


- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000590hb



POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

Part No. MG3A1000SBSAHCO

Baraboo, WI
Monterrey, MX

Serial No. []
HV/HT 4160V

BIL 30 kV

Term Bornes H1 H2 H3

LV/BT 208Y/120V 2776A

BIL 10 kV

Term Bornes X0 X1 X2 X3

Energy Regulations DOE 10 CFR PART 431:2016

Reglements Energetique CEE ACT SOR/2018-201

Hyderabad, IN
Compton, CA

Cust. Ref. []
Phase 3

Type K

Cooling Refroidissement ANN

kVA 1000

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL

Frequency Fréquence Hz 60

Impedance % @ 170 °C 5.4

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

Weight lbs/kg Poids 5800/2631


UL LISTED LR 3902

DISTRIBUTION TRANSFORMER E147879

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRIERS LABORATORIES INC. 316

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
4368	132	105	1-2
4264	135	102.5	2-3
4160	139	100	3-4
4056	142	97.5	4-5
3952	146	95	5-6



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

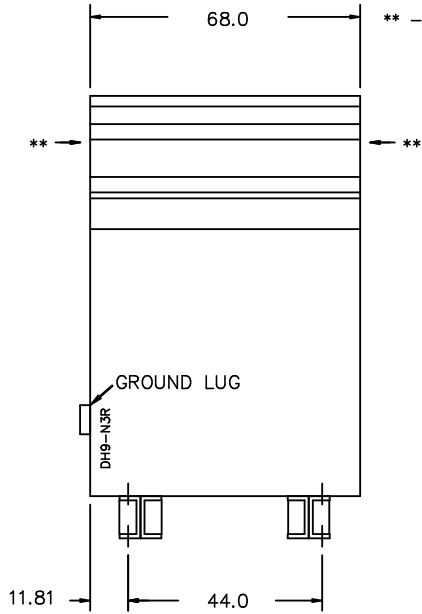


TITLE: 3PH DISTRIBUTION TRANSFORMER. NAMEPLATE INFORMATION			
3	24/02/01	DC	UPDATED TOTAL WEIGHT
2	21/07/16	PP	EDB UPDATE
NO.	DATE	BY	REVISION
			DES: ASETH
			DATE: 15/11/23
			SCALE: NTS

SHEET 1 OF 3

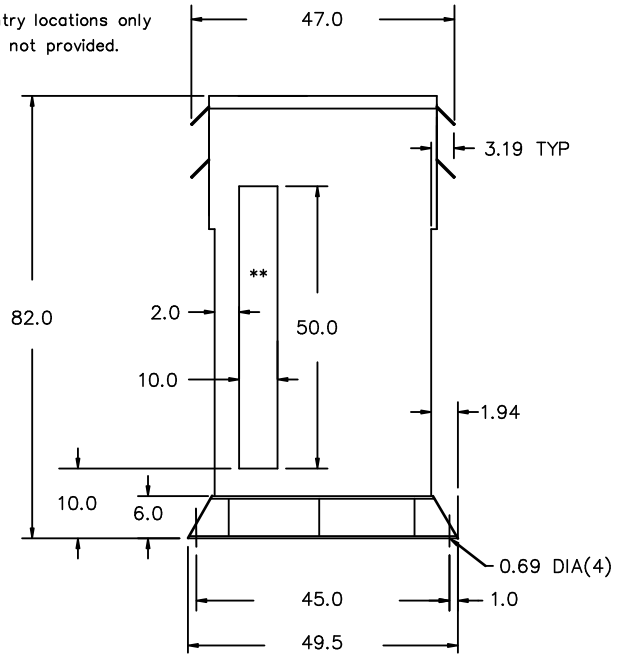
EDBMG3A1000SBSAHCO

FRONT VIEW



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

SIDE VIEW



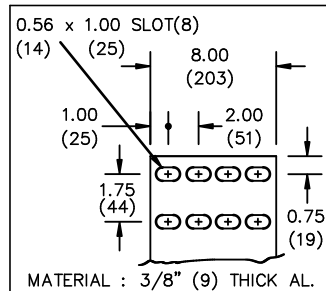
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #4-3/0 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

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



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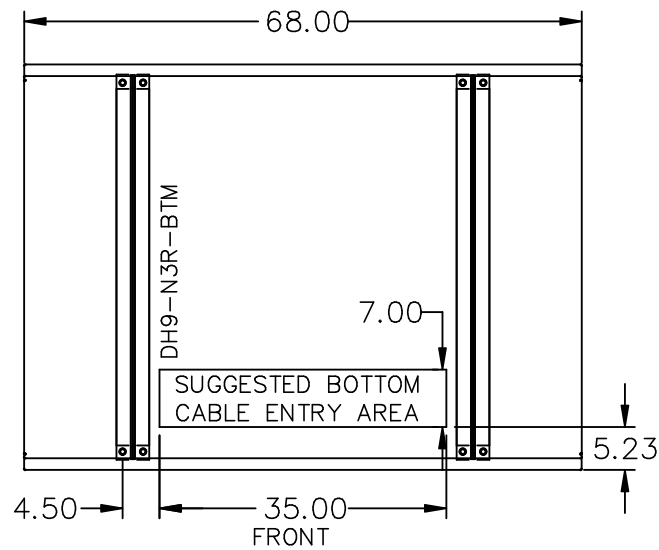
SHEET 2 OF 3

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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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SHEET 3 OF 3

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