



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION


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

SHEET 1 OF 3

EDB SG3A0075PKOC

3.0 httpd 2026/05/19 06:52

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. **SG3A0075PKOC**

Serial No. [ ]  
No. de Serie [ ]

Phase 3 HV/HT

Type K BIL

Cooling Refroidissement ANN Term Bornes

kVA 75 LV/BT

Temp. Rise Echauffement 150 °C BIL

Temp Class Classe Temp 220 °C Term Bornes

Winding Enroulement CU Energy Regulations

Frequency Fréquence Hz 60 Reglements de Énergétique

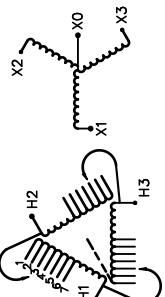
Impedance % @ 170 °C 3.3

Encl. Type Type de Coffrage 3R

Weight Poids lbs 650

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % TENSION NOMINALE | CONNECTION EACH PHASE CONNECTION PAR PHASE |
|-------|-----------------|------------------------------------|--|
| 630   | 68.7            | 105                                | 1  |
| 615   | 70.4            | 102.5                              | 2  |
| 600   | 72.2            | 100                                | 3  |
| 585   | 74.0            | 97.5                               | 4  |
| 570   | 76.0            | 95                                 | 5  |
| 555   | 78.0            | 92.5                               | 6  |
| 540   | 80.2            | 90                                 | 7  |

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT



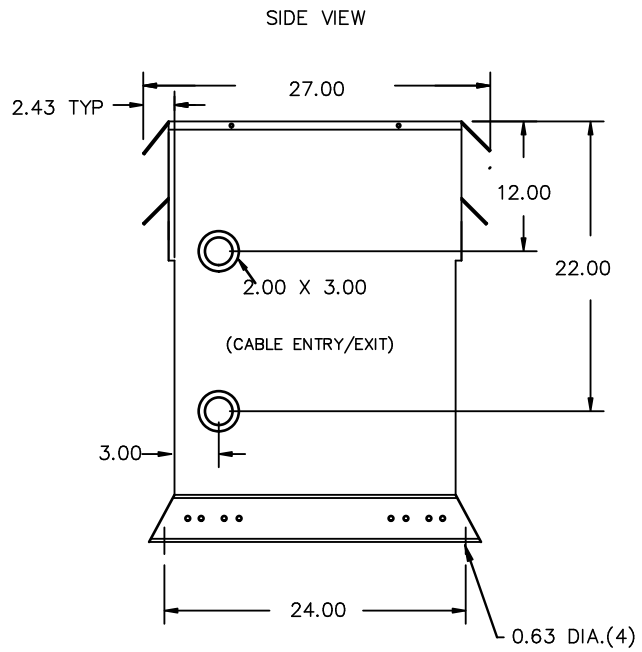
SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 Ip=1.5

0000186hb

LR 3902  
DRY TYPE TRANSFORMER 77US E112313  
03423172629  
ALSO REFER TO IEC 60076-18  
TO ENERGY STANDARDS  
BY UNDERWRITERS LABORATORIES INC. @ 316



All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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

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CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 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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