



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


3	21/07/16	PP	EDB UPDATE	DES: JWEN
2	20/03/17	PP	SEISMIC UPDATE	DATE: 15/11/09
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSG3A0015PK

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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. SG3A0015PK

LR 3902
DRY TYPE
TRANSFORMER
77US
E112313



LISTED

8 03423 12589 1g
ALSO REFER TO THE FOLLOWING STANDARDS:
UL 1568 AND IEC 60076-18
BY UNDERWRITERS LABORATORIES INC. @ 316

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	13.7	105	1
615	14.1	102.5	2
600	14.4	100	3
585	14.8	97.5	4
570	15.2	95	5
555	15.6	92.5	6
540	16.0	90	7

Serial No.
No. de Serie

3 HV/HT

Type K BIL

Cooling Refroidissement ANN Term Bornes

kVA 15 LV/BT

Temp. Rise Echauffement 150 °C BIL

Temp Class Classe Temp 220 °C Term Bornes

Winding Enroulement AL Energy Regulations

Frequency Fréquence Hz 60 Reglements de Énergétique

Impedance % @ 170 °C 5.5

Encl. Type Type de Coffrage 3R

Weight Poids lbs 175

600V

10 kV

H1 H2 H3

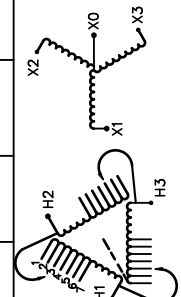
480Y/277V

10 kV

X0 X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201



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

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

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 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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