



TITLE: 1PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

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


DES: RMOVVA  
DATE: 23/08/17  
SCALE: NTS

SHEET 1 OF 3

EDBSG3L0037FE

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



**POWER SOLUTIONS**  
Guelph, ONT  
Hyderabad, IN Compton, CA

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


Baraboo, WI  
Monterrey, MX

Part No. **SG3L0037FE**

**LISTED**

LR 3902  
UL E112313  
DRY TYPE TRANSFORMER  
ALSO REFER TO CATALOGUE  
FOR ENERGY EFFICIENT AND ASD CROSSLINKS  
BY UNDERWRITERS LABORATORIES INC. @ 3168

8 03423 174085 4



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

| VOLTS | CURRENT<br>COURANT | % RATED<br>VOLTAGE<br>% TENSION<br>NOMINALE | CONNECTION<br>EACH PHASE<br>CONNECTION<br>PAR PHASE |
|-------|--------------------|---|---|
| 291   | 129                | 105   | 1-2   |
| 284   | 132                | 102.5                                       | 2-3   |
| 277   | 135                | 100   | 3-4   |
| 270   | 139                | 97.5  | 4-5   |
| 263   | 143                | 95  | 5-6   |
| 120   | 312                |   | X4&X2, X3&X1  |
| 240   | 156                |   | X1, X4  |

Serial No. [ ]  
No. de Serie [ ]

Phase 1 HV/HT

Type F BIL

Cooling Refroidissement ANN Term Bornes

kVA 37.5 LV/BT 120/240V 312/156A

Temp. Rise Echauffement 150 °C BIL

Temp Class Classe Temp 220 °C Term Bornes

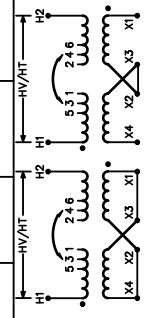
Winding Enroulement AL Energy Regulations

Frequency Fréquence Hz 60 Reglements de l'Energétique

Impedance % @ 170 °C 6

Encl. Type Type de Coffrage 3R

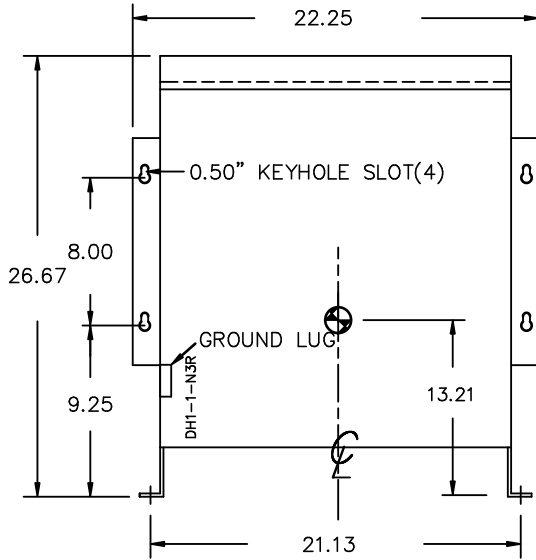
Weight Poids lbs/kg 265/121



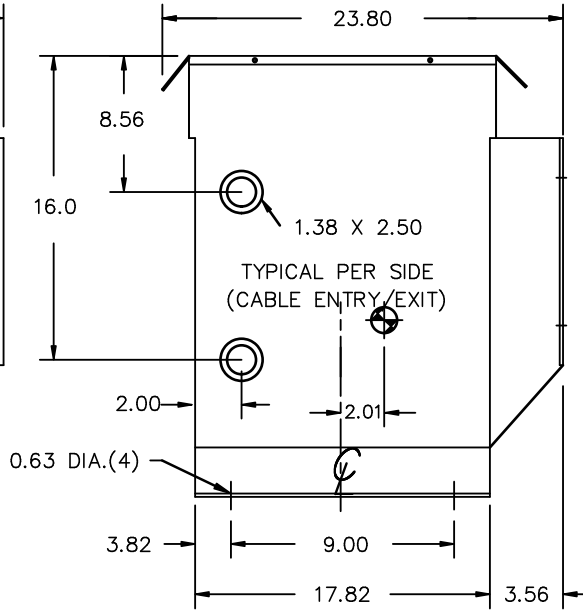
SEISMIC QUALIFICATIONS:  
OSP=0136/IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 Ip=1.5

d000186hb

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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

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CUSTOMER NOTES:

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



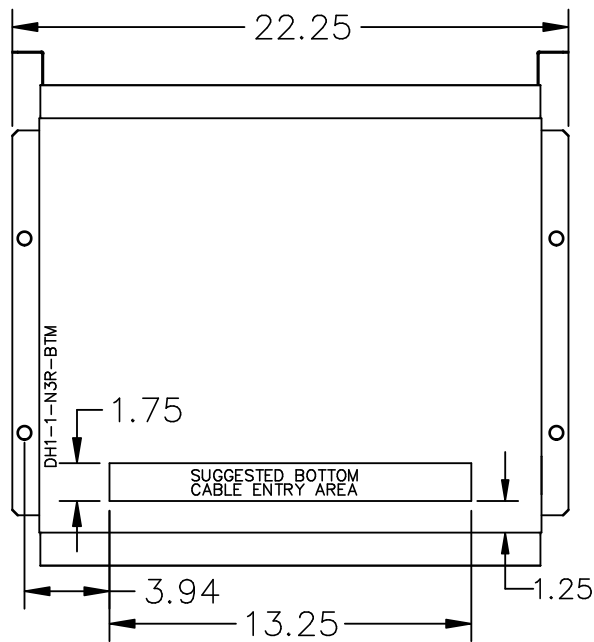
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ENCLOSURE BOTTOM VIEW



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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