



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: 16/09/08
			SCALE: NTS

SHEET 1 OF 3

EDBSG3A0015DKOC

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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. **SG3A0015DKOC**


**hammond** LR 3902

DRY TYPE  
77US  
E112313

ALSO REFER TO LOCAL CODES  
TO ENERGY STANDARDS C902-18  
BY UNDERWRITERS LABORATORIES INC. @ 316



**LISTED**



8 03423 1277 8

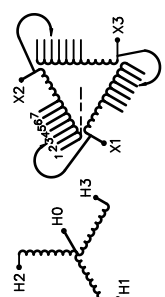
Cust. Ref. Ref. du Client	Serial No. No. de Serie		
Phase	HV/HT	480Y/277V	
Type	BIL	10 kV	
Cooling Refroidissement	ANN	H0 H1 H2 H3	
kVA	15	240V	
Temp. Rise Échauffement	150 °C	10 kV	
Temp Class Classe Temp	220 °C	X1 X2 X3	
Winding Enroulement	CU	DOE 10 CFR PART 431:2016	
Frequency Fréquence Hz	60	CEE ACT SOR/2018-201	
Impedance % @ 170 °C	3.8		
Encl. Type Type de Coffrage	3R		
Weight Poids	200		

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

**TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY**

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
252	34.4	105	1
246	35.2	102.5	2
240	36.1	100	3
234	37.0	97.5	4
228	38.0	95	5
222	39.0	92.5	6
216	40.1	90	7

SEISMIC QUALIFICATIONS:  
OSP=0.136/IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 Ip=1.5



d000186hb



All Dimensions in inches

ENCLOSURE COLOR : ANSI-61 GREY PAINT 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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SUITABLE FOR #14-2 CU/AL  
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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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