


- IMPEDANCE SHOWN IS CALCULATED VALUE


d000590hb



Hammond Power Solutions
Guelph, ONT
Compton, CA

HPS Millennium™ G
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

LR 3902
DISTRIBUTION TRANSFORMER
E147879 ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CB02.2-12

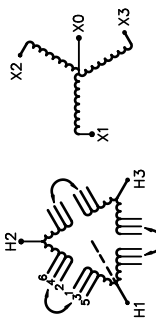


LISTED

Part No. **MG3A0225SBSAHCO**

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % NOMINALE | CONNECTION CONNECTION PAR PHASE |
|-------|-----------------|----------------------------|---------------------------------|
| 4368 | 29.7 | 105 | 1-2 |
| 4264 | 30.5 | 102.5 | 2-3 |
| 4160 | 31.2 | 100 | 3-4 |
| 4056 | 32.0 | 97.5 | 4-5 |
| 3952 | 32.9 | 95 | 5-6 |

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNT ESPACEMENTS ENTRE LES PANEUX ADJACENTS DE BOUTIER VENTILE ET LES MURS ADJACENTS DOIVENT ETRE UN MINIMUM DE 5 POUNCES SEISMIC QUALIFICATIONS; FLOOR MOUNT ONLY QUALIFICATIONS SISMOES; MONTAGE AU SOL SEULEMENT OSP-0136-10 IBC 2012/ASCE 7-10 SDS<=2.0G Z/H=1 IP=1.5



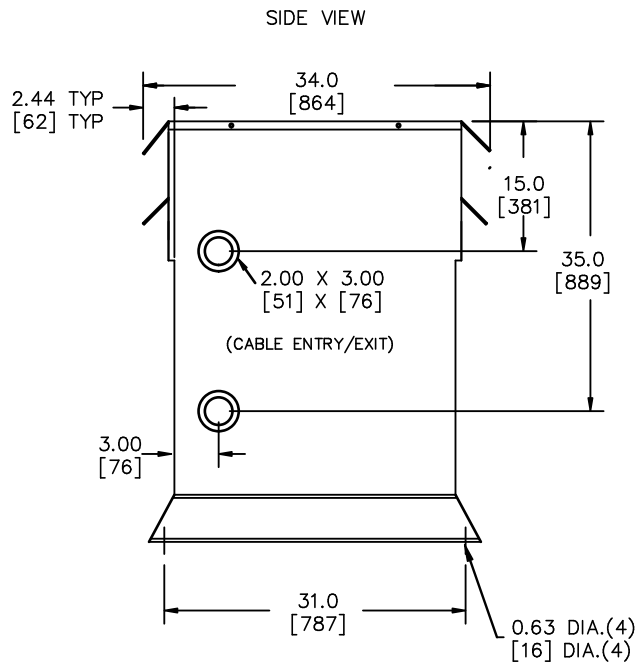
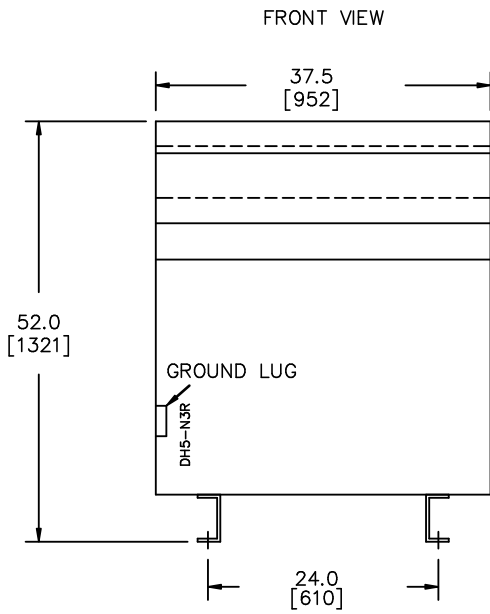
| | | |
|---|---|--------------------------|
| Cust. Ref. / Ref. du Client | Serial No. / No. de Serie | 4160V |
| Phase | HV/HT | 30 kV |
| Type | BIL | H1 H2 H3 |
| Cooling / Refroidissement | Term Bornes | 208Y/120V, 624.6 |
| kVA | LV/BT | 10 kV |
| Temp. Rise / Echauffement | BIL | X0 X1 X2 X3 |
| Temp Class / Classe Temp | Term Bornes | DOE 10 CFR PART 431:2016 |
| Winding / Enroulement | Energy Regulations / Règlements Énergétique | CEE ACT SOR/2011-182 |
| Frequency / Fréquence Hz | | |
| Impedance % @ 170°C | | |
| End. Type/Category / Type ou catégorie de boîtier | | |
| Weight lbs/kg | | |



Hammond Power Solutions Inc.

| | | | |
|---|----------|----|----------------|
| TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION | | | |
| 3 | 21/07/16 | PP | EDB UPDATE |
| 2 | 20/03/17 | PP | SEISMIC UPDATE |
| NO. | DATE | BY | REVISION |
| | | | DES: ASETH |
| | | | DATE: 15/11/23 |
| | | | SCALE: NTS |

SHEET 1 OF 3
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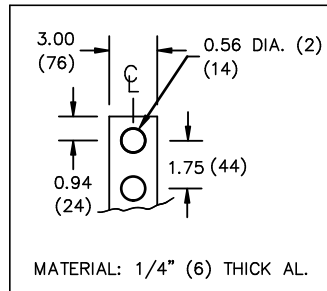
All Dimensions in inches[mm]

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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



CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



TITLE: 3PH DISTRIBUTION TRANSFORMER
MECHANICAL DETAILS

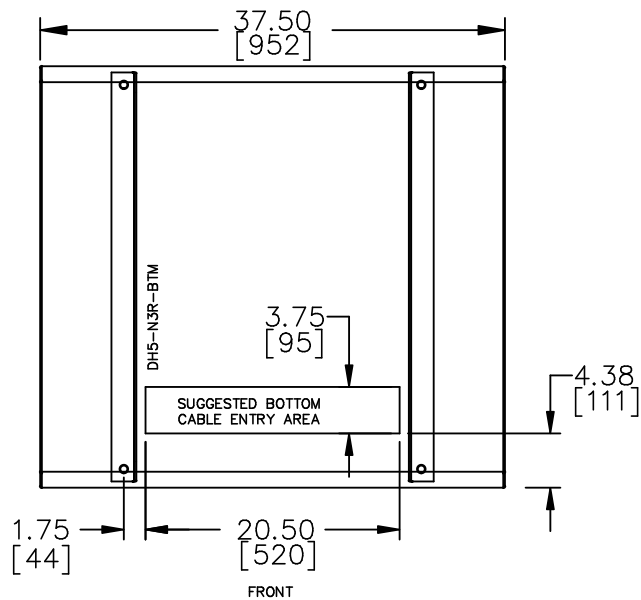
| | | | | |
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ENCLOSURE BOTTOM VIEW



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

| | | | | |
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