




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: DCORTEZ
2	21/07/16	PP	EDB UPDATE	DATE: 17/03/15
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SG3A0150KYOC

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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. **SG3A0150KYOC**

LR 3902
UL LISTED
DRY TYPE TRANSFORMER
E112313
UL ALSO REFER TO ENERGY STANDARDS C900-18
BY UNDERWRITERS LABORATORIES INC. 0148



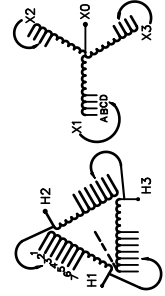
8 03423 12809 8

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES

ONLY ONE TAP IN USE AT A TIME
RATOR ERROR +/- 1.2 % ON SOME SEC TAPS

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

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	172	105	1
492	176	102.5	2
480	180	100	3
468	185	97.5	4
456	190	95	5
444	195	92.5	6
432	200	90	7
430	201.4		A
416	208.1		B
400	216.5		C
380	228.0		D



Cust. Ref.	Serial No.	
Ref. du Client	No. de Serie	
Phase	HV/HT	480V
Type	BIL	10 kV
Cooling Refroidissement	Term Bornes	H1 H2 H3
kVA	LV/BT	400Y/231V
Temp. Rise Échauffement	BIL	10 kV
Temp Class Classe Temp	Term Bornes	X0 X1 X2 X3
Winding Enroulement	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency Fréquence Hz	Reglements de Énergétique	CEE ACT SOR/2018-201
Impedance % @ 170 °C		
Encl. Type Type de Coffrage		
Weight Poids	lbs	1100

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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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



TITLE: 3PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

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