



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: DCORTEZ
1	20/03/17	PP	SEISMIC UPDATE	DATE: 19/05/29
				SCALE: NTS

SHEET 1 OF 3

EDBMG3A0500RBSAHC0

2.1 httpd 2026/06/03 16:27

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. MG3A0500RBSAHC0

03423 13358 0
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 []

HV/HT 2400V 120A

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

Phase 3

BIL 20 kV

CONNECTION POINTS FOR CONNECTIONS PER PHASE

Type K

Term Bornes H1 H2 H3

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION POINTS FOR CONNECTIONS PER PHASE
2520	115	105	1-2
2460	117	102.5	2-3
2400	120	100	3-4
2340	123	97.5	4-5
2280	127	95	5-6

Cooling Refroidissement ANN

LV/BT 208Y/120V 1388A

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

kVA 500

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Temp Class Classe Temp 220 °C

HT1 HT2 HT3

Winding Enroulement AL

Term Bornes X0 X1 X2 X3

DOE 10 CFR PART 431:2016

Frequency Fréquence Hz 60

Energy Regulations Réglements de l'Energetique

CEE ACT SOR/2018-201

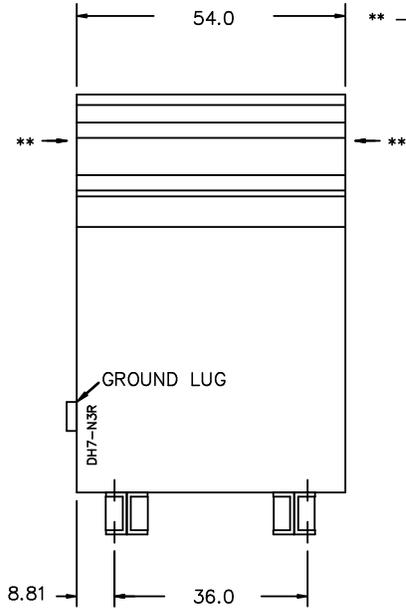
Impedance % @ 170 °C 5.6

End. Type/Category Type ou catégorie de boîtier 3R C

Weight Poids 3100

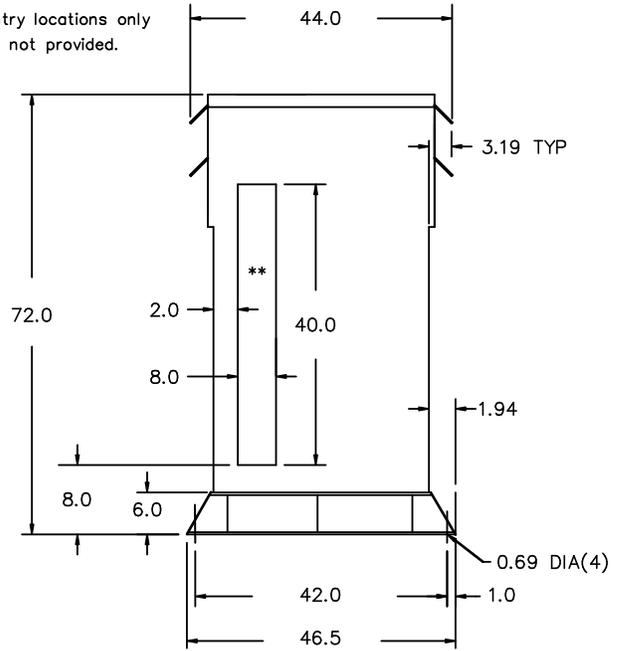
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FRONT VIEW



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

SIDE VIEW



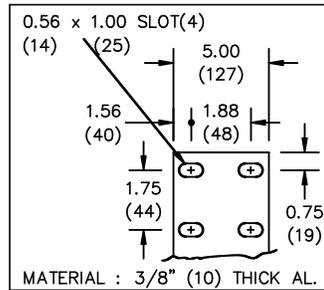
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

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



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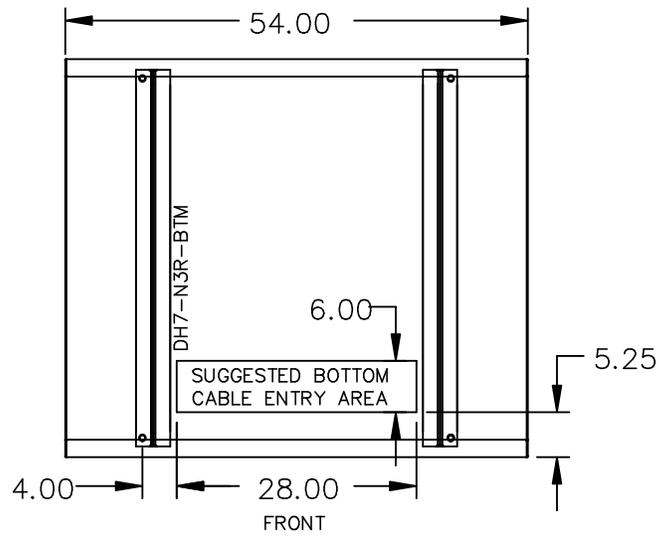
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ENCLOSURE BOTTOM VIEW



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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