



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	DES: PPICASSI
				DATE: 24/05/10
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A1000PK9S

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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  
Compton, CA

**HPS Sentinel™ K**  
Energy Efficient Distribution Transformer  
Transformateur de Distribution à Bon Rendement Énergétique  
Baraboo, WI  
Monterrey, MX

Part No. **SK3A1000PK9S**

Cust. Ref.

Phase

Type

Cooling

kVA

Temp. Rise

Temp Class

Winding

Frequency

Impedance %

Encl Type

Weight lbs/kg

Serial No.

HV/HT

BIL

Term Bornes

LV/BT

BIL

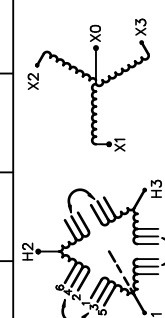
Term Bornes

Energy Regulations

Reglements Energetique



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

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION 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



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

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

DRY TYPE TRANSFORMER  
E112313  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 BY UNDERMETERS LABORATORIES INC. 316

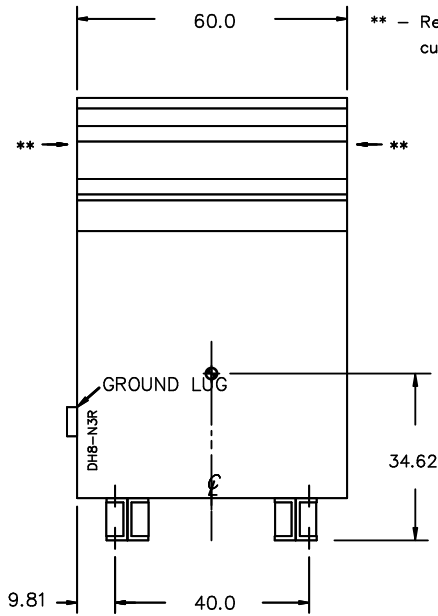
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LR 3902

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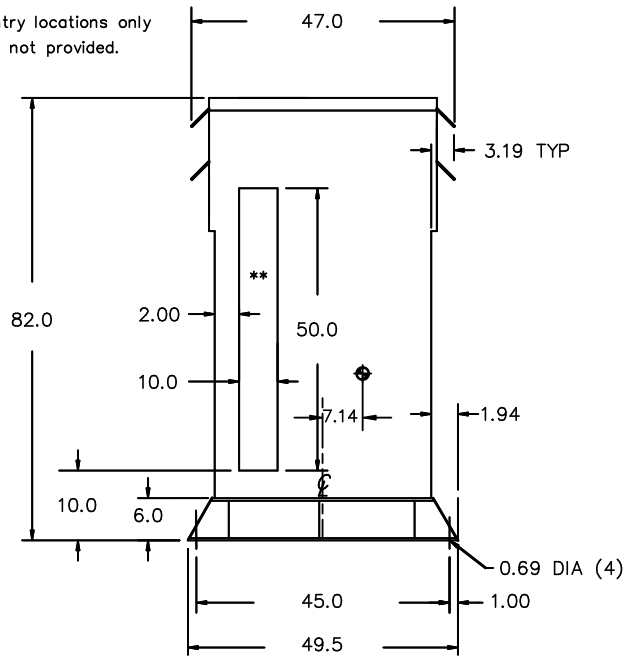
d000187hb

FRONT VIEW



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

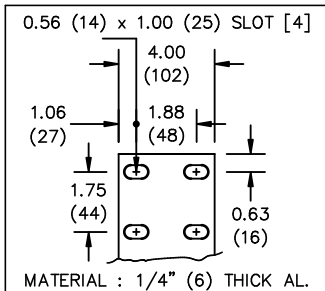
SIDE VIEW



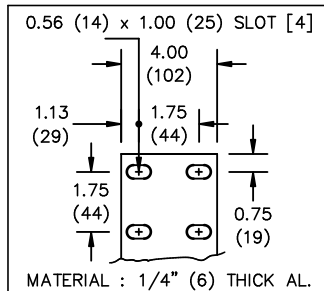
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL XO HAS TWO TERMINALS, DIVIDE CABLES EVENLY



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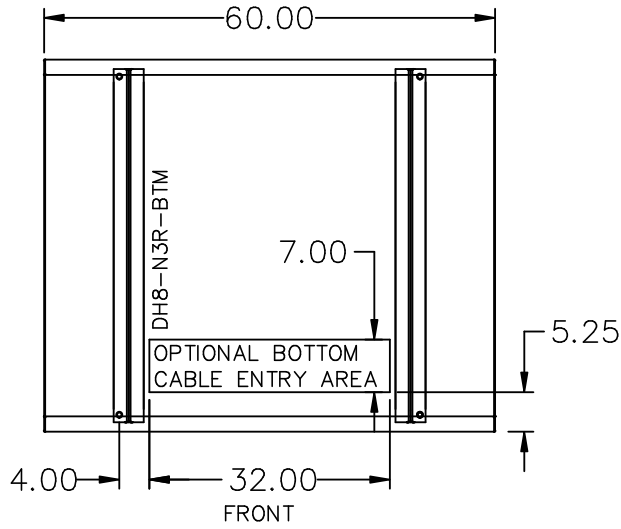
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ENCLOSURE BOTTOM VIEW



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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