hammond POWER SOLUTIONS

Energy Efficient
K–Factor Rated Distribution Transformer
Transformateur de distribution économe en énergie
et classé selon le facteur K

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

Part No. SK3A0015PK3K

LR 3902
DRY TYPE TRANSFORMER
77U5
E112313
LISTED

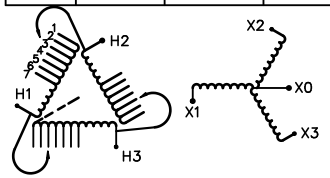
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ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2–18 BY UNDERWRITERS LABORATORIES INC. 3VJ6

| | | | |
|---|---|---|---|
| Cust. Ref. / Ref. du Client | | Serial No. / No. de Serie | |
| Phase | 3 | HV/HT | 600V 14.4A |
| Type | K | BIL | 10 kV |
| Cooling / Refroidissement | ANN | Term / Bornes | H1 H2 H3 |
| kVA | 15 | LV/BT | 480Y/277V 18.0A |
| 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 | 3.8 | Suitable for non–sinusoidal current load with K–factor not to exceed / Convient à des courants non–sinusoïdaux avec facteur K n'excédant pas | 13 |
| Encl Type / Type De Coffrage | 3R | | |
| Weight / Poids lbs/kg | 201/92 | | |

| VOLTS | CURRENT / COURANT | % RATED VOLTAGE / % TENSION NOMINALE | CONNECTION EACH PHASE / CONNEXION PAR PHASE |
|---|---|---|---|
| 630 | 13.7 | 105 | 1 |
| 615 | 14.1 | 102.5 | 2 |
| 600 | 14.4 | 100 | 3 |
| 585 | 14.8 | 97.5 | 4 |
| 570 | 15.2 | 95 | 5 |
| 555 | 15.6 | 92.5 | 6 |
| 540 | 16.0 | 90 | 7 |

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




SEISMIC QUALIFICATIONS:
OSP–0136/IBC 2018/ASCE 7–16
SDS<=2.0g Z/h=1 Ip=1.5

d0001887hb

| NO. | DATE | BY | REVISION |
|---|---|---|---|
| 3 | 21/07/16 | PP | EDB UPDATE |
| 2 | 20/03/17 | PP | SEISMIC UPDATE |

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

SCALE: NTS
DATE: 16/09/08
DES: JWEN

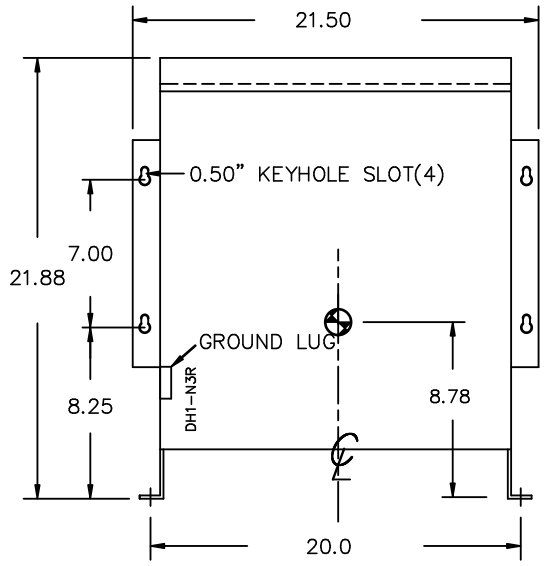
SHEET 1 OF 3

EDB SK3A0015PK3K

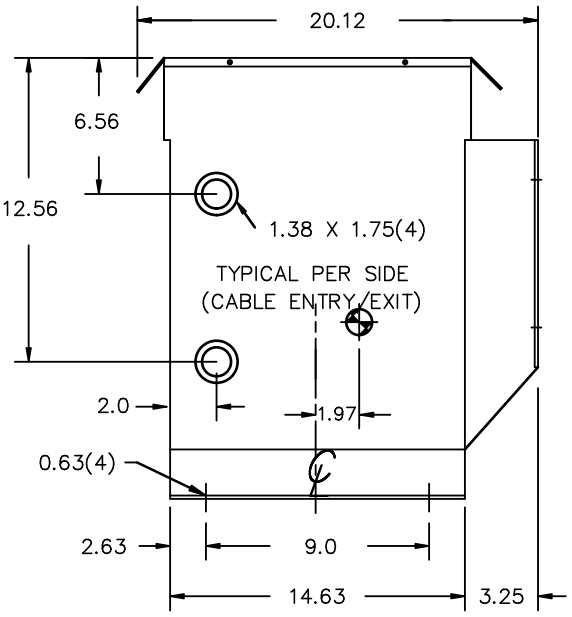


THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW




SIDE VIEW




All Dimensions in inches

ENCLOSURE COLOR : ANSI-61 GREY PAINT 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 #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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

200% RATED NEUTRAL PROVIDED

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hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER

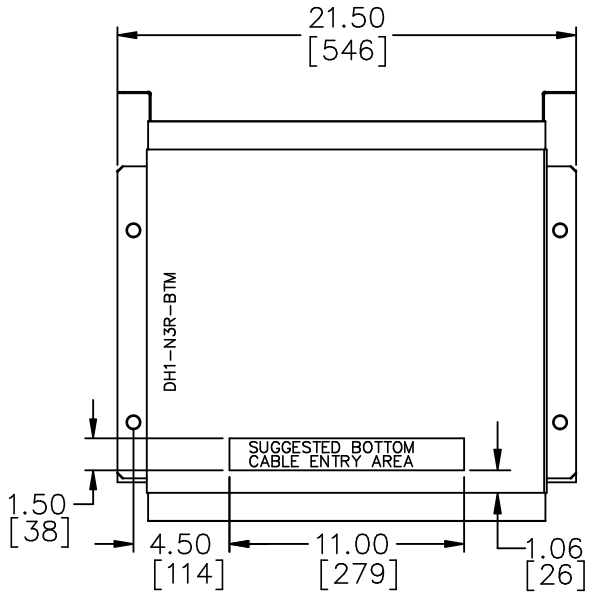
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DES: JWEN
DATE: 16/09/08
SCALE: NTS

SHEET 2 OF 3

EDBSK3A0015PK3K

ENCLOSURE BOTTOM VIEW




FRONT

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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hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER
ENCLOSURE BOTTOM VIEW

| NO. | DATE | BY | REVISION | |
|---|---|---|---|---|
| 3 | 21/07/16 | PP | EDB UPDATE | DES: JWEN |
| 2 | 20/03/17 | PP | SEISMIC UPDATE | DATE: 16/09/08 |
| | | | | SCALE: NTS |

SHEET 3 OF 3

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