



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

EDB SG3A0112DK

3.0 httpd 2026/06/25 03:23

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. SG3A0112DK

**LISTED**

LR 3902  
UL E112313  
UL E112313

DRY TYPE  
77US  
E112313

8 03423112341 3

ALSO REFER TO THE FOLLOWING STANDARDS:  
UL 1568 AND IEC 60076-18  
BY UNDERWRITERS LABORATORIES INC. @ 316

VOLTS	CURRENT COURANT	% RATED % 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

Serial No. [ ]  
No. de Serie [ ]

Phase 3 HV/HT

Type K BIL

Cooling Refroidissement ANN Term Bornes

kVA 112.5 LV/BT

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 5.5

Encl. Type Type de Coffrage 3R

Weight Poids lbs 705

480Y/277V

10 kV

H0 H1 H2 H3

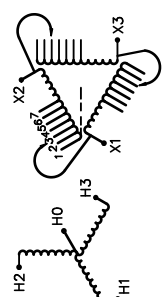
240V

10 kV

X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201



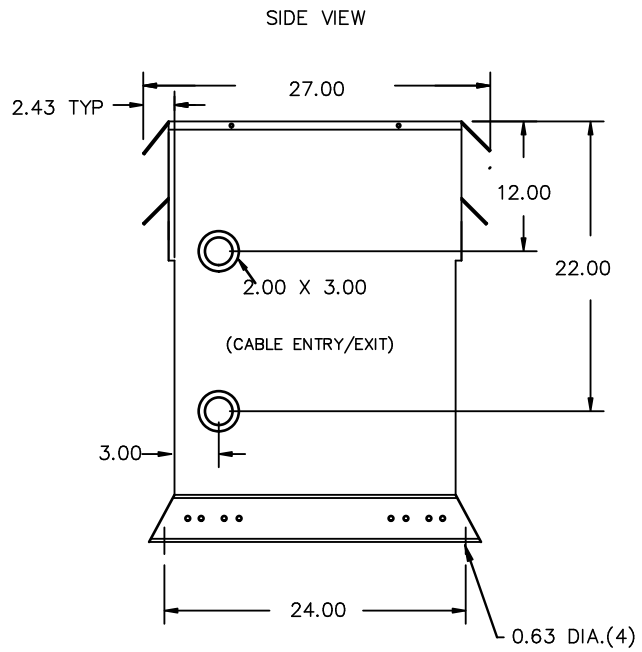
SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 Ip=1.5

d000186hb

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



All Dimensions in inches

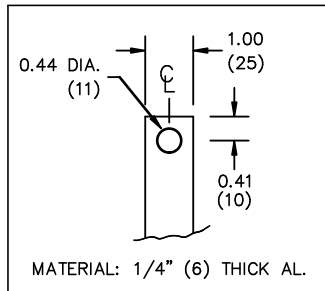


ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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



CUSTOMER NOTES:

- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP 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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