



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 SG3A0015DK

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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. SG3A0015DK

Serial No. []
No. de Serie []

Phase 3 HV/HT 480Y/277V

Type K BIL 10 kV

Cooling Refroidissement ANN Term Bornes H0 H1 H2 H3

kVA 15 LV/BT 240V

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X1 X2 X3

Winding Enroulement AL Energy Regulations DOE 10 CFR PART 431:2016

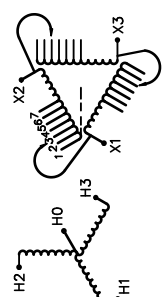
Frequency Fréquence Hz 60 Reglements de l'Energétique CEE ACT SOR/2018-201

Impedance % @ 170 °C 4.9

Encl. Type Type de Coffrage 3R

Weight Poids lbs 175

VOLTS	CURRENT COURANT	% RATED VOLTAGE % 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

LISTED

UL E112313

DRY TYPE TRANSFORMER 77US E112313

UL LR 3902

8 03423 12328 4

ALSO REFER TO ENERGY STANDARDS CODES BY UNDERWRITERS LABORATORIES INC. @ 316

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

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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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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