hammond POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

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

Part No. MG3A0500SBSCHC0

LR 3902

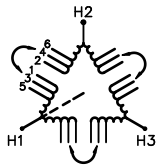
DISTRIBUTION TRANSFORMER
56Y1
E147879
LISTED

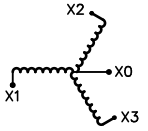
8 03423 13443 3

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	4160V
Type	K	BIL	30 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	500	LV/BT	208Y/120V,1388A
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220°C	Term / Bornes	X0 X1 X2 X3
Winding / Enroulement	CU	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018-201
Impedance % @ 170 °C	4.8		
Encl. Type/Category / Type ou categorie de boîtier	3R | C		
Weight / Poids lbs	3150/1429		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION 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





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

SEISMIC QUALIFICATIONS,OSP-0136-10
IBC 2012/ASCE 7-10
SDS<=2.0g Z/h=1 Ip=1.5
FLOOR MOUNT ONLY

d0005980b

hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE
3	21/07/16	PP	EDB UPDATE

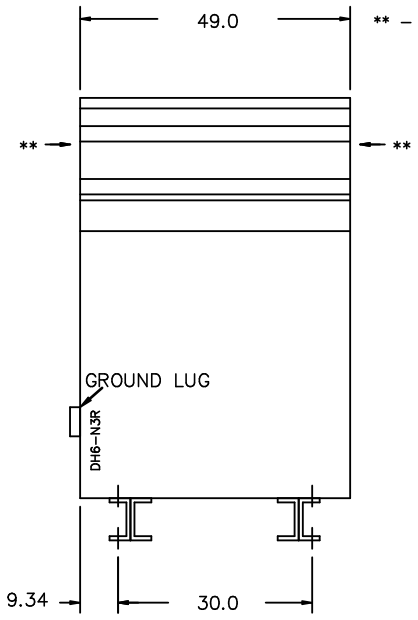
SCALE: NTS
DATE: 16/01/31
DES.: ASETH

SHEET 1 OF 3

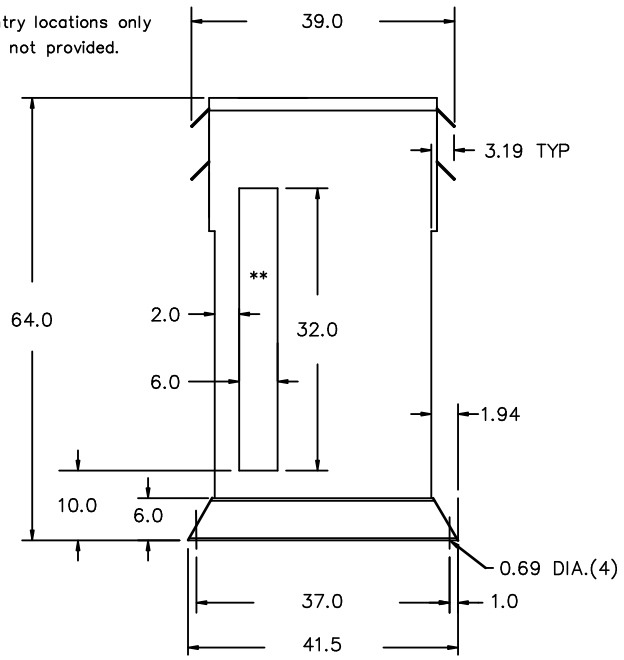
EDB MG3A0500SBSCHC0

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

FRONT VIEW



SIDE VIEW



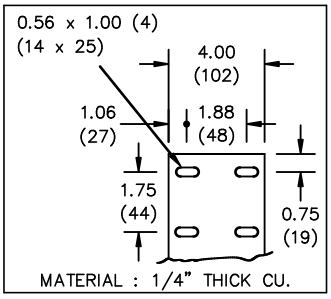
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

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

L.V.1. TERMINAL DETAIL



CUSTOMER NOTES:
– HV1 TERMINATED AT TOP FRONT
– LV1 TERMINATED AT BOTTOM FRONT

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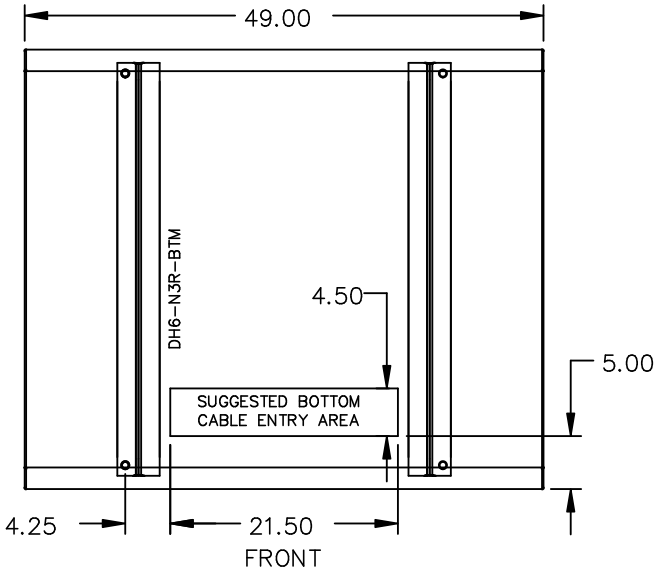
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DES: ASETH
DATE: 16/01/31
SCALE: NTS

EDB MG3A500SBSCH20

4.1 htpd 2026/11/05 03:08

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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DES: ASETH
DATE: 16/01/31
SCALE: NTS

SHEET 3 OF 3

EDBWG3ACGOSGSCH20