hammond POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

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

Part No. MG2L0100RESCHC0

LR 3902

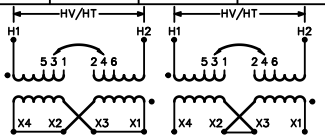
DISTRIBUTION TRANSFORMER
56Y1
E147879
LISTED

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

8 03423 13335 1

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	1	HV/HT	2400V 41.7A
Type	F	BIL	20 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2
kVA	100	LV/BT	120/240V 417A
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220°C	Term / Bornes	X4 X2 X3 X1
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	3.8		
Encl. Type/Category / Type ou categorie de boîtier	3R C		
Weight / Poids lbs/kg	905/411		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
2520	39.7	105	1-2
2460	40.7	102.5	2-3
2400	41.7	100	3-4
2340	42.7	97.5	4-5
2280	43.9	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

SECONDARY VOLTS
120V LINK X4-X2 & X3-X1
240V LINK X2-X3

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d0005980b

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TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	22/04/20	RM	CHANGED NPL VER:
1	21/07/16	PP	EDB UPDATE

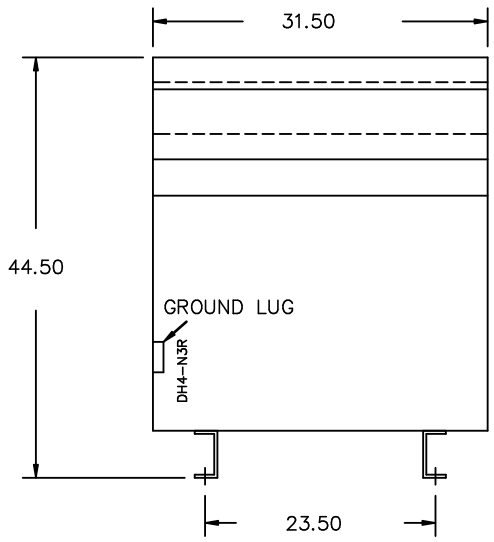
SCALE: NTS
DATE: 19/10/31
DES.: RMOVVA

SHEET 1 OF 3

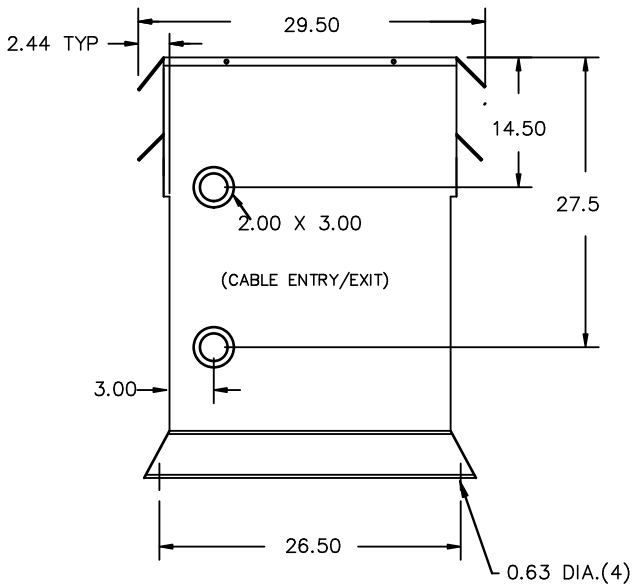
EDB MG2L0100RESCHC0

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

FRONT VIEW



SIDE VIEW



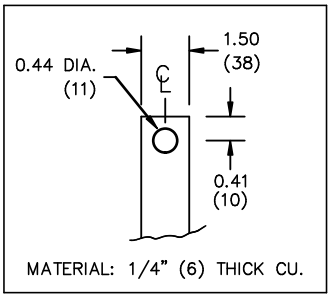
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

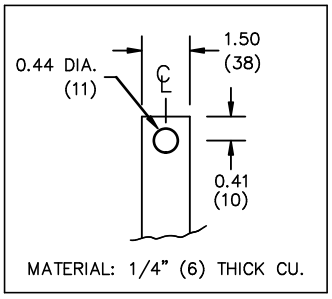
MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #14–2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

LV1 TERMINAL DETAIL



MATERIAL: 1/4" (6) THICK CU.

LV2 TERMINAL DETAIL



MATERIAL: 1/4" (6) THICK CU.

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT
- LV2 TERMINATED AT BOTTOM FRONT

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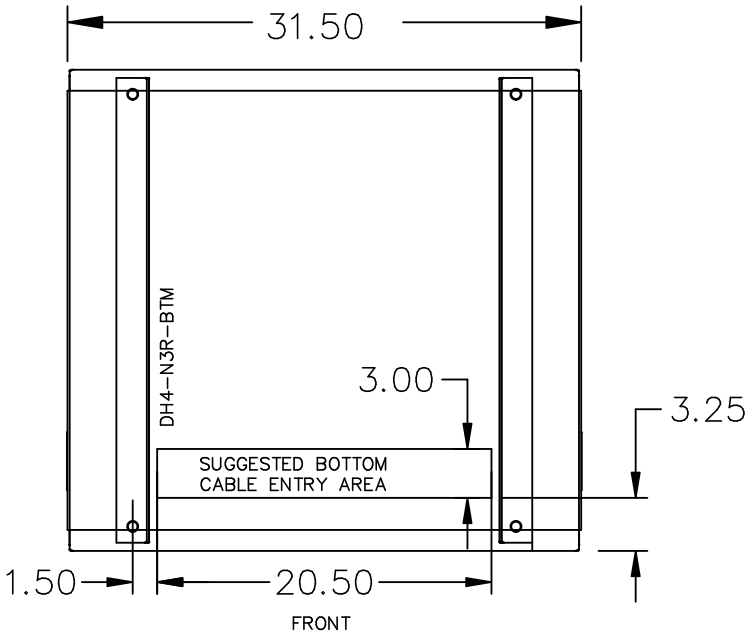
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SHEET 2 OF 3

EDBMG2L0100RESCHCO

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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				SCALE: NTS

SHEET 3 OF 3

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