



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION


2	21/07/16	PP	EDB UPDATE	DES: GCALOTA
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/09/07
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBMG3A0500RKSCHCO

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



**hammond**  
POWER SOLUTIONS

Distribution Transformer  
Transformateur de Distribution

LR 3902  
DISTRIBUTION TRANSFORMER  
E147879



LISTED

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

Hyderabad, IN Part No. MG3A0500RKSCHCO

Cust. Ref. [ ] Serial No. [ ]  
Ref. du Client [ ] No. de Serie [ ]

Phase 3 HV/HT 2400V 120A

Type K BIL 20 kV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 500 LV/BT 480Y/277V 601A

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X0 X1 X2 X3

Winding Enroulement CU Energy Regulations DOE 10 CFR PART 431:2016

Frequency Fréquence Hz 60 CEE ACT SOR/2018-201

Impedance % @ 170 °C 4.6

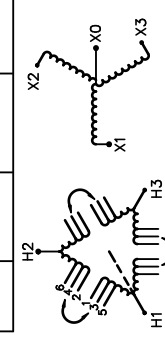
End. Type/Category Type ou catégorie de boîtier 3R C

Weight Poids lbs 2950

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION FOR CONNECTION PAR PHASE
2520	115	105	1-2
2460	117	102.5	2-3
2400	120	100	3-4
2340	123	97.5	4-5
2280	127	95	5-6

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

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



d000590hb

FRONT VIEW



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

SIDE VIEW



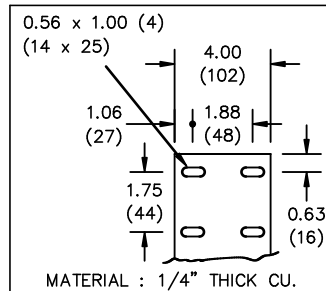
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 250MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

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



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EDBMC3A0500RKSCHCO

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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