



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: MABDELAT
			DATE: 17/03/28
			SCALE: NTS

SHEET 1 OF 3

EDBSC3A0750BKOC

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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. **SG3A0750BKOC**

Serial No. [ ]  
No. de Serie [ ]

Phase **3** HV/HT

Type **K** BIL

Cooling **ANN** Term Bornes

kVA **750** LV/BT

Temp. Rise **150 °C** BIL

Temp Class **220 °C** Term Bornes

Winding **CU** Energy Regulations

Frequency **60** Reglements de

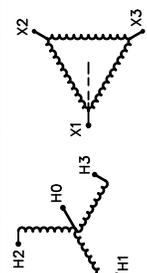
Impedance % **5.2** Énergétique

Encl. Type **3R**

Weight **4350** lbs

Poids

VOLTS	CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
480Y/277V	902A	10 kV	
		H0 H1 H2 H3	
		208V	2082A
		10 kV	
		X1 X2 X3	
		DOE 10 CFR PART 431:2016	
		CEE ACT SOR/2018-201	



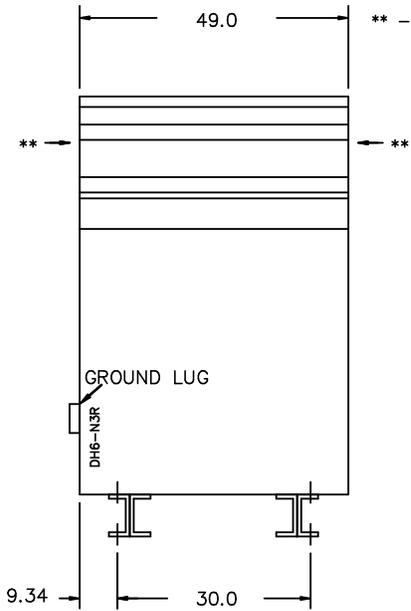
SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=0 Ip=1.5

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

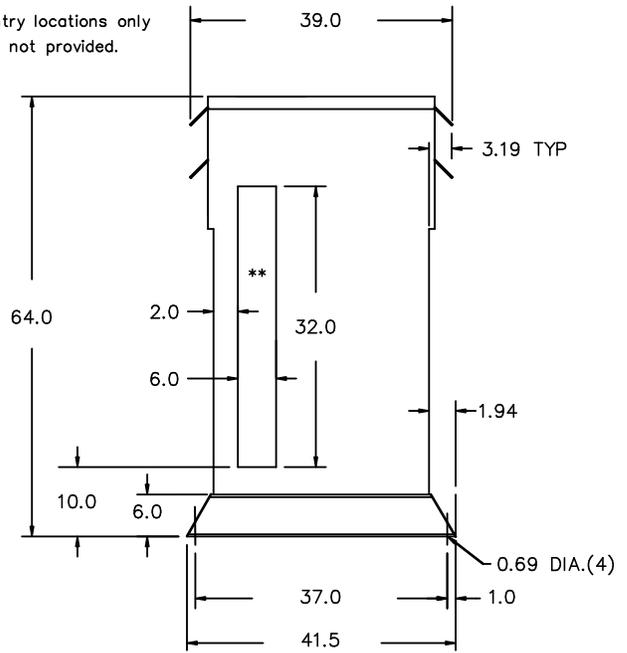
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FRONT VIEW



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

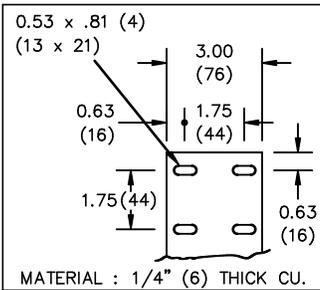
SIDE VIEW



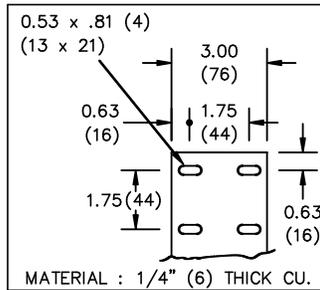
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

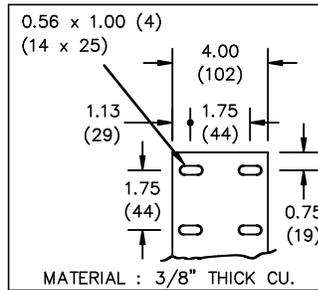
HV TERMINAL DETAIL



HO TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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



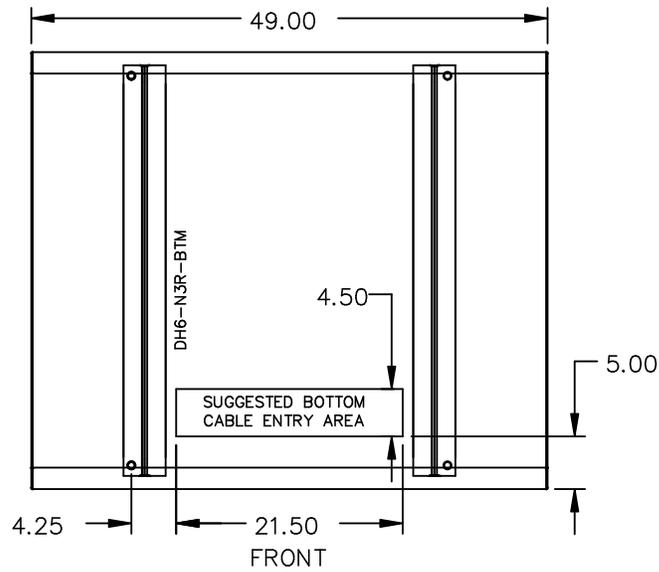
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SHEET 2 OF 3

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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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