hammond POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

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

Part No. MG3A1000SPSAHC0

LR 3902

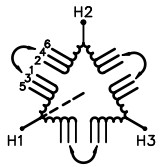
DISTRIBUTION TRANSFORMER
56Y1
E147879
LISTED

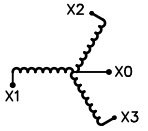
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-12

8 03423 13395 5

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	4160V
Type	K	BIL	30 kV
Cooling / Refroidissement	AA	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	AL	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2011-182
Impedance % @ 170 °C	5.7		
Encl. Type/Category / Type ou categorie de boîtier	3R C		
Weight / Poids lbs	7000		

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
ESPACEMENTS ENTRE LES PANNEAUX DE BOÎTIER VENTILÉ ET LES MURS ADJACENT DOIVENT ÊTRE UN MINIMUM DE 12 POUNCES
SEISMIC QUALIFICATIONS, FLOOR MOUNT ONLY
QUALIFICATIONS SISIQUES, MONTAGE AU SOL SEULEMENT
OSP-0136-10 IBC 2012/ASCE 7-10
SDS<=2.0G Z/H=1 IP=1.5

d0005980b

- IMPEDANCE SHOWN IS CALCULATED VALUE

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TITLE: 3PH POWER TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	17/04/03	JW	ADDED ENCL BOTTOM DRAWING

SCALE: NTS
DATE: 15/11/23
DES.: ASETH

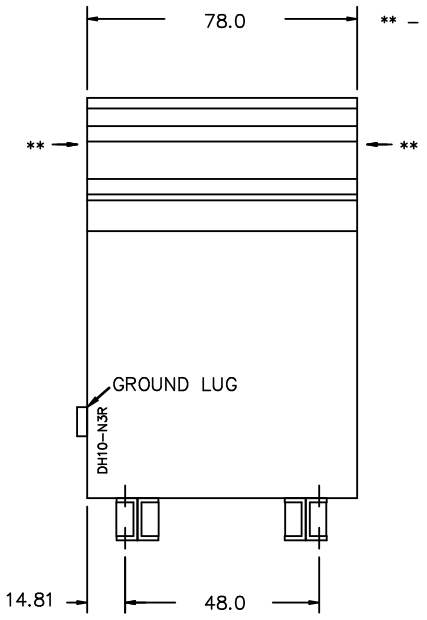
SHEET 1 OF 3

EDB MG3A1000SPSAHC0

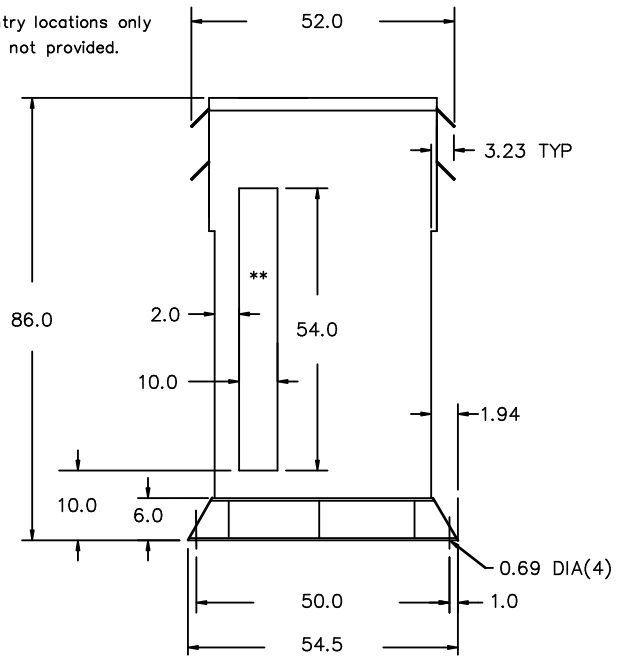
2.0 httpd 2026/11/05 04:58

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

FRONT VIEW



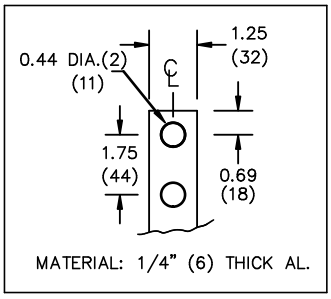
SIDE VIEW



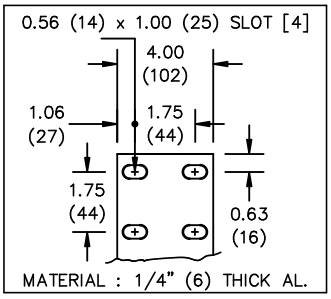
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL



L.V.1. TERMINAL DETAIL



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

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TITLE: 3PH POWER TRANSFORMER MECHANICAL DETSILS

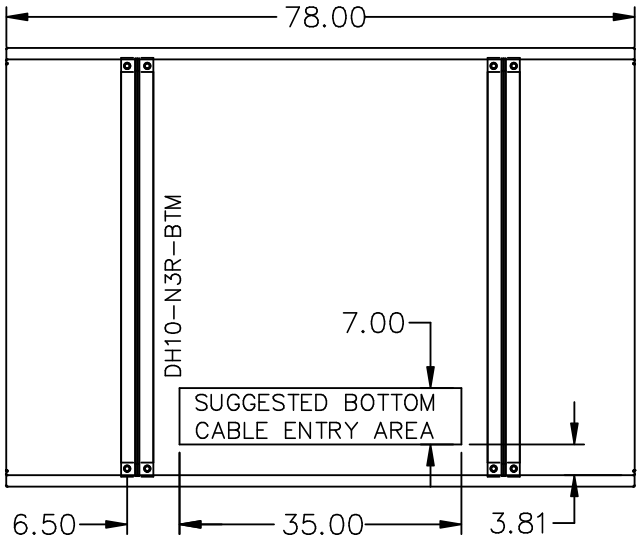
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SHEET 2 OF 3

EDB MG3A1000SPSAH00

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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2.0 httpd 2026/11/05 04:58

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TITLE: 3PH POWER TRANSFORMER
ENCLOSURE BOTTOM VIEW

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DES: ASETH
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SCALE: NTS

SHEET 3 OF 3

EDB MG3A1000SPSAH00