




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**

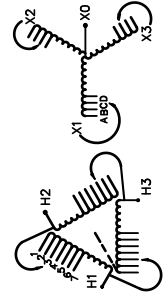
LISTED  **LR 3902**
 DRY TYPE TRANSFORMER 80342312809 18
 ALSO REFER TO CATALOGUE
 TO ENERGY STANDARDS C200-18
 BY UNDERWRITERS LABORATORIES INC. 0148

Cust. Ref. Ref. du Client		Serial No. No. de Serie	VOLTS		CURRENT COURANT		% RATED % TENSION NOMINALE		CONNECTION EACH PHASE CONNECTION PAR PHASE	
Phase	3	HV/HT	504	480V	172	105	1			
Type	K	BIL	492	10 kV	176	102.5	2			
Cooling Refroidissement	ANN	Term Bornes	480	H1 H2 H3	180	100	3			
kVA	150	LV/BT	468	400Y/231V	185	97.5	4			
Temp. Rise Échauffement	150 °C	BIL	456	10 kV	190	95	5			
Temp Class Classe Temp	220 °C	Term Bornes	444	X0 X1 X2 X3	200	92.5	6			
Winding Enroulement	CU	Energy Regulations de Énergétique	432	DOE 10 CFR PART 431:2016	201.4	90	7			
Frequency Fréquence Hz	60		430	CEE ACT SOR/2018-201	208.1		A			
Impedance % @ 170 °C	3.1		416		216.5		B			
Encl. Type Type de Coffrage	3R		400		228.0		C			
Weight Poids	1100		380				D			

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

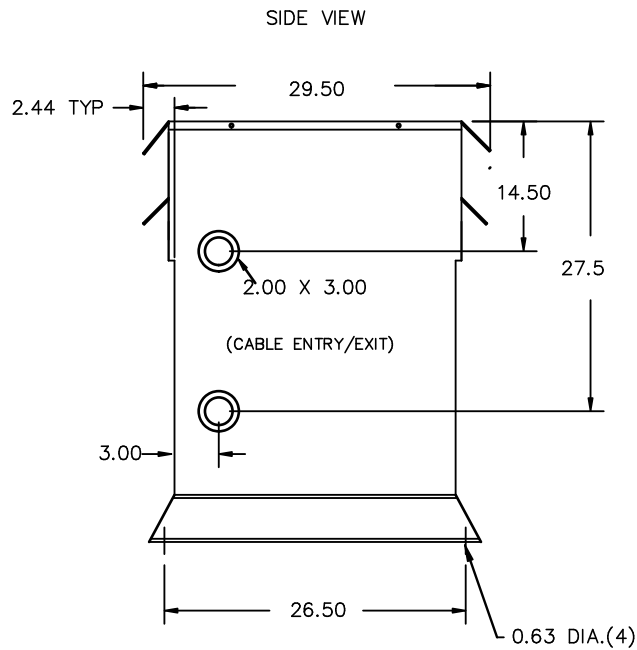
SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5



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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