



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES:	SCALE:
2	21/07/16	PP	EDB UPDATE	ASETH	NTS
1	17/04/03	JW	ADDED ENCL BOTTOM DRAWING	DATE: 15/11/23	

SHEET 1 OF 3

EDBMG3A0300SPSAHCO

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

**hammond**  
POWER SOLUTIONS

Distribution Transformer  
Transformateur de Distribution

LR 3902  
DISTRIBUTION TRANSFORMER  
E147879

Hyderabad, IN    Guelph, ONT    Baraboo, WI  
Compton, CA    Monterrey, MX

Part No. MG3A0300SPSAHCO

8 03423 13284 2  
ALSO VERIFIED IN ACCORDANCE  
TO ENERGY STANDARD C802.2-18  
BY UNDERWRITERS LABORATORIES INC. 316

Cust. Ref. [ ]    Serial No. [ ]  
Ref. du Client [ ]    No. de Serie [ ]

Phase 3    HV/HT 41.6A

Type K    BIL 30 kV

Cooling ANN    Term Bornes H1 H2 H3

kVA 300    LV/BT 600Y/346V 289A

Temp. Rise 150 °C    BIL 10 kV

Temp Class 220 °C    Term Bornes X0 X1 X2 X3

Winding AL    Energy Regulations DOE 10 CFR PART 431:2016

Frequency 60    Reglements CEE ACT SOR/2018-201

Impedance % 4.4    @ 170 °C

End. Type/Category 3R C

Weight lbs/kg 1960/890

VOLTS 4368  
4264  
4160  
4056  
3952

CURRENT COURANT 39.7  
40.6  
41.6  
42.7  
43.8

% RATED VOLTAGE NOMINALE 105  
102.5  
100  
97.5  
95

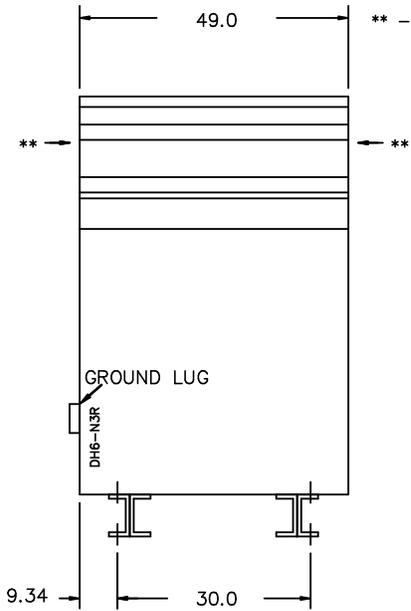
CONNECTION FOR CONNECTION PAR PHASE 1-2  
2-3  
3-4  
4-5  
5-6

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 5 INCHES

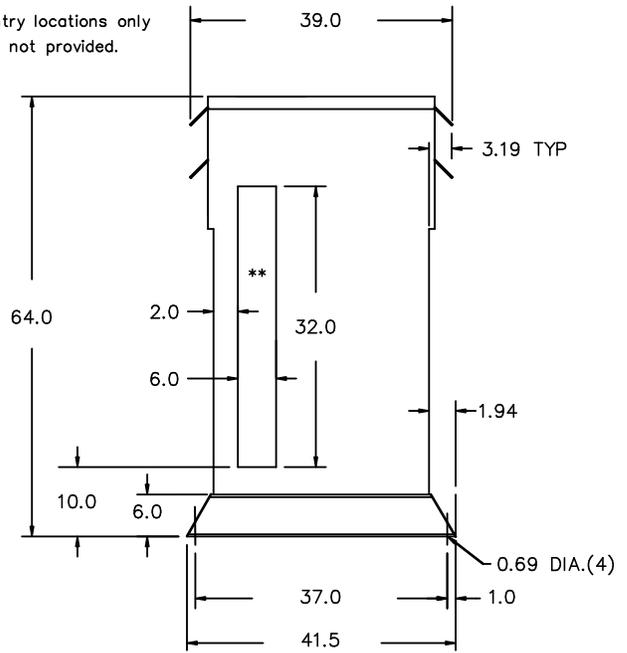
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FRONT VIEW



\*\* - 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

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR #14-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 350MCM-6 CU/AL  
CONDUCTORS  
2 CONDUCTORS PER PHASE

CUSTOMER NOTES:

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



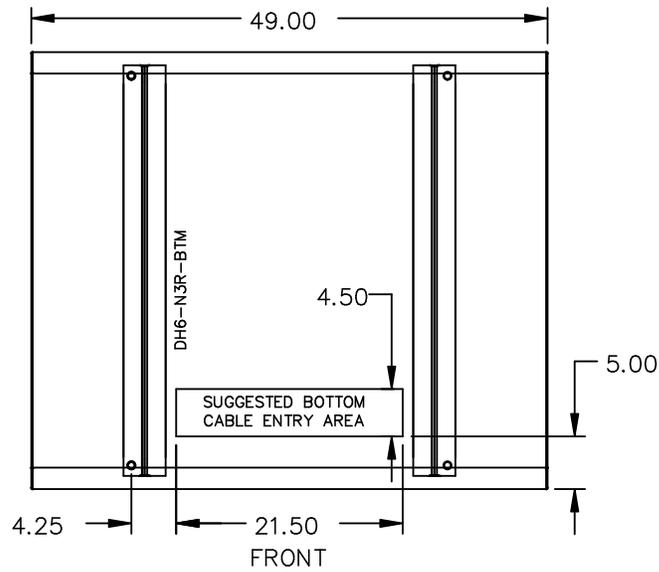
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ENCLOSURE BOTTOM VIEW



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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