



d000590hb



POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution



LR 3902
DISTRIBUTION TRANSFORMER
E147879

Hyderabad, IN Guelph, ONT Baraboo, WI Monterrey, MX Part No. MG3A0075SKSCGC0

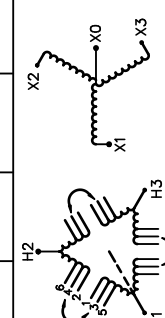
Cust. Ref. Serial No.

Ref. du Client No. de Serie

| | | | | |
|---|---------|------------------------|--------------------------|-------|
| Phase | 3 | HV/HT | 4160V | 10.4A |
| Type | K | BIL | 30 kV | |
| Cooling Refroidissement | ANN | Term Bornes | H1 H2 H3 | |
| kVA | 75 | LV/BT | 480Y/277V | 90.2A |
| Temp. Rise Echauffement | 130 °C | BIL | 10 kV | |
| Temp Class | 200 °C | Term Bornes | X0 X1 X2 X3 | |
| Winding Enroulement | CU | Energy Regulations | DOE 10 CFR PART 431:2016 | |
| Frequency | 60 | Reglements Energetique | CEE ACT SOR/2018-201 | |
| Impedance % @ 150 °C | 3.2 | | | |
| End. Type/Category Type ou categorie de boitier | 3R | C | | |
| Weight lbs/kg Poids | 715/325 | | | |

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % NOMINALE | CONNECTION CONNECTION PAR PHASE |
|-------|-----------------|----------------------------|---------------------------------|
| 4368 | 9.9 | 105 | 1-2 |
| 4264 | 10.2 | 102.5 | 2-3 |
| 4160 | 10.4 | 100 | 3-4 |
| 4056 | 10.7 | 97.5 | 4-5 |
| 3952 | 11.0 | 95 | 5-6 |

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES
ESPACEMENTS ENTRE LES PANNEAUX DE BOITIER VENTILE ET LES MURS ADJACENT DOIVENT ETRE UN MINIMUM DE 5 POUNCES



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



| | | | |
|---|----------|----|---------------------------------------|
| TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION | | | |
| 5 | 22/05/24 | DC | ADDED HV AMPS(HCN: 76908) DES: MGOMEZ |
| 4 | 21/07/16 | PP | EDB UPDATE DATE: 16/11/16 |
| NO. | DATE | BY | REVISION SCALE: NTS |

SHEET 1 OF 3
EDB MG3A0075SKSCGC0
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All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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

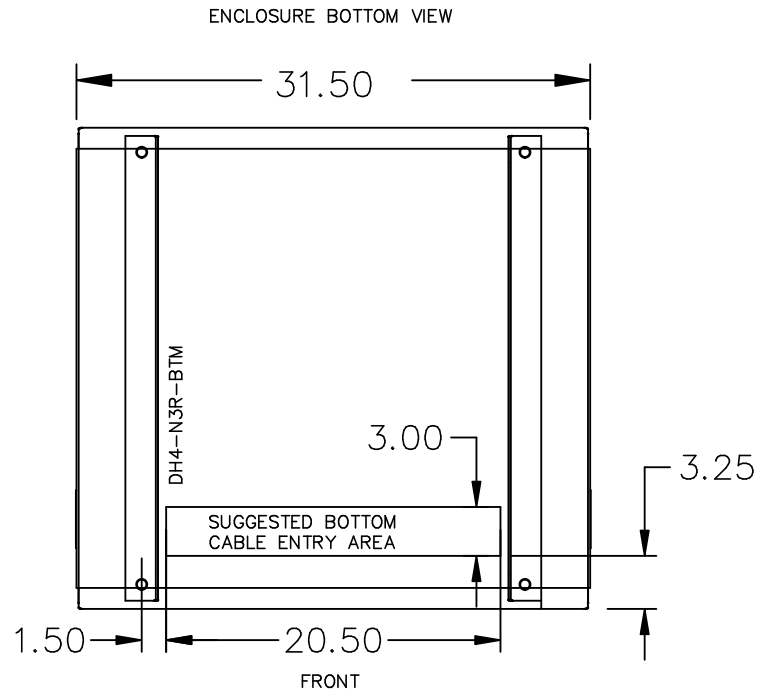


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NOTE:
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.
 SEE MANUAL FOR ADDITIONAL INFORMATION



TITLE: 3PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

| | | | | |
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SHEET 3 OF 3

EDBMC3A0075SKSCGCCO