



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES:	SCALE:
5	23/07/19	AO	UPDATED EDB	GPATEL	NTS
4	21/07/16	PP	EDB UPDATE	DATE: 16/01/29	

SHEET 1 OF 3

EDBSC3A0075DBOC

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. **SG3A0075DBOC**

UL LR 3902
DRY TYPE
77US
E112313
ALSO LISTED TO ENERGY STANDARDS CANADA C22.2-18
BY UNDERWRITERS LABORATORIES INC. 0148

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

0342317258
800 342317258
BY UNDERWRITERS LABORATORIES INC. 0148

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

VOLTS	CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
250	173	104	1
245	177	102	2
240	180	100	3
235	184	98	4
230	188	96	5
226	192	94	6
221	196	92	7

Cust. Ref. Ref. du Client	Serial No. No. de Serie	240V	180A
Phase	HV/HT	10 kV	
Type	BIL	H1 H2 H3	
Cooling Refroidissement	ANN	208Y/120V	208A
kVA	75	10 kV	
Temp. Rise Échauffement	150 °C	X0 X1 X2 X3	
Temp Class Classe Temp	220 °C	DOE 10 CFR PART 431:2016	
Winding Enroulement	CU	CEE ACT SOR/2018-201	
Frequency Fréquence Hz	60		
Impedance % @ 170 °C	3.2		
Encl. Type Type de Coffrage	3R		
Weight lbs/kg Poids	625/284		

d000186hb



All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV 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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