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. SK3A0045KB4K

LR 3902
DRY TYPE TRANSFORMER
77U5
E112313
LISTED

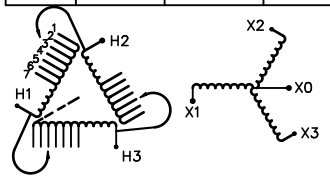
8 03423 12657 5

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 |
| Type | K | BIL | 10 kV |
| Cooling / Refroidissement | ANN | Term / Bornes | H1 H2 H3 |
| kVA | 45 | 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 | 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 | 4 |
| Encl Type / Type De Coffrage | 3R | | |
| Weight / Poids lbs | 430 | | |

| VOLTS | CURRENT / COURANT | % RATED VOLTAGE / % TENSION NOMINALE | CONNECTION EACH PHASE / CONNEXION PAR PHASE |
|---|---|---|---|
| 504 | 51.5 | 105 | 1 |
| 492 | 52.8 | 102.5 | 2 |
| 480 | 54.1 | 100 | 3 |
| 468 | 55.5 | 97.5 | 4 |
| 456 | 57.0 | 95 | 5 |
| 444 | 58.5 | 92.5 | 6 |
| 432 | 60.1 | 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

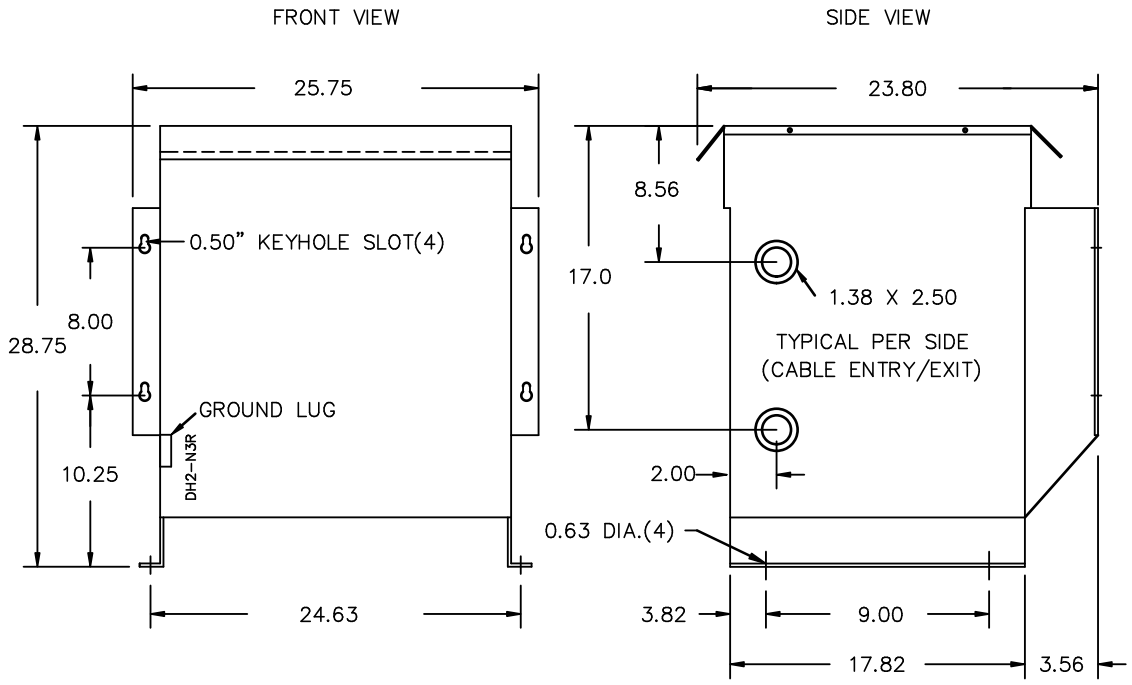
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DATE: 15/11/17
DES: JWEN

SHEET 1 OF 3

EDB SK3A0045KB4K

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All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

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

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM–6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:
– HV1 TERMINATED AT TOP FRONT
– LV1 TERMINATED AT BOTTOM FRONT

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hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER

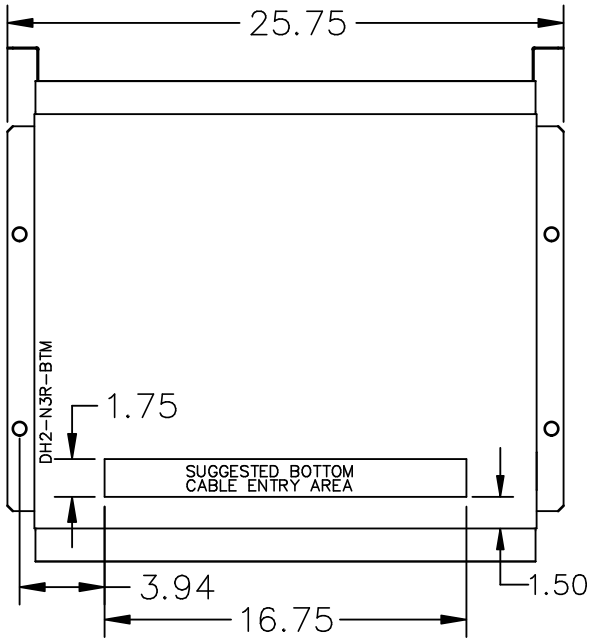
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DES: JWEN
DATE: 15/11/17
SCALE: NTS



EDBSK3A0045KB4K

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

hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER
ENCLOSURE BOTTOM VIEW

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| | | | | SCALE: NTS |

SHEET 3 OF 3

EDBSK3A0045KB4K

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