

- IMPEDANCE SHOWN IS CALCULATED VALUE
- TESTED IMPEDANCE WILL BE SHOWN ON TRANSFORMER NAMEPLATE

d000590hb



**POWER SOLUTIONS**

Distribution Transformer  
Transformateur de Distribution

Part No. MG3A1000RKS AHCO

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



LR 3902

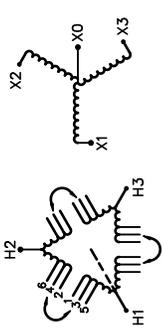
DISTRIBUTION TRANSFORMER E147879

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRIERS LABORATORIES INC. 3106

LISTED

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTIONS CONNECTIONS PAR PHASE
2520	229	105	1-2
2460	235	102.5	2-3
2400	241	100	3-4
2340	247	97.5	4-5
2280	253	95	5-6



H1 H2 H3 X0 X1 X2 X3

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

Cust. Ref. Ref. du Client

Phase

Type

Cooling Refroidissement

kVA

Temp. Rise Echauffement

Temp Class Classe Temp

Winding Enroulement

Frequency Fréquence Hz

Impedance % @ 170°C

End. Type/Category Type ou catégorie de boîtier

Weight lbs/kg Poids

Serial No. No. de Serie

HV/HT

BIL

Term Bornes

LV/BT

BIL

Term Bornes

Energy Regulations Règlement Energétique

CEE ACT SOR/2018-201

DOE 10 CFR PART 431:2016

3

K

ANN

1000

150 °C

220 °C

AL

60

5.2

3R

C

6000/2722



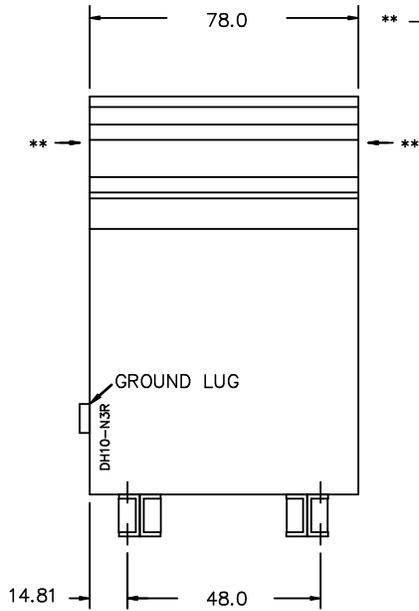
TITLE:		3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION	
NO.	DATE	BY	REVISION

SHEET 1 OF 3

DES: DCORTEZ  
DATE: 23/03/08  
SCALE: NTS

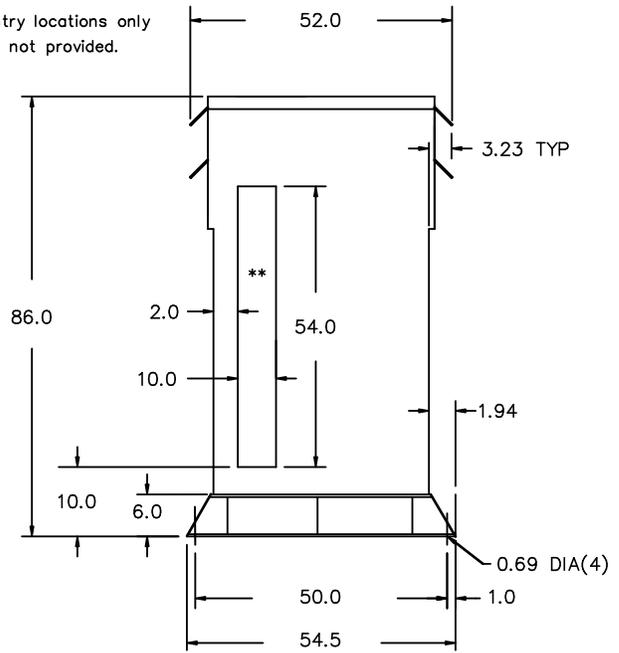
EDBMG3A1000RKS AHCO

FRONT VIEW



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

SIDE VIEW



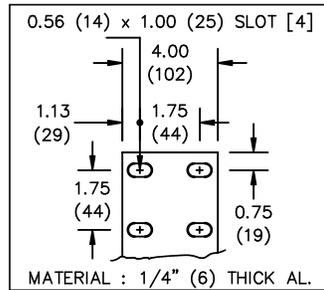
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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



CUSTOMER NOTES:

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



TITLE: 3PH DISTRIBUTION TRANSFORMER

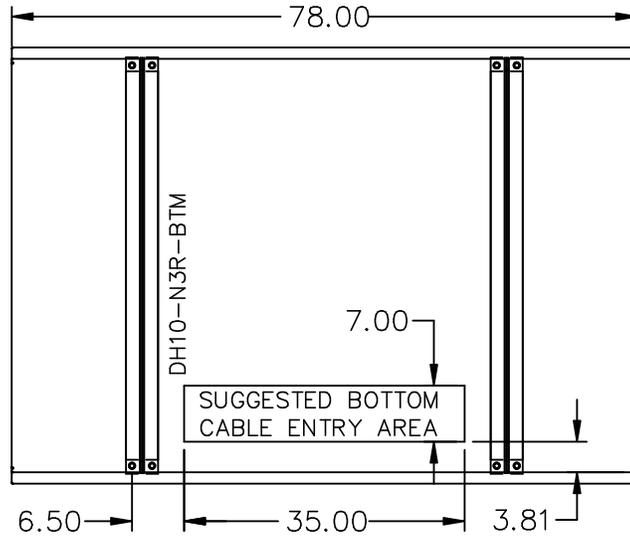
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SHEET 2 OF 3

EDBMC3A1000RKS/SAHCO

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

EDBMC3A1000PKSAHCO