



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

EDBSG3A0045PKOC

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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. **SG3A0045PKOC**

LR 3902  
DRY TYPE TRANSFORMER  
77US  
E112313

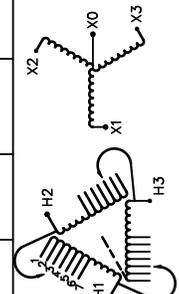


LISTED

0342312626  
ALSO REFER TO THE FOLLOWING STANDARDS:  
UL 1568 AND IEC 60074-18  
BY UNDERWRITERS LABORATORIES INC. @ 316

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	41.2	105	1
615	42.2	102.5	2
600	43.3	100	3
585	44.4	97.5	4
570	45.6	95	5
555	46.8	92.5	6
540	48.1	90	7



Cust. Ref. Ref. du Client	Serial No. No. de Serie	
Phase	HV/HT	600V
Type	BIL	10 kV
Cooling Refroidissement	Term Bornes	H1 H2 H3
kVA	LV/BT	480Y/277V
Temp. Rise Échauffement	BIL	10 kV
Temp Class Classe Temp	Term Bornes	X0 X1 X2 X3
Winding Enroulement	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency Fréquence Hz	Reglements de Énergétique	CEE ACT SOR/2018-201
Impedance % @ 170°C		
Encl. Type Type de Coffrage		
Weight Poids		410

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

d000186hb



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 #14-2 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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