




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: RMOVVA
			DATE: 16/03/17
			SCALE: NTS

SHEET 1 OF 3

EDB SG3A0225KKOC

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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

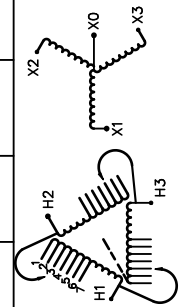
Part No. **SG3A0225KKOC**

 LR 3902  
 DRY TYPE  
 77US  
 E112313  
 ALSO SEE LISTING AND APPROVALS  
 BY UNDERWRITERS LABORATORIES INC. @ 316

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 0  
 8  
 ALSO SEE LISTING AND APPROVALS  
 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

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	258	105	1
492	264	102.5	2
480	271	100	3
468	278	97.5	4
456	285	95	5
444	293	92.5	6
432	301	90	7



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

Cust. Ref.	Serial No.	
Ref. du Client	No. de Serie	
Phase	HV/HT	480V
Type	BIL	10 kV
Cooling Refrondissement	Term Bornes	H1 H2 H3
kVA	LV/BT	480Y/277V
Temp. Rise Echauffement	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		1300

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 350MCM-6 CU/AL  
CONDUCTORS  
2 CONDUCTORS PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT

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



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EDBSC3A0225KK0C



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



TITLE: 3PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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