



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

EDB SG3A0015BK

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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. SG3A0015BK

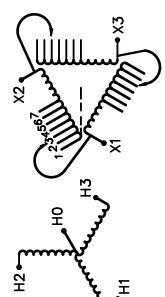
 LR 3902  
 LISTED  
 DRY TYPE TRANSFORMER  
 ALSO REFER TO THE FOLLOWING STANDARDS:  
 IEEE C57.12.00-2015  
 IEC 60076-3-18  
 BY UNDERWRITERS LABORATORIES INC. @ 3148

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 8 0342312273 7  
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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
218	39.7	105	1
213	40.6	102.5	2
208	41.6	100	3
203	42.7	97.5	4
198	43.8	95	5
192	45.0	92.5	6
187	46.3	90	7



SEISMIC QUALIFICATIONS:  
OSP=0.136/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	480Y/277V
Type	BIL	10 kV
Cooling	Term	H0 H1 H2 H3
Refrédissement	Bornes	
kVA	LV/BT	208V
Temp. Rise	BIL	10 kV
Echauffement	Term	X1 X2 X3
Classe Temp	Bornes	
Winding	Energy	DOE 10 CFR PART 431:2016
Enroulement	Regulations	
Frequency Hz	Reglements	CEE ACT SOR/2018-201
Impedance %	Énergétique	
@ 170 °C		
Encl. Type		
Type de Coffrage		
Weight		
Poids		180

d000186hb

FRONT VIEW



SIDE VIEW



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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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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