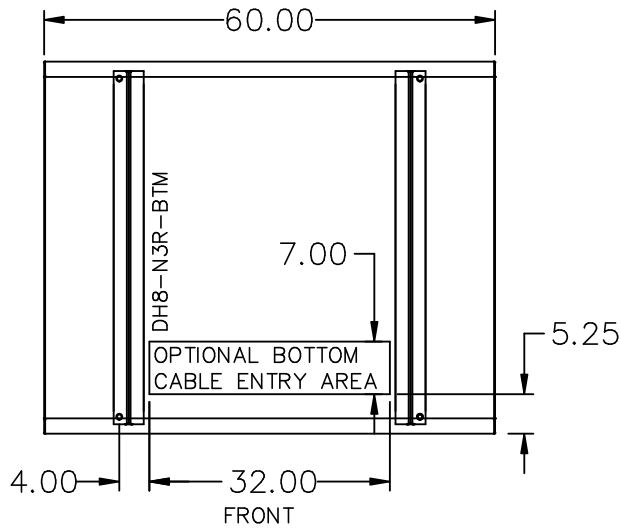
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ENCLOSURE BOTTOM VIEW



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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 ENCLOSURE BOTTOM VIEW

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