hammond POWER SOLUTIONS

ENERGY EFFICIENT HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR ÉCONOME EN ÉNERGIE RÉDUISANT LES HARMONIQUES

LR 3902

DRY TYPE TRANSFORMER 77U5 E112313 LISTED

8 03423 13514 0

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

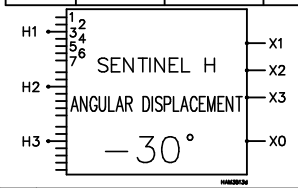
Hyderabad, IN
Guelph, ONT
Compton, CA
Baraboo, WI
Monterrey, MX

Part No. SH3U0045PB3S

| | | | |
|---|---|---|---|
| Cust. Ref. / Ref. du Client | | Serial No. / No. de Serie | |
| Phase | 3 | Model | |
| Type | K | HV/HT | 600YV |
| Cooling / Refroidissement | ANN | Term / Bornes | H1 H2 H3 |
| kVA | 45 | LV/BT | 208Z/120V |
| Temp. Rise / Echauffement | 150 °C | Term / Bornes | X1 X2 X3 |
| Temp Class / Classe Temp | 220 °C | Neutral | X0(200%) |
| Winding / Enroulement | AL | Energy Regulations | DOE 10 CFR PART 431:2016 |
| Frequency / Frequence Hz | 60 | Reglements de Energetique | CEE ACT SOR/2018-201 |
| Impedance % @ 170 °C | 4.1 | Z0 | 0.95 MAX |
| Encl Type / Type De Coffrage | 3R | Number of Secondaries | |
| Weight / Poids lbs/kg | 531/241 | | |

| VOLTS | CURRENT / COURANT | %RATED VOLTAGE / %TENSION NOMINALE | CONNECTION EACH PHASE / CONNEXION PAR PHASE |
|---|---|---|---|
| 630 | 41.2 | 105 | 1 |
| 615 | 42.2 | 102.5 | 2 |
| 600 | 43.3 | 100 | 3 |
| 585 | 44.4 | 97.5 | 4 |
| 570 | 45.6 | 95 | 5 |
| 555 | 46.8 | 92.5 | 6 |
| 540 | 48.1 | 90 | 7 |

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES
ELECTROSTATIC SHIELD




SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d0001900b

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

| NO. | DATE | BY | REVISION |
|---|---|---|---|
| | | | |

SCALE: NTS
DATE: 22/01/10
DES: LCEN

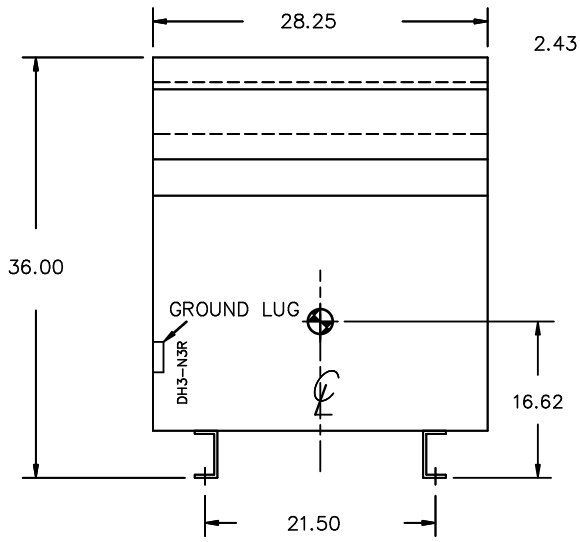
SHEET 1 OF 3

EDB SH3U0045PB3S

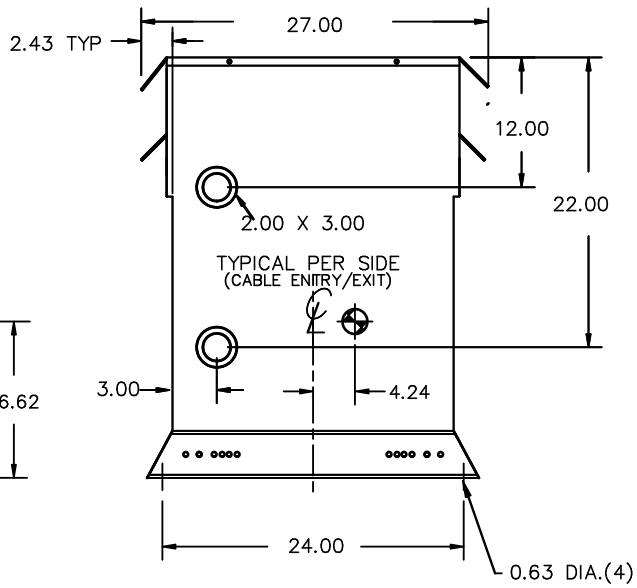
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW




SIDE VIEW




All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

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

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

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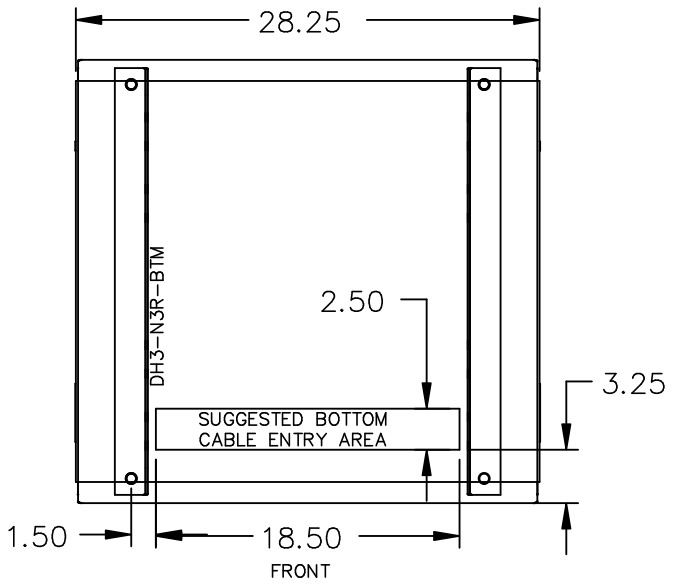
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SHEET 2 OF 3

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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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TITLE: 3PH DISTRIBUTION TRANSFORMER
ENCLOSURE BOTTOM VIEW

| NO. | DATE | BY | REVISION |
|---|---|---|---|
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DES: LCEN
DATE: 22/01/10
SCALE: NTS

SHEET 3 OF 3

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