hammond POWER SOLUTIONS

# HPS Tribune™ E

Energy Efficient Drive Isolation Transformer

Transformateur Pour Variateur de Vitesse à Efficacité Énergétique

Guelph, ONT
Compton, CA

Baraboo, WI
Monterrey, MX

Part No. TE3A0175KK

LR 3902

DRY TYPE TRANSFORMER
77US
E112313

LISTED

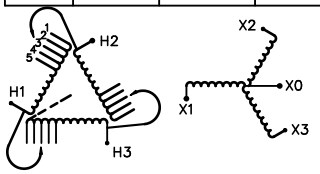
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ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

| | | | |
|---|---|---|---|
| Cust. Ref. / Ref. du Client | | Serial No. / No. de Serie | |
| Phase | 3 | HV/HT | 480V 210A |
| Type | K | BIL | 10 kV |
| Cooling / Refroidissement | ANN | Term / Bornes | H1 H2 H3 |
| kVA | 175 | LV/BT | 480Y/277V 210A |
| 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 / Frequence Hz | 60 | Reglements de Energetique | CEE ACT SOR/2018-201 |
| Impedance % @ 170 °C | 3.9 | | |
| Encl Type / Type De Coffrage | 3R | | |
| Weight / Poids lbs/kg | 1050/477 | | |

| VOLTS | CURRENT / COURANT | % RATED VOLTAGE / % TENSION NOMINALE | CONNECTION EACH PHASE / CONNEXION PAR PHASE |
|---|---|---|---|
| 504 | 200 | 105 | 1 |
| 492 | 205 | 102.5 | 2 |
| 480 | 210 | 100 | 3 |
| 468 | 216 | 97.5 | 4 |
| 456 | 222 | 95 | 5 |

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES
ELECTROSTATIC SHIELD




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

d000194hb

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

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

SCALE: NTS | DATE: 21/10/13 | DES: CSHAH

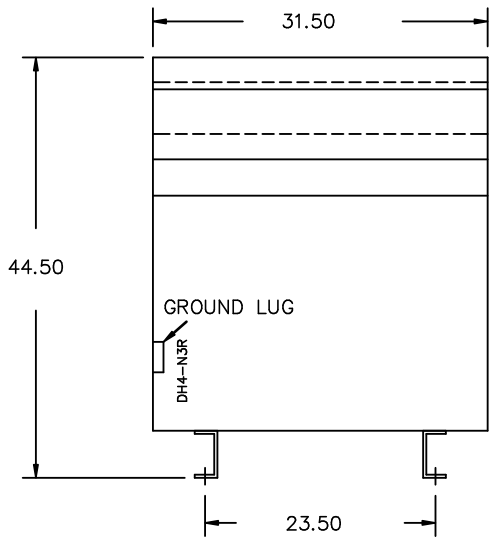
SHEET 1 OF 3

EDB TE3A0175KK

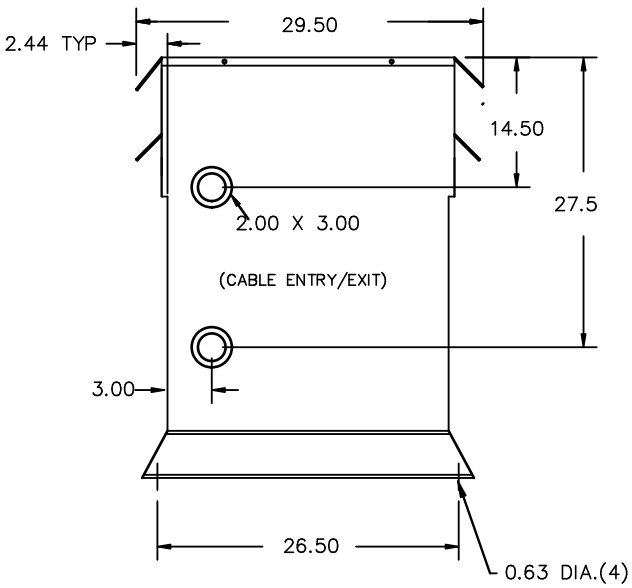


THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW




SIDE VIEW




All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM–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
- C/W 1–"NC"– THERMOSTAT PER COIL CONNECTED TO T.B.

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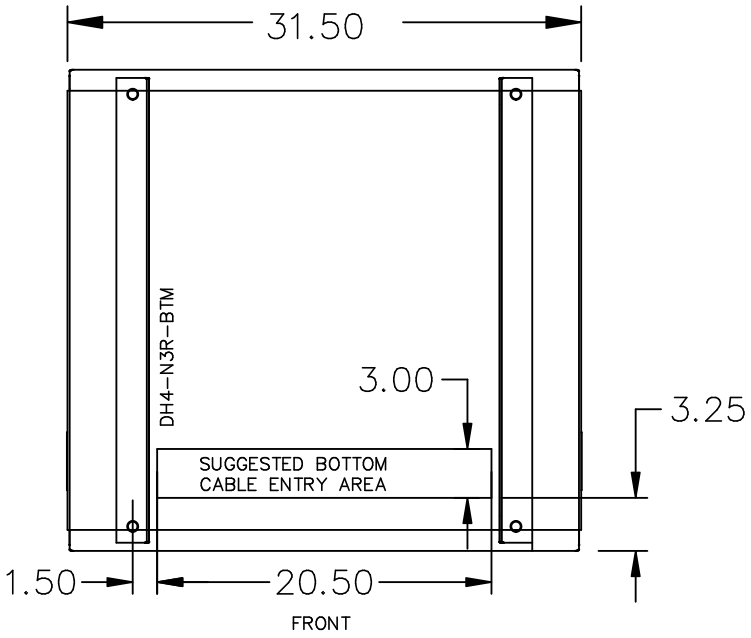
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SHEET 2 OF 3

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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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ENCLOSURE BOTTOM VIEW

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SHEET 3 OF 3

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