hammond POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

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

Part No. MG3A1000SPSCHC0

LR 3902

DISTRIBUTION TRANSFORMER
56Y1
E147879
LISTED

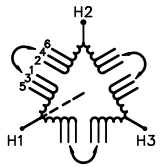
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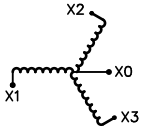
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC. 3VJ6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	4160V 139A
Type	K	BIL	30 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	1000	LV/BT	600Y/346V 962A
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	4.9		
Encl. Type/Category / Type ou categorie de boîtier	3R C		
Weight / Poids lbs	5750		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
4368	132	105	1-2
4264	135	102.5	2-3
4160	139	100	3-4
4056	142	97.5	4-5
3952	146	95	5-6

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





SEISMIC QUALIFICATIONS, AS FLOOR MOUNT ONLY
QUALIFICATIONS SISIQUES, COMME MONTAGE AU SOL SEULEMENT
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

d0005980b

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: 19/05/24 | DES.: DCORTEZ

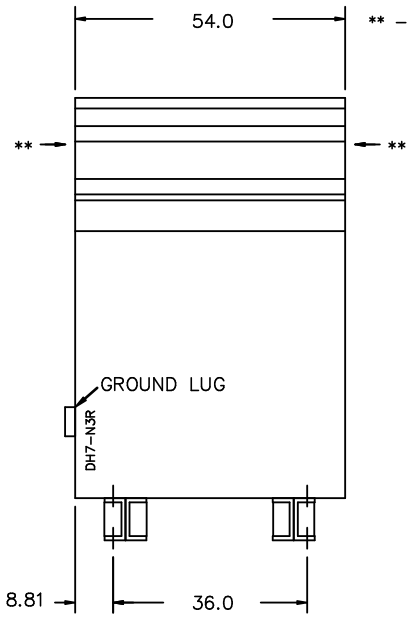
SHEET 1 OF 3

EDB MG3A1000SPSCHC0

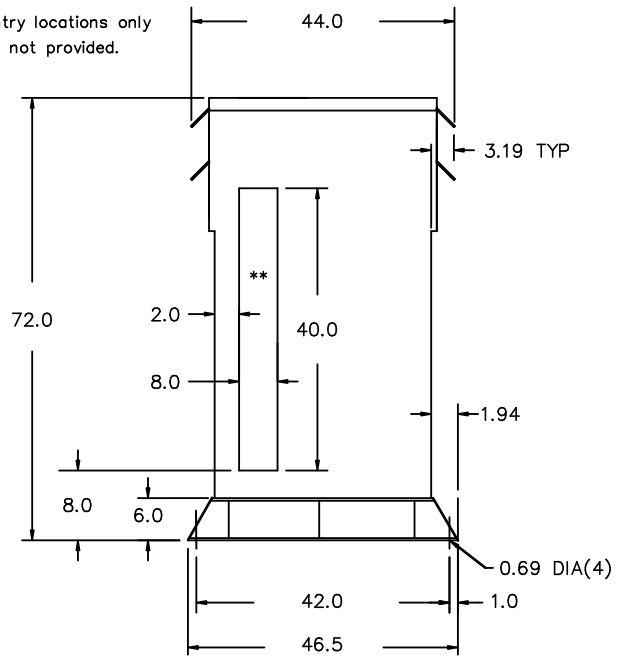
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



SIDE VIEW



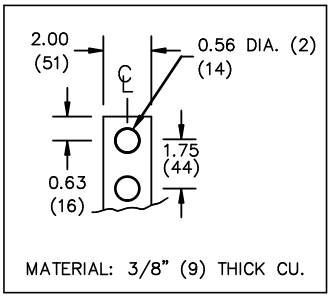
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

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

LV TERMINAL DETAIL



MATERIAL: 3/8" (9) THICK CU.

CUSTOMER NOTES:
– HV TERMINATED AT TOP FRONT
– LV TERMINATED AT BOTTOM FRONT

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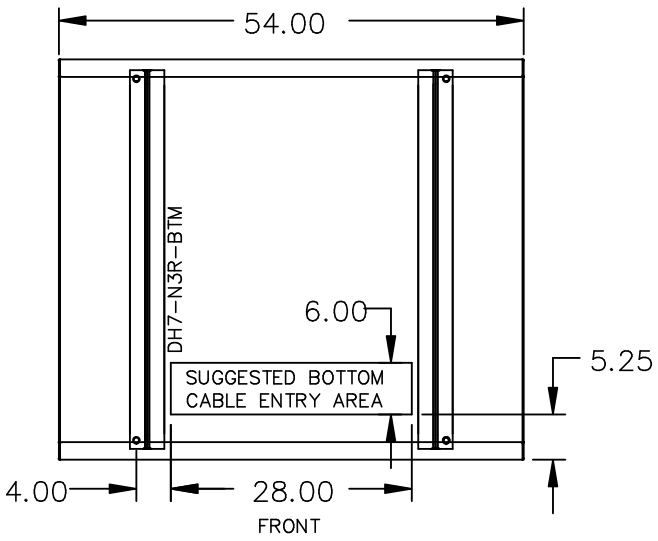
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SHEET 2 OF 3

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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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DES: DCORTEZ
DATE: 19/05/24
SCALE: NTS

SHEET 3 OF 3

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