hammond POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

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

Part No. MG3A0225SBSAHC0

LR 3902

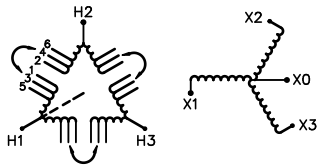
DISTRIBUTION TRANSFORMER
56Y1
E147879
LISTED

8 03423 13279 8

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

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	225	LV/BT	208Y/120V, 624.6
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	4.8		
Encl. Type/Category / Type ou categorie de boîtier	3R C		
Weight / Poids lbs	1500		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
4368	29.7	105	1-2
4264	30.5	102.5	2-3
4160	31.2	100	3-4
4056	32.0	97.5	4-5
3952	32.9	95	5-6



SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTI
ESPACEMENTS ENTRE LES PANNEAUX DE BOÎTIER VENTILÉ ET LES MURS ADJACENT DOIVENT ÊTRE UN MINIMUM DE 5 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

hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE

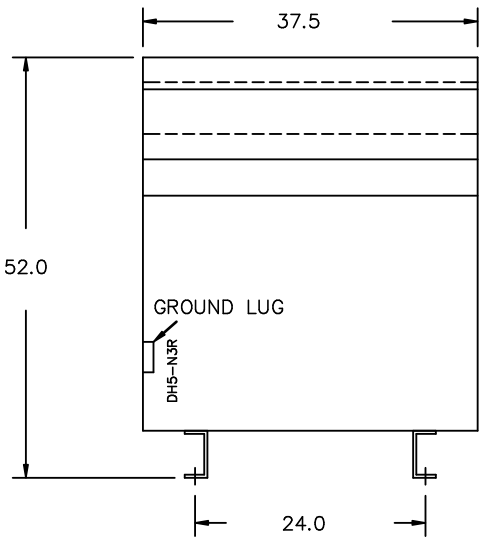
SCALE: NTS
DATE: 15/11/23
DES.: ASETH

SHEET 1 OF 3

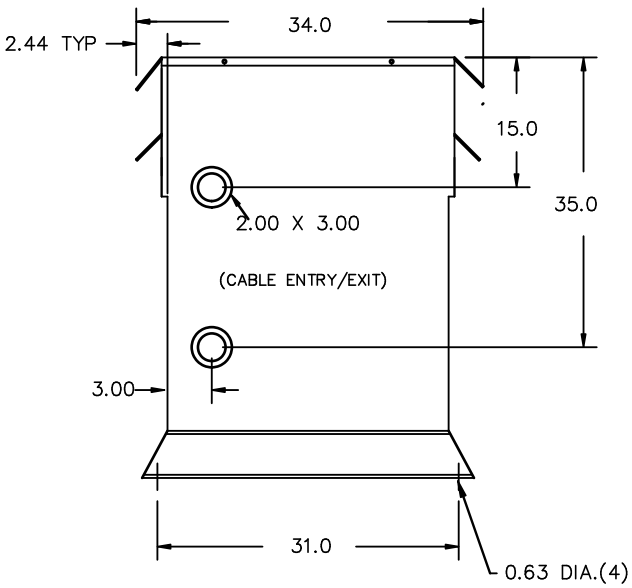
EDB MG3A0225SBSAHC0

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

FRONT VIEW



SIDE VIEW



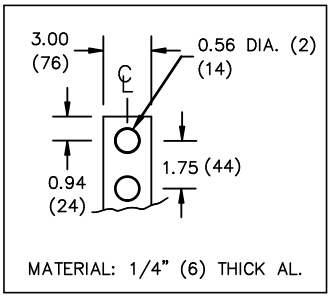
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

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

L.V.1. TERMINAL DETAIL



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

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

3.0 httpd 2026/11/05 07:32

hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER MECHANICAL DETAILS

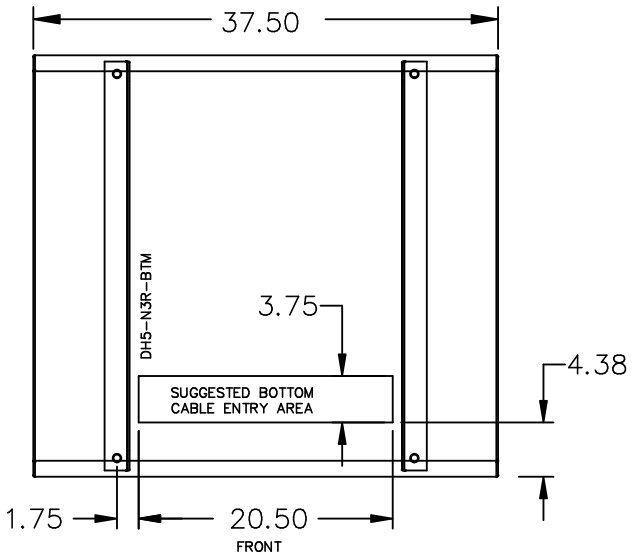
NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE

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

SHEET 2 OF 3

EDBWG3A0225SBSAH00

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

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

hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER ENCLOSURE BOTTOM VIEW

NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE

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

SHEET 3 OF 3

EDBWG3A0225SBSAH00