



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: ASETH
3	21/07/16	PP	EDB UPDATE	DATE: 16/01/31
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBMG3A0500SBSCHCO

4.1 httpd 2026/06/03 08:28

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

ALSO VERIFIED IN ACCORDANCE  
TO ENERGY STANDARD C802.2-18  
BY UNDERWRITERS LABORATORIES INC. 3106

**LISTED**

Hyderabad, IN    Guelph, ONT    Baraboo, WI    Spacings between any ventilated enclosure panel and any adjacent wall shall be a minimum of 12 inches

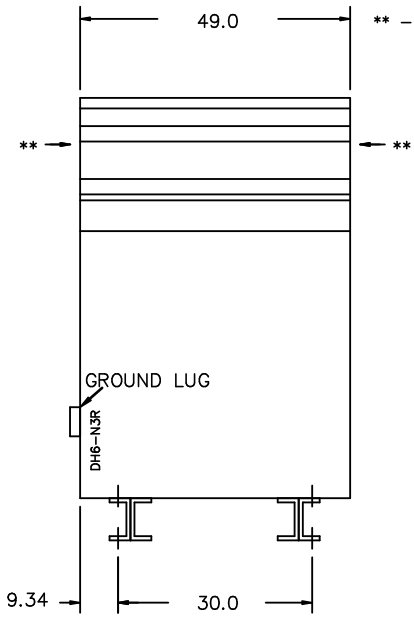
Compton, CA    Monterrey, MX    Part No. MG3A0500SBSCHCO

Cust. Ref.	Serial No.	HV/HT	VOLTS	% RATED VOLTAGE / % NOMINALE	CONNECTION FOR CONNECTION PAR PHASE
3	K	4160V	4368	105	1-2
Type	BIL	30 kV	4264	102.5	2-3
Cooling Refroidissement	ANN	H1 H2 H3	4160	100	3-4
kVA	500	LV/BT	4056	97.5	4-5
Temp. Rise Echauffement	150 °C	BIL	3952	95	5-6
Temp Class	220 °C	Term Bornes			
Winding Enroulement	CU	DOE 10 CFR PART 431:2016			
Frequency	60	CEE ACT SOR/2018-201			
Impedance % @ 170 °C	4.8				
End. Type/Category Type ou categorie de boitier	3R				
Weight Poids	3150/1429				

SEISMIC QUALIFICATIONS, OSP-0136-10  
IBC 2012/ASCE 7-10  
SDS<=2.0g Z/h=1  
FLOOR MOUNT ONLY

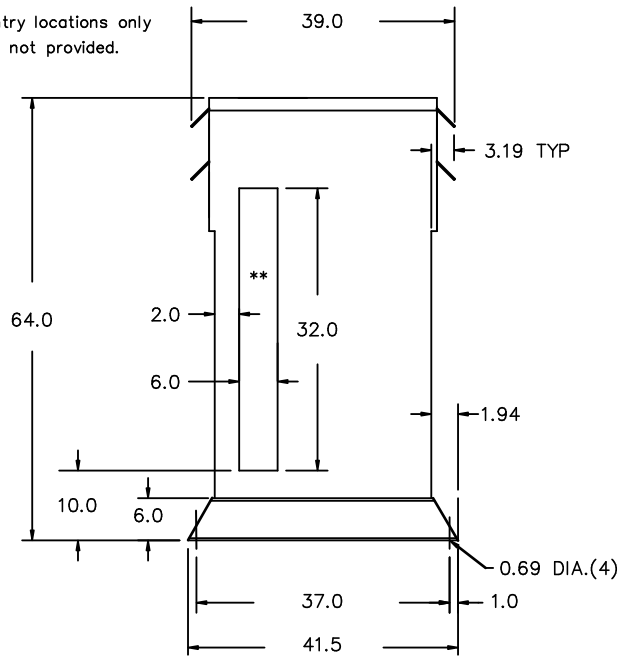
d000590hb

FRONT VIEW



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

SIDE VIEW



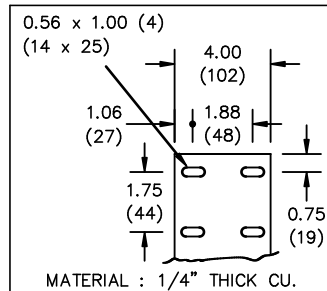
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR #2/0-14 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE



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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