

- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000590hb



**POWER SOLUTIONS**

Distribution Transformer  
Transformateur de Distribution

Part No. MG3A0225SKSAHCO

Baraboo, WI  
Monterrey, MX

Serial No. [ ]  
No. de Serie [ ]

HV/HT 4160V  
BIL 30 kV

Term Bornes H1 H2 H3

LV/BT 480Y/277V 271A

BIL 10 kV

Term Bornes X0 X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

LR 3902

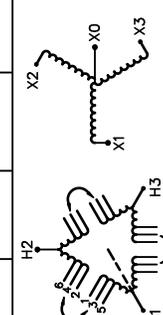
DISTRIBUTION TRANSFORMER E147879

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWRIERS LABORATORIES INC. 316

LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION FOR CONNECTION 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



SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/n=0 Ip=1.5



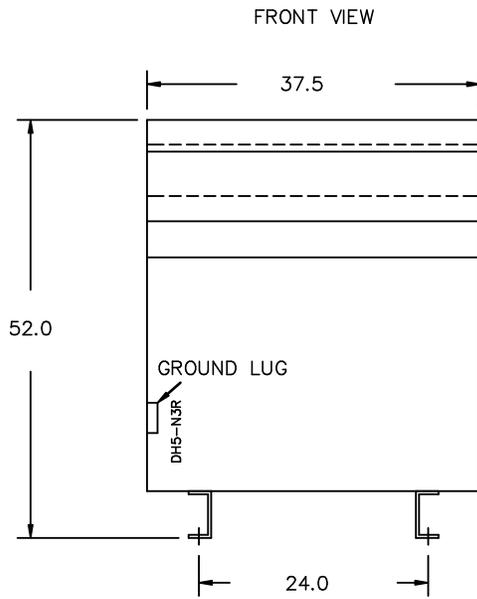
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5	23/08/24	DC	ADDED HV/LV AMPS
4	21/07/16	PP	EDB UPDATE
NO.	DATE	BY	REVISION
		DES:	RBHATIA
		DATE:	17/01/10
		SCALE:	NTS

SHEET 1 OF 3

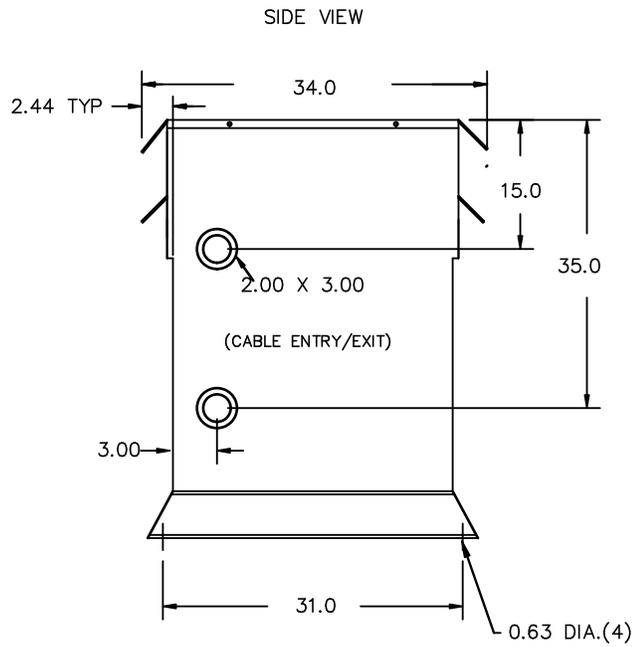
EDB MG3A0225SKSAHCO

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



All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT

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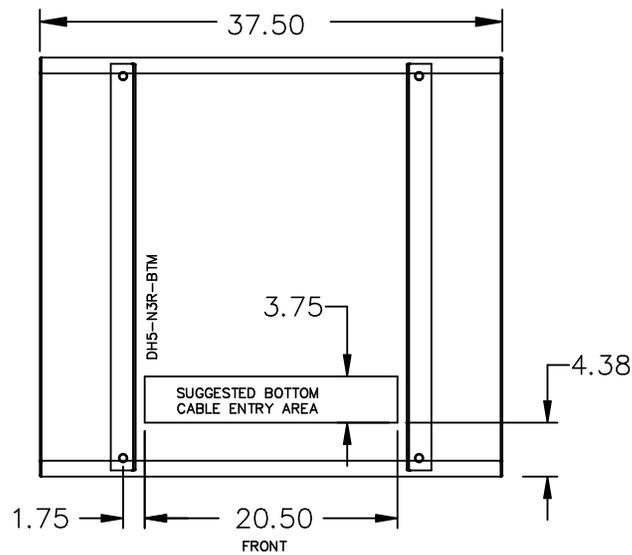
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SHEET 2 OF 3

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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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 ENCLOSURE BOTTOM VIEW

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SHEET 3 OF 3

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