




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
3	21/07/16	PP	EDB UPDATE	DES: RMOVVA
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/05/16
				SCALE: NTS

SHEET 1 OF 3

EDBSG3A0045BKOC

3.0 httpd 2026/04/02 08:09



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. **SG3A0045BKOC**

Cust. Ref. [] Serial No. []
Ref. du Client [] No. de Serie []

Phase **3** HV/HT []

Type **K** BIL []

Cooling **ANN** Term Bornes []
Refrédissement []

kVA **45** LV/BT []

Temp. Rise **150 °C** BIL []
Echauffement []

Temp Class **220 °C** Term Bornes []
Classe Temp []

Winding **CU** Energy Regulations []
Enroulement []

Frequency **60** Reglements []
Fréquence Hz []

Impedance % **4.2** []
@ 170 °C []

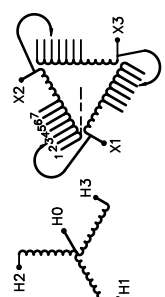
Encl. Type **3R** []
Type De Coffrage []

Weight **385** lbs []
Poids []

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218	119	105	1
213	122	102.5	2
208	125	100	3
203	128	97.5	4
198	131	95	5
192	135	92.5	6
187	139	90	7

Transformer suitable for step up operation only

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

0000186hb



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

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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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