



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

| | | | | |
|-----|----------|----|---------------------------------|----------------|
| 4 | 21/11/25 | CS | NPL IMPEDANCE AND WEIGHT UPDATE | DES: ASETH |
| 3 | 21/10/27 | DC | UPDATED TOTAL WEIGHT | DATE: 15/11/23 |
| NO. | DATE | BY | REVISION | SCALE: NTS |

SHEET 1 OF 3

EDBMC3A0500SPSAHCO

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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. MG3A0500SPSAHCO

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

Phase 3 HV/HT 4160V 69.4A

Type K BIL 30 kV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 500 LV/BT 600Y/346V 481A

Temp. Rise Echauffement 150 °C BIL 10 kV

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

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

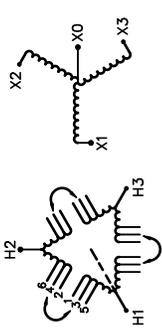
Frequency Fréquence Hz 60 Reglements de CEE ACT SOR/2018-201

Impedance % @ 170 °C 5.9

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

Weight lbs/kg Poids 2910/1320

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % NOMINALE | CONNECTION CONNECTION FOR CONNECTION PAR PHASE |
|-------|-----------------|----------------------------|--|
| 4368 | 66.1 | 105 | 1-2 |
| 4264 | 67.7 | 102.5 | 2-3 |
| 4160 | 69.4 | 100 | 3-4 |
| 4056 | 71.2 | 97.5 | 4-5 |
| 3952 | 73.0 | 95 | 5-6 |

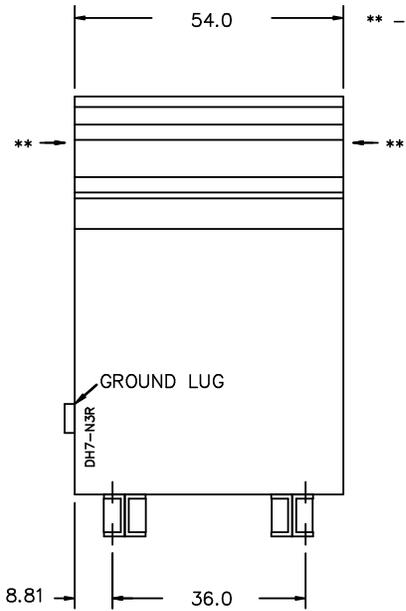


SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=1.5

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

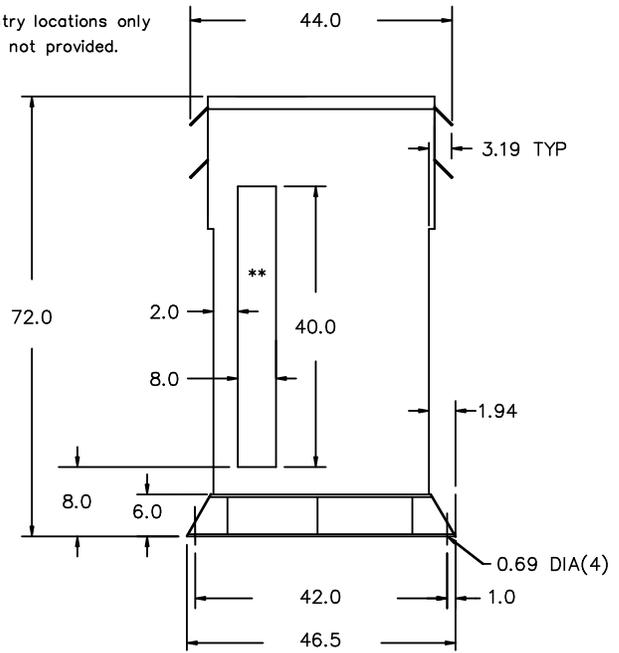
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FRONT VIEW



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

SIDE VIEW



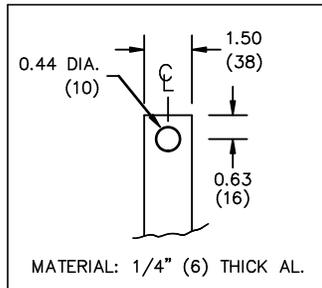
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

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

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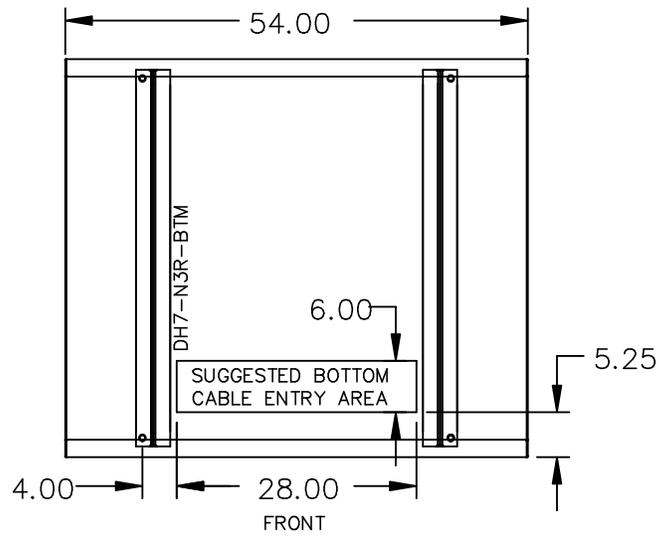
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ENCLOSURE BOTTOM VIEW



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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