


- IMPEDANCE SHOWN IS CALCULATED VALUE

d000590hb



POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

Part No. MG3A1000SPSAHCO

Baraboo, WI
Monterrey, MX

Serial No. []
No. de Serie []

HV/HT 4160V

BIL 30 kV

Term Bornes H1 H2 H3

LV/BT 600Y/346V, 962A

BIL 10 kV

Term Bornes X0 X1 X2 X3

Energy Regulations DOE 10 CFR PART 431:2016

Reglements de Energetique CEE ACT SOR/2011-182

Hyderabad, IN
Compton, CA

Cust. Ref. []
Ref. du Client []

Phase 3

Type K

Cooling Refroidissement AA

kVA 1000

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL


Frequency Frequency Hz 60

Impedance % @ 170 °C 5.7

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

Weight Poids lbs 7000

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



SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES
ESPACEMENTS ENTRE LES PANNEAUX DE BOÎTIER VENTILE ET LES MURS ADJACENT DOIVENT ÊTRE UN MINIMUM DE 12 POUNCES

SEISMIC QUALIFICATIONS: FLOOR MOUNT ONLY
QUALIFICATIONS SISMOES: MONTAGE AU SOL SEULEMENT

OSP-0136-10 IBC 2012/ASCE 7-10
SDS<=2.0G Z/H=1 IP=1.5



LR 3902
DISTRIBUTION TRANSFORMER
E147879 ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CB02.2-12

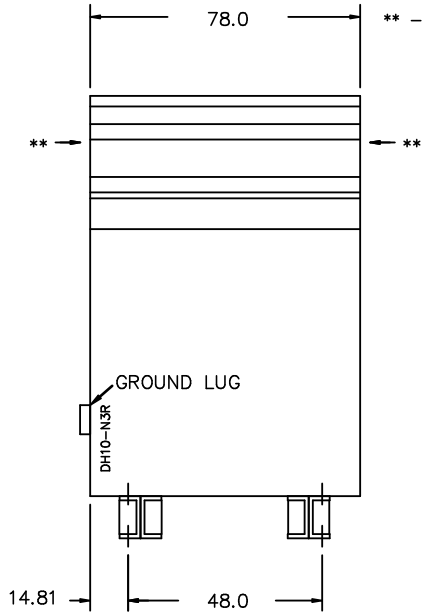


TITLE: 3PH POWER TRANSFORMER NAMEPLATE INFORMATION			
NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	17/04/03	JW	ADDED ENCL BOTTOM DRAWING
DES: ASETH		DATE: 15/11/23	
SCALE: NTS			

SHEET 1 OF 3

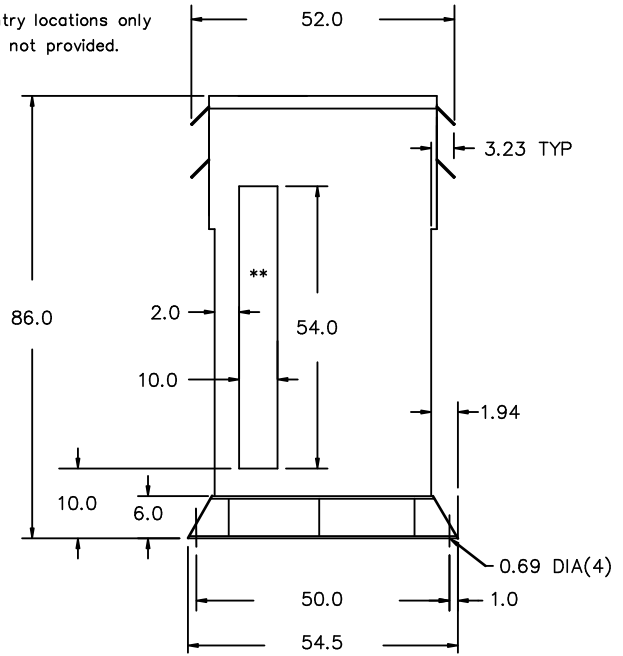
EDBMG3A1000SPSAHCO

FRONT VIEW



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

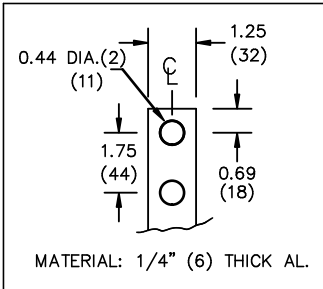
SIDE VIEW



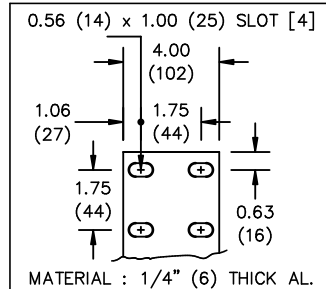
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

H.V.1. TERMINAL DETAIL



L.V.1. TERMINAL DETAIL



CUSTOMER NOTES:

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

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



TITLE: 3PH POWER TRANSFORMER
MECHANICAL DETSILS

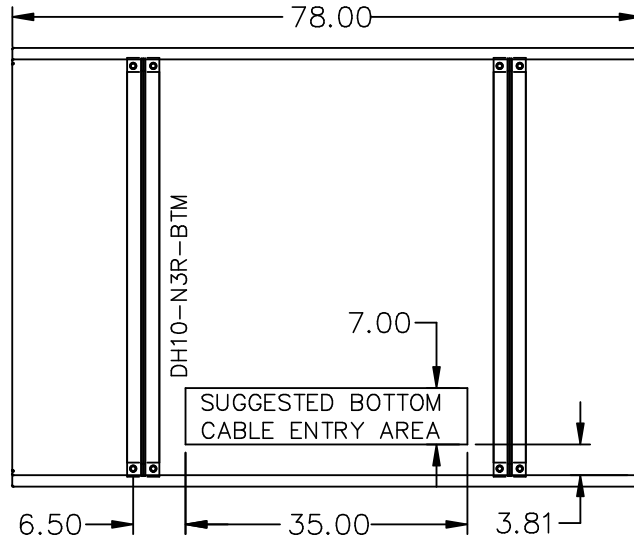
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ENCLOSURE BOTTOM VIEW



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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