



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: PPLICASSI
			DATE: 15/12/02
			SCALE: NTS

SHEET 1 OF 3

EDBSC3A0075BKOC

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POWER SOLUTIONS
Guelph, ONT Compton, CA Hyderabad, IN

HPS Sentinel™ G
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI Monterrey, MX
Part No. SG3A0075BKOC

Serial No. []
No. de Serie []

HV/HT 480Y/277V

BIL 10 kV

Term Bornes H0 H1 H2 H3

LV/BT 208V

BIL 10 kV

Term Bornes X1 X2 X3

Energy Regulations DOE 10 CFR PART 431:2016

Reglements de l'Energétique CEE ACT SOR/2018-201

CU

60

3.8

3R

595

3

K

ANN

75

150 °C

220 °C

CU

60

3.8

3R

595

3

K

ANN

75

150 °C

220 °C

CU

60

3.8

3R

595

Hyderabad, IN Compton, CA Monterrey, MX Part No. SG3A0075BKOC

Cust. Ref. [] Ref. du Client []

Phase 3 HV/HT 480Y/277V

Type K BIL 10 kV

Cooling Refroidissement ANN Term Bornes H0 H1 H2 H3

kVA 75 LV/BT 208V

Temp. Rise Echauffement 150 °C BIL 10 kV

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

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

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

Impedance % @ 170 °C 3.8

Encl. Type Type de Coffrage 3R

Weight Poids lbs 595

218
213
208
203
198
192
187

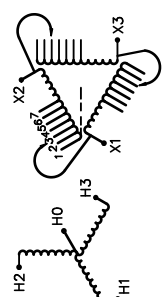
198
203
208
214
219
225
231

105
102.5
100
97.5
95
92.5
90

CONNECTION EACH PHASE CONNECTION PAR PHASE

1
2
3
4
5
6
7

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



TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT

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 #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 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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