hammond POWER SOLUTIONS

Energy Efficient
General Purpose Distribution Transformer
Transformateur de Distribution
à usage général économe en énergie

Hyderabad, IN | Guelph, ONT / Compton, CA | Baraboo, WI / Monterrey, MX

Part No. SG3A0300KBOC

LR 3902

DRY TYPE TRANSFORMER 77US E112313 LISTED

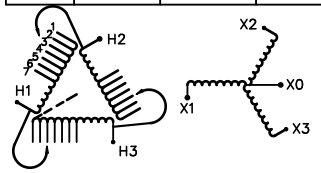
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

8 03423 12410 6

| | | | |
|---|---|---|---|
| Cust. Ref. / Ref. du Client | | Serial No. / No. de Serie | |
| Phase | 3 | HV/HT | 480V |
| Type | K | BIL | 10 kV |
| Cooling / Refroidissement | ANN | Term / Bornes | H1 H2 H3 |
| kVA | 300 | LV/BT | 208Y/120V |
| 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 / Frequence Hz | 60 | Reglements de Energetique | CEE ACT SOR/2018-201 |
| Impedance % @ 170 °C | 4 | | |
| Encl Type / Type De Coffrage | 3R | | |
| Weight / Poids lbs/kg | 1850/840 | | |

| VOLTS | CURRENT / COURANT | % RATED VOLTAGE / % TENSION NOMINALE | CONNECTION EACH PHASE / CONNEXION PAR PHASE |
|---|---|---|---|
| 504 | 344 | 105 | 1 |
| 492 | 352 | 102.5 | 2 |
| 480 | 361 | 100 | 3 |
| 468 | 370 | 97.5 | 4 |
| 456 | 380 | 95 | 5 |
| 444 | 390 | 92.5 | 6 |
| 432 | 401 | 90 | 7 |

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT




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

d000186hb

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

| NO. | DATE | BY | REVISION |
|---|---|---|---|
| 4 | 28/04/13 | AA | ADDED COG TO ENCL |
| 3 | 21/07/16 | PP | EDB UPDATE |

SCALE: NTS | DATE: 15/11/09 | DES: JWEN

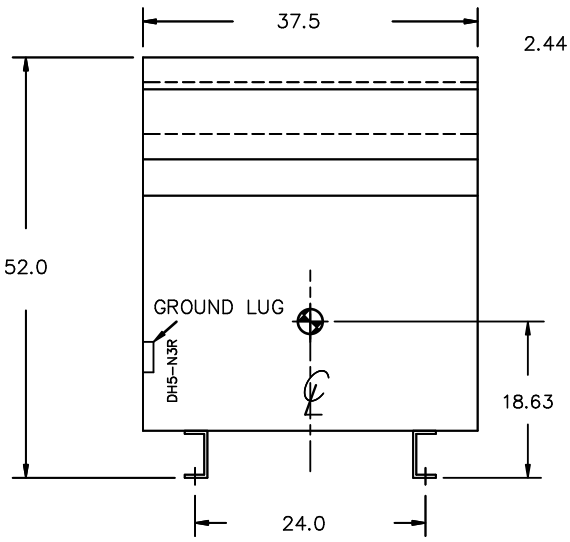
SHEET 1 OF 3

EDB SG3A0300KBOC

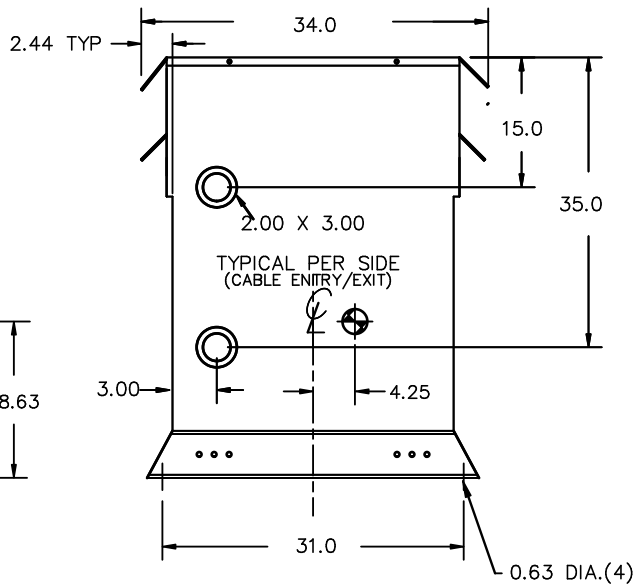
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FRONT VIEW



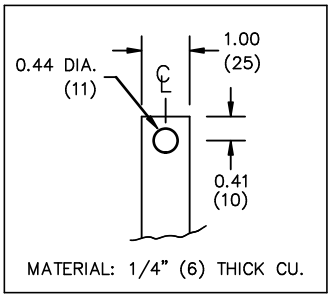

SIDE VIEW



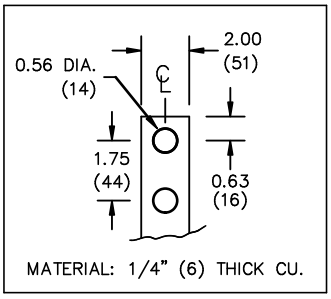

All Dimensions in inches

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

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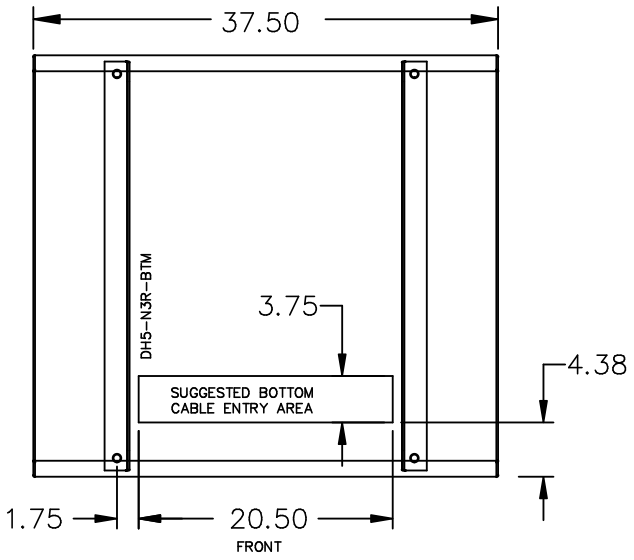
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ENCLOSURE BOTTOM VIEW




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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SHEET 3 OF 3

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