




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
4	21/07/16	PP	EDB UPDATE	NTS
3	20/03/17	PP	SEISMIC UPDATE	NTS

SHEET 1 OF 3


EDBMC3A0300SBSAHCO

4.0 http://www.hammond.com/03_18-33



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. MG3A0300SBSAHCO



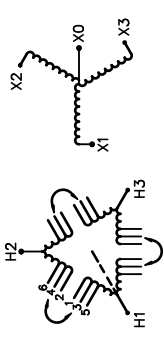
8 03423 13282 8

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	4160V	41.6A
Phase	3	BIL	30 kV	
Type	K	Term Bornes	H1 H2 H3	
Cooling Refrondissement	ANN	LV/BT	208Y/120V	833A
kVA	300	BIL	10 kV	
Temp. Rise Echauffement	150 °C	Term Bornes	X0 X1 X2 X3	
Temp Class Classe Temp	220 °C	Energy Regulations Règlements Energetique	DOE 10 CFR PART 431:2016	
Winding Enroulement	AL	CEE ACT SOR/2011-182		
Frequency	60	ALSO VERIFIED IN AGREEMENT TO ENERGY STANDARD C802.2-12 BY © 3VJ6 UNDERWRITERS LABORATORIES, INC.		
Impedance % @ 170 °C	4.9			
End. Type/Category Type ou catégorie de boîtier	3R C			
Weight Poids	2300			

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

SEISMIC QUALIFICATIONS: FLOOR MOUNT ONLY
QUALIFICATIONS SISQUES: MONTAGE AU SOL SEULEMENT
OSD-0136-10 IBC 2012/ASCE 7-10
SDS<=2.0G Z/H=1 IP=1.5

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION FOR CONNECTION PAR PHASE
4368	39.7	105	1-2
4264	40.6	102.5	2-3
4160	41.6	100	3-4
4056	42.7	97.5	4-5
3952	43.8	95	5-6



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

FRONT VIEW



** - Recommended cable entry locations only
cutouts & gland plates not provided.

SIDE VIEW



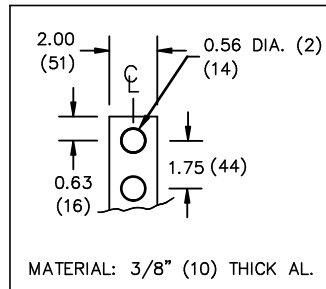
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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



CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



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SHEET 2 OF 3

EDBMC3A0300SBSAHC0

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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