




TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	21/07/16	PP	EDB UPDATE
3	20/03/17	PP	SEISMIC UPDATE
			DES: JWEN
			DATE: 16/09/08
			SCALE: NTS

SHEET 1 OF 3

EDBSC3A0045DBOC

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**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. SG3A0045DBOC

LR 3902  
DRY TYPE  
FORMER  
77US  
E112313



LISTED

8 03423 12757 2  
ALSO REFER TO THE FOLLOWING STANDARDS:  
UL 1568 AND IEC 60076-18  
BY UNDERWRITERS LABORATORIES INC. @ 316

VOLTS	CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
252	103.1	105	1
246	105.6	102.5	2
240	108.3	100	3
234	111	97.5	4
228	114	95	5
222	117	92.5	6
216	120	90	7

Serial No. [ ]  
No. de Serie [ ]

Phase 3 HV/HT 240V 108.3A

Type K BIL 10 kV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 45 LV/BT 208Y/120V 125A

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X0 X1 X2 X3

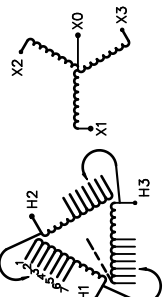
Winding Enroulement CU Energy Regulations DOE 10 CFR PART 431:2016

Frequency Fréquence Hz 60 Reglements de l'Énergétique CEE ACT SOR/2018-201

Impedance % @ 170 °C 3.9

Encl. Type Type de Coffrage 3R

Weight Poids lbs 395



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

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

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

d000186hb



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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