



**Hammond Power Solutions Inc.**


TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

|     |          |    |                |                |
|-----|----------|----|----------------|----------------|
| 3   | 21/07/16 | PP | EDB UPDATE     | DES: JWEN      |
| 2   | 20/03/17 | PP | SEISMIC UPDATE | DATE: 15/11/09 |
| NO. | DATE     | BY | REVISION       | SCALE: NTS     |

SHEET 1 OF 3

EDBSG3A0015BK

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**Hammond Power Solutions**  
Guelph, ONT Compton, CA

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

Baraboo, WI Monterrey, MX

Part No. SG3A0015BK

 LR 3902  
 DRY TYPE TRANSFORMER 77US E112313  
 ALSO REFER TO ENERGY STANDARDS CROQ 2-18 BY UNDERWRITERS LABORATORIES INC. @ 316

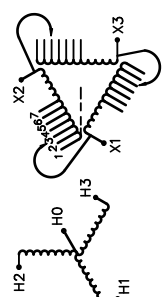
 0342312273 7  
 BY UNDERWRITERS LABORATORIES INC. @ 316

**LISTED**

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

| VOLTS | CURRENT<br>COURANT | % RATED<br>% TENSION<br>NOMINALE | CONNECTION<br>EACH PHASE<br>CONNECTION<br>PAR PHASE |
|-------|--------------------|----------------------------------|-----------------------------------------------------|
| 218   | 39.7               | 105                              | 1                                                   |
| 213   | 40.6               | 102.5                            | 2                                                   |
| 208   | 41.6               | 100                              | 3                                                   |
| 203   | 42.7               | 97.5                             | 4                                                   |
| 198   | 43.8               | 95                               | 5                                                   |
| 192   | 45.0               | 92.5                             | 6                                                   |
| 187   | 46.3               | 90                               | 7                                                   |

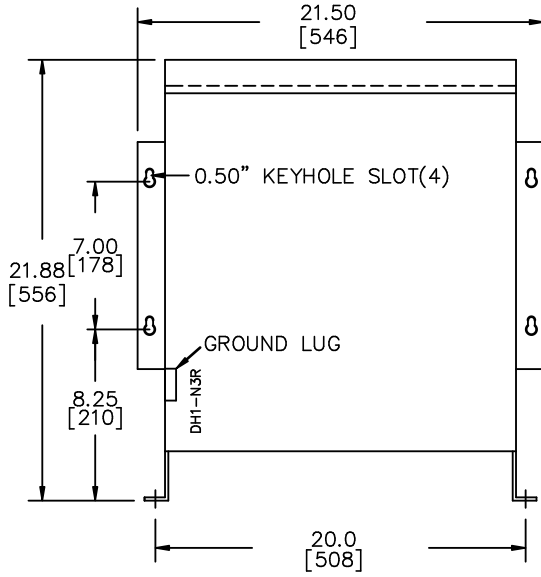


SEISMIC QUALIFICATIONS:  
OSP=01.36-10/IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 Ip=1.5

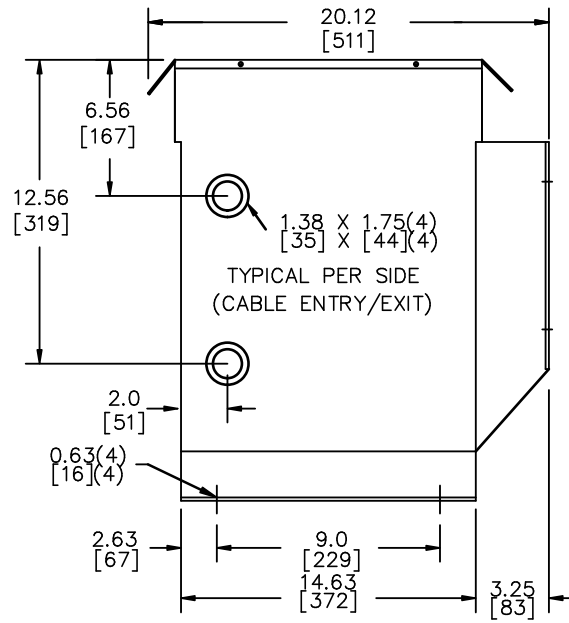
|                                |                                 |                          |
|--------------------------------|---------------------------------|--------------------------|
| Cust. Ref.                     | Serial No.                      |                          |
| Ref. du Client                 | No. de Serie                    |                          |
| Phase                          | HV/HT                           | 480Y/277V                |
| Type                           | BIL                             | 10 kV                    |
| Cooling<br>Refrondissement     | Term<br>Bornes                  | H0 H1 H2 H3              |
| kVA                            | LV/BT                           | 208V                     |
| Temp. Rise<br>Echauffement     | BIL                             | 10 kV                    |
| Temp Class<br>Classe Temp      | Term<br>Bornes                  | X1 X2 X3                 |
| Winding<br>Enroulement         | Energy<br>Regulations           | DOE 10 CFR PART 431:2016 |
| Frequency Hz                   | Reglements<br>de<br>Energétique | CEE ACT SOR/2018-201     |
| Impedance %<br>@ 170 °C        |                                 |                          |
| Encl. Type<br>Type de Coffrage |                                 |                          |
| Weight lbs/kg<br>Poids         |                                 | 180/82                   |

d000186hb

FRONT VIEW



SIDE VIEW



All Dimensions in inches[mm]

ENCLOSURE COLOR : ANSI-61 GREY PAINT 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

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SUITABLE FOR #14-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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



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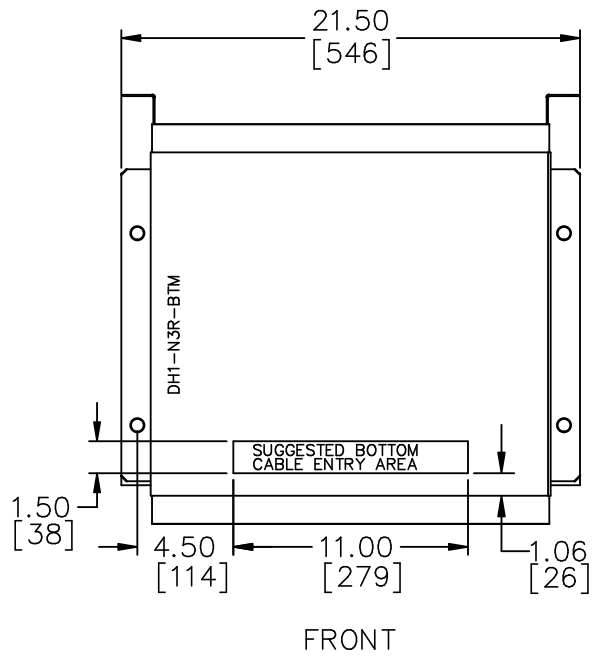
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ENCLOSURE BOTTOM VIEW



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



TITLE: 3PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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