



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

EDBSC3A0045KK

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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. **SG3A0045KK**

LISTED  **LR 3902**

DRY TYPE TRANSFORMER
77US E112313

8 03423 12475 5

ALSO REFER TO THE FOLLOWING STANDARDS:
UL 1561 AND IEC 60076-18
BY UNDERWRITERS LABORATORIES INC. © 2016

Serial No. No. de Serie	HV/HT	480V	VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
3	K	10 kV	504	51.5	105	1
	ANN	H1 H2 H3	492	52.8	102.5	2
	45	480Y/277V	480	54.1	100	3
	150 °C	10 kV	468	55.5	97.5	4
	220 °C	X0 X1 X2 X3	456	57.0	95	5
	AL	DOE 10 CFR PART 431:2016	444	58.5	92.5	6
	60	CEE ACT SOR/2018-201	432	60.1	90	7
	4.1					
	3R					
	350					

Temp. Rise Echauffement: 150 °C

Temp Class Classe Temp: 220 °C

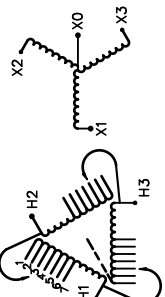
Winding Enroulement: AL

Frequency Fréquence Hz: 60

Impedance % @ 170 °C: 4.1

Encl. Type Type de Coffrage: 3R

Weight Poids: 350 lbs



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

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

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 #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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