



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

|     |          |    |                |
|-----|----------|----|----------------|
| NO. | DATE     | BY | REVISION       |
| 2   | 21/07/16 | PP | EDB UPDATE     |
| 1   | 20/03/17 | PP | SEISMIC UPDATE |
|     |          |    | DES: RMOVVA    |
|     |          |    | DATE: 17/02/24 |
|     |          |    | SCALE: NTS     |

SHEET 1 OF 3

EDBSG3A0112DK0C

2.0 httpd 2026/06/13 07:39

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. SG3A0112DK0C

Serial No. [ ]  
No. de Serie [ ]

Phase 3 HV/HT 480Y/277V

Type K BIL 10 kV

Cooling Refroidissement ANN Term Bornes H0 H1 H2 H3

kVA 112.5 LV/BT 240V 271

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X1 X2 X3

Winding Enroulement CU Energy Regulations DOE 10 CFR PART 431:2016

Frequency Fréquence Hz 60 CEE ACT SOR/2018-201

Impedance % @ 170 °C 3.5

Encl. Type Type De Coffrage 3R

Weight Poids lbs 785

DRY TYPE TRANSFORMER 77US E112313  
ALSO REFER TO STANDARD CRO2-18  
BY UNDERWRITERS LABORATORIES INC. @ 316

LR 3902  
0342312775 6  
BY UNDERWRITERS LABORATORIES INC. @ 316

LISTED

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % TENSION NOMINALE | CONNECTION EACH PHASE CONNECTION PAR PHASE |
|-------|-----------------|------------------------------------|--|
| 252   | 258             | 105                                | 1  |
| 246   | 264             | 102.5                              | 2  |
| 240   | 271             | 100                                | 3  |
| 234   | 278             | 97.5                               | 4  |
| 228   | 285             | 95                                 | 5  |
| 222   | 293             | 92.5                               | 6  |
| 216   | 301             | 90                                 | 7  |

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

d000186hb

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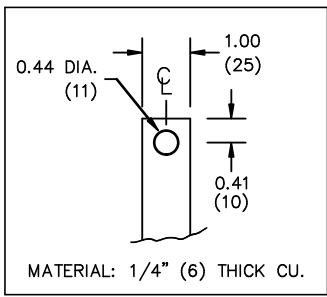
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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



CUSTOMER NOTES:

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



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SHEET 2 OF 3

EDBSC3A0112DKOC

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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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