



TITLE:		1PH DISTRIBUTION TRANSFORMER	
		NAMEPLATE INFORMATION	
2	22/04/20	RM	CHANGED NPL VER:
1	21/07/16	PP	EDB UPDATE
NO.	DATE	BY	REVISION
			DES: RMOVVA
			DATE: 19/10/31
			SCALE: NTS

SHEET 1 OF 3  
 EDBMG2L0100RESCHCO  
 2.0 httpd 2026/06/08 22:08

**hammond**  
POWER SOLUTIONS

Distribution Transformer  
 Transformateur de Distribution

LR 3902  
 DISTRIBUTION TRANSFORMER  
 E147879

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

Part No. MG2L0100RESCHCO

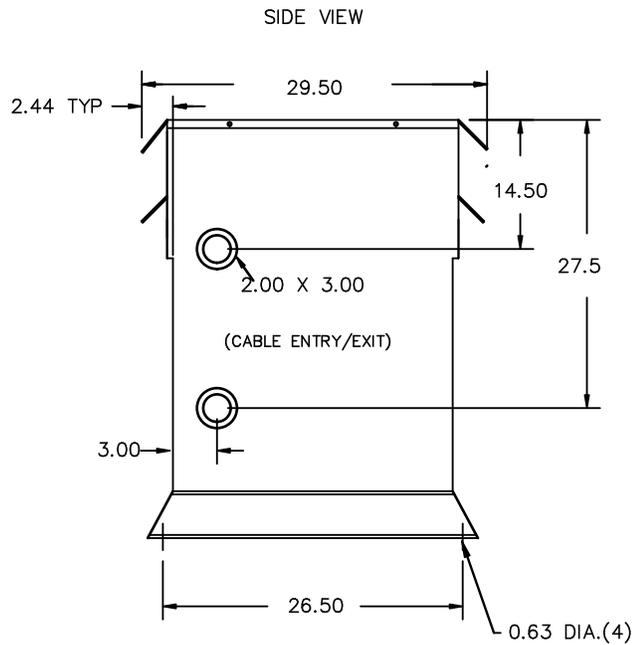
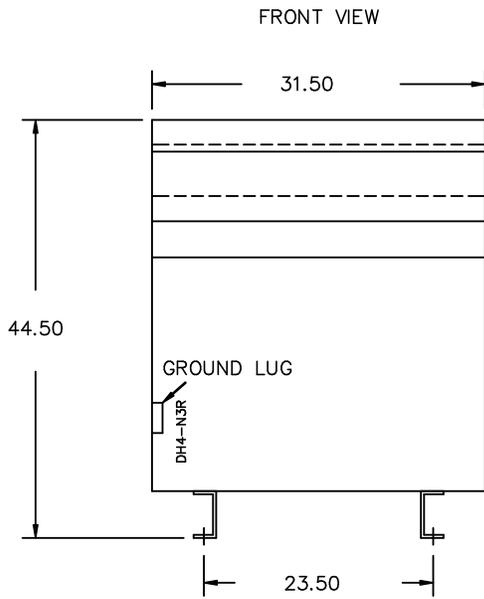
ALSO VERIFIED IN ACCORDANCE  
 TO ENERGY STANDARD C802.2-18  
 BY UNDERWRITERS LABORATORIES INC. 316

Cust. Ref.	Serial No.	HV/HT	2400V	41.7A	CONNECTION
Ref. du Client	No. de Serie				FOR CONNECTION
Phase	1	BIL	20 kV		PAR PHASE
Type	F	Term Bornes	H1 H2		1-2 2-3 3-4 4-5 5-6
Cooling Refroidissement	ANN	LV/BT	120/240V	417A	SECONDARY VOLTS 120V LINK X4-X2 & X3-X1 240V LINK X2-X3
kVA	100	BIL	10 kV		
Temp. Rise Echauffement	150 °C	Term Bornes	X4 X2 X3 X1		
Temp Class	220 °C	Winding Enroulement	CU		
Frequency	60	Energy Regulations	DOE 10 CFR PART 431:2016		
Impedance % @ 170 °C	3.8	Reglements Energetique	CEE ACT SOR/2018-201		
End. Type/Category Type ou categorie de boitier	3R				
Weight lbs/kg Poids	905/411				

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION FOR CONNECTION 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

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

d000590hb



All Dimensions in inches

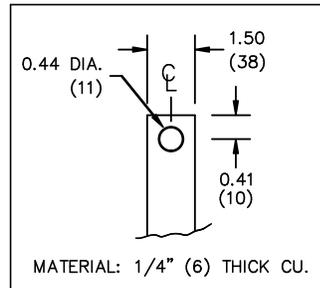
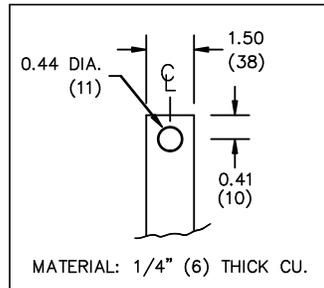
ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV1 TERMINAL DETAIL

LV2 TERMINAL DETAIL

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



CUSTOMER NOTES:

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

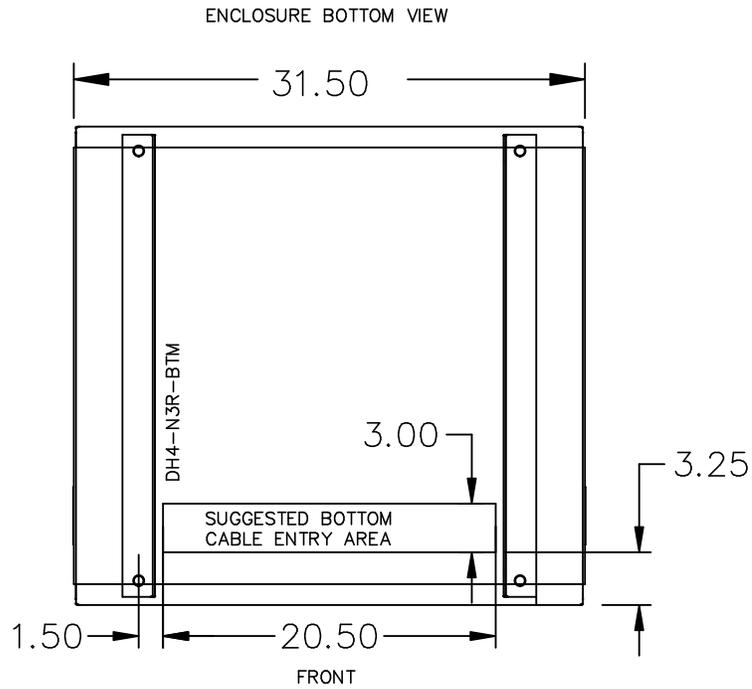


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SHEET 2 OF 3

EDBMG2100RESCHCO



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



TITLE: 1PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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EDBMC2100RESCHCO