



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE
			DES: RBHATIA
			DATE: 16/02/16
			SCALE: NTS

SHEET 1 OF 3

EDB SG3A0750KKOC

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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

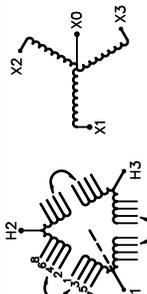
Part No. **SG3A0750KKOC**

UL LR 3902
DRY TYPE DISTRIBUTION TRANSFORMER
E112313
UL LISTED

8 034231728210
ALSO REFER TO THE UL LISTING FOR THE ENERGY STANDARDS CR021-18
BY UNDERWRITERS LABORATORIES INC. @ 316

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	480V	VOLTS	CONNECTION EACH PHASE CONNEXION PAR PHASE
Phase	3	BIL	10 kV	504 492 480	1-2 2-3 3-4
Type	K	Term Bornes	H1 H2 H3	859 880 902	4-5 5-6 6-7
Cooling Refrondissement	ANN	LV/BT	480Y/277V	925 950 975	7-8
kVA	750	BIL	10 kV	444 432	
Temp. Rise Échauffement	150 °C	Term Bornes	X0 X1 X2 X3	1002	
Temp Class Classe Temp	220 °C	Energy Regulations Règlements de l'Énergétique	DOE 10 CFR PART 431:2016		
Winding Enroulement	CU	Frequency Hz	CEE ACT SOR/2018-201		
Impedance % @ 170 °C	5.4	Encl. Type Type de Coffrage			
Weight Poids	4200 lbs				

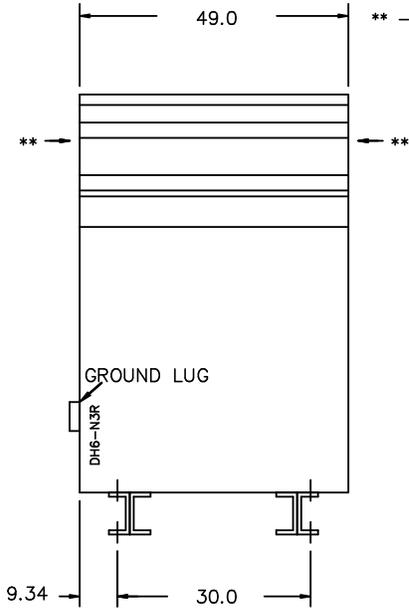
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES



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

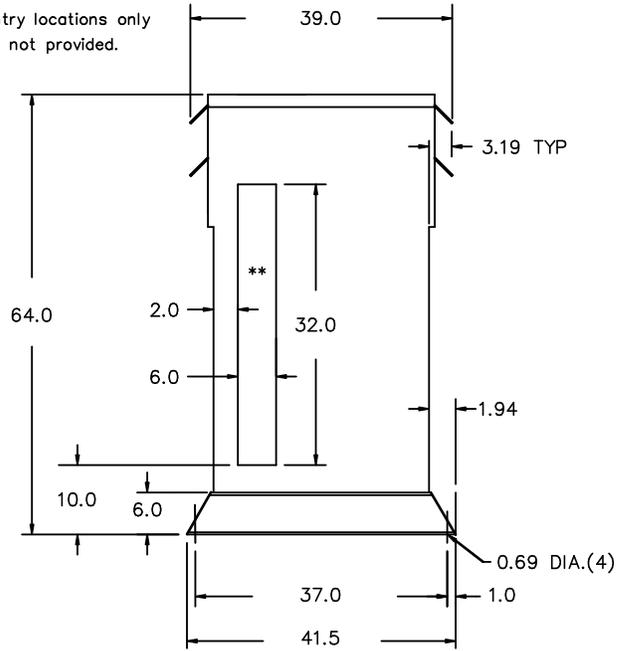
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FRONT VIEW



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

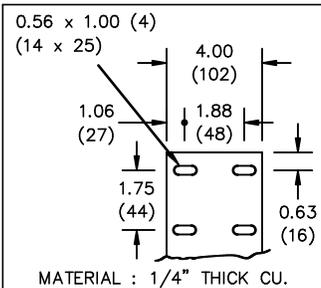
SIDE VIEW



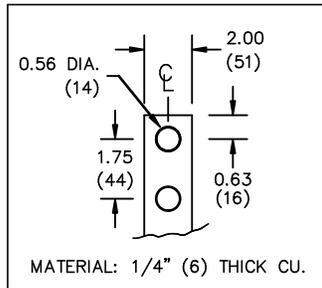
All Dimensions in inches

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



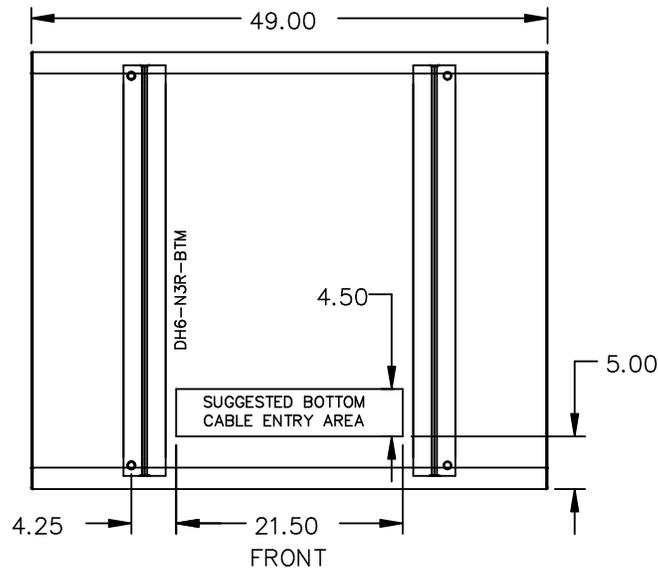
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ENCLOSURE BOTTOM VIEW



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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