




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	24/01/10	MM	REVISED DEPTH DIM.	DES: DCORTEZ
2	21/07/16	PP	EDB UPDATE	DATE: 18/02/21
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSC3A0500PKOC

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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. **SG3A0500PKOC**

LR 3902
DRY TYPE
77US
E112313



ALSO REFER TO ENERGY STANDARDS C900-18
BY UNDERWRITERS LABORATORIES INC. 0148

03423172854 8



LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	458	105	1-2
615	469	102.5	2-3
600	481	100	3-4
585	493	97.5	4-5
570	506	95	5-6
555	520	92.5	6-7
540	535	90	7-8

Serial No.
No. de Serie

3 HV/HT

Type
BIL

Cooling
Refrondissement
ANN

kVA
500

Temp. Rise
Échauffement
150 °C

Temp Class
Classe Temp
220 °C

Winding
Enroulement
CU

Frequency
Fréquence Hz
60

Impedance %
@ 170 °C
5.7

Encl. Type
Type de Coffrage
3R

Weight
Poids
lbs/kg
3150/1429

600V

10 kV

H1 H2 H3

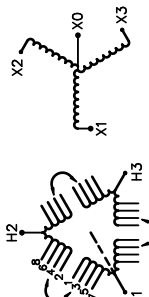
480Y/277V 601A

10 kV

X0 X1 X2 X3

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201



SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

d000186hb

FRONT VIEW



** - Recommended cable entry locations only
cutouts & gland plates not provided.

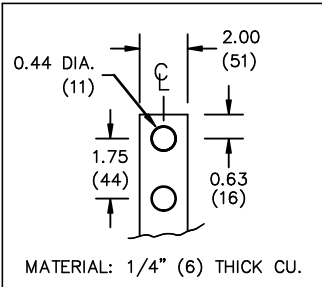
SIDE VIEW



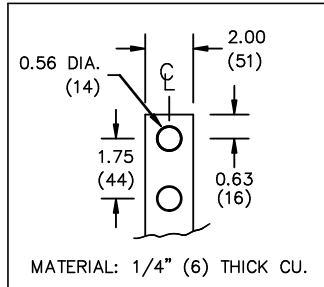
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



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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