



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

4	21/07/16	PP	EDB UPDATE	DES: RBHATIA
3	20/03/17	PP	SEISMIC UPDATE	DATE: 16/01/11
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBMG3A0500SBSAHCO

4.1 http 2026/04/02 20:09

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 03423 13287 3
Compton, CA Monterrey, MX Part No. MG3A0500SBSAHCO

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

Phase [3] HV/HT [4160V]

Type [K] BIL [30 kV]

Cooling [ANN] Term [H1 H2 H3]
Refrondissement [] Bornes []

kVA [500] LV/BT [208Y/120V 1388]

Temp. Rise [150 °C] BIL [10 kV]
Echauffement [] []

Temp Class [220 °C] Term [X0 X1 X2 X3]
Classe Temp [] Bornes []

Winding [AL] Energy [DOE 10 CFR PART 431:2016]
Enroulement [] Regulations []

Frequency [60] Reglements [CEE ACT SOR/2018-201]
Frequence Hz [] Energetique []

Impedance % [6.2]
@ 170 °C []

End. Type/Category [3R] C
Type ou categorie [] de boitier []

Weight [3100]
Poids [] lbs []

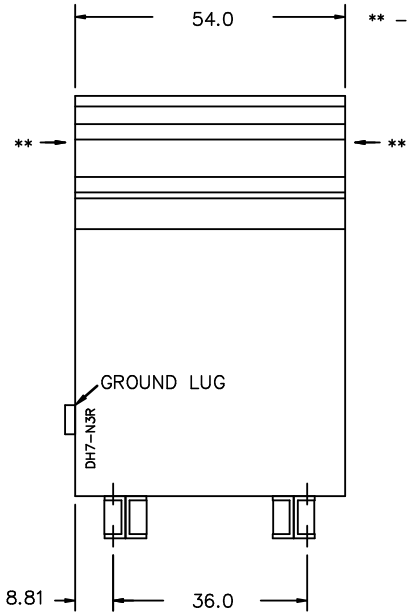
VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION CONNECTION PAR PHASE
4368	66.1	105	1-2
4264	67.7	102.5	2-3
4160	69.4	100	3-4
4056	71.2	97.5	4-5
3952	73.0	95	5-6

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 12 INCHES

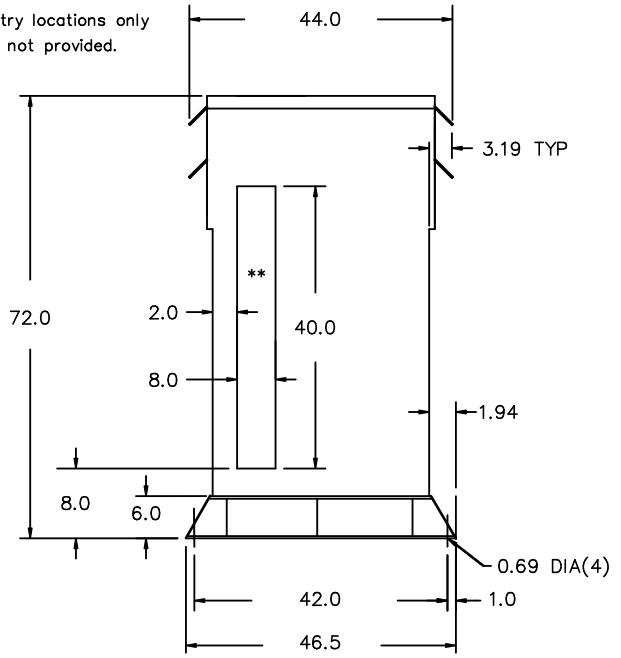
d000590hb

FRONT VIEW



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

SIDE VIEW



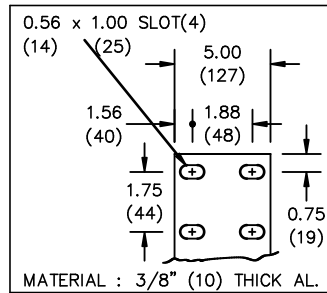
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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



CUSTOMER NOTES:

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



TITLE: 3PH DISTRIBUTION TRANSFORMER

4	21/07/16	PP	EDB UPDATE	DES: RBHATIA
3	20/03/17	PP	SEISMIC UPDATE	DATE: 16/01/11
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 2 OF 3

EDBMC3A0500SBSAHC0

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



TITLE: 3PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

4	21/07/16	PP	EDB UPDATE	DES: RBHATIA
3	20/03/17	PP	SEISMIC UPDATE	DATE: 16/01/11
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 3 OF 3

EDBMC3A0500SBSAHCO