


- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000590hb




POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

Part No. **MG3A0225SPSAHCO**

LR 3902

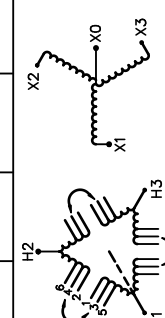


LISTED

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

Cust. Ref.	Serial No.	HV/HT	4160V	31.2A	CONNECTION FOR CONNECTION PER PHASE
Ref. du Client	No. de Serie	BIL	30 kV		1-2
Phase		Term Bornes	H1 H2 H3		2-3
Type		LV/BT	600Y/346V	217A	3-4
Cooling Refroidissement		BIL	10 kV		4-5
kVA		Term Bornes	X0 X1 X2 X3		5-6
Temp. Rise Echauffement	150 °C	Energy Regulations	DOE 10 CFR PART 431:2016		
Temp Class	220 °C	Reglements Energetique	CEE ACT SOR/2018-201		
Winding Enroulement	AL				
Frequency	60				
Impedance % @ 170 °C	3.5				
End. Type/Category Type ou categorie de boitier	3R				
Weight Poids	1500				

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION FOR CONNECTION PER 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
BC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=1.5

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNT!



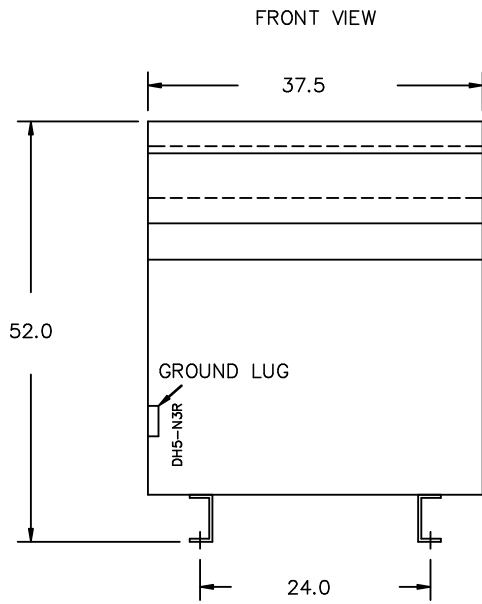
TITLE: 3PH DISTRIBUTION TRANSFORMER. NAMEPLATE INFORMATION				
3	21/07/16	PP	EDB UPDATE	DES: ASETH
2	20/12/18	DC	UPDATED TOTAL WEIGHT	DATE: 15/11/23
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

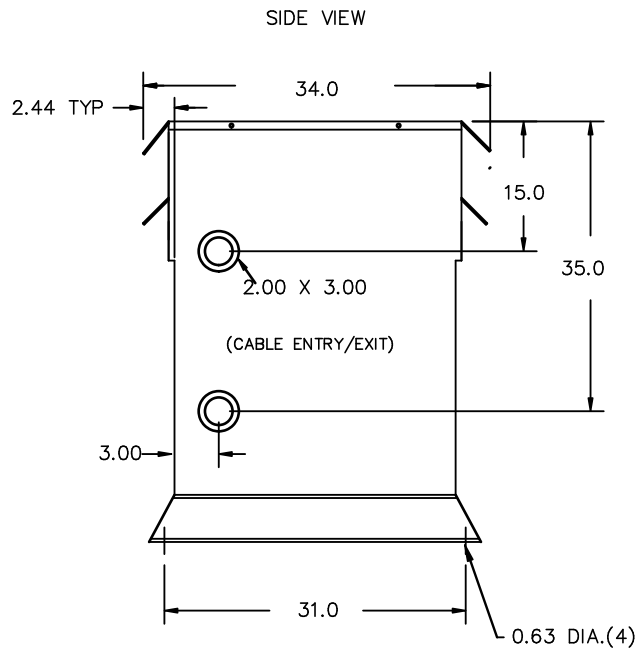
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



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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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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