



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: PPLICASSI
			DATE: 17/10/06
			SCALE: NTS

SHEET 1 OF 3

EDBSC3A0500BKOC

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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. SG3A0500BKOC

LR 3902
DRY TYPE
77US
E112313



ALSO REFER TO CATALOGS
TO ENERGY STANDARDS C202-18
BY UNDERWRITERS LABORATORIES INC. 0198

0342312746
6



LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES
TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

Cust. Ref. Ref. du Client	Serial No. No. de Serie	480Y/277V	601A	CONNECTION EACH PHASE CONNECTION PAR PHASE	1-2 2-3 3-4
Phase	3	HV/HT		% RATED VOLTAGE % TENSION NOMINALE	105 100 95
Type	K	BIL	10 kV	CURRENT COURANT	1322 1388 1461
Cooling Refrondissement	ANN	Term Bornes	H0 H1 H2 H3	VOLTS	218 208 198
kVA	500	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 de Énergétique	DOE 10 CFR PART 431:2016		
Frequency Fréquence Hz	60		CEE ACT SOR/2018-201		
Impedance % @ 170 °C	5.6				
Encl. Type Type de Coffrage	3R				
Weight Poids	3450				

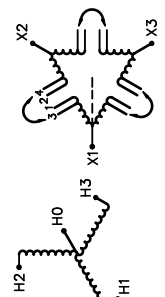


Diagram showing terminal connections: H0, H1, H2, H3, X1, X2, X3.

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.

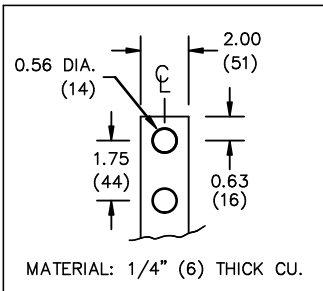
SIDE VIEW



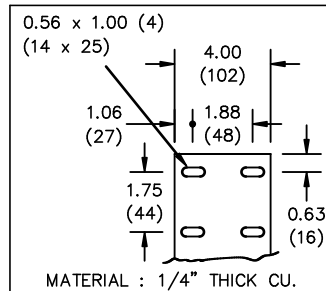
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

H.V.1. TERMINAL DETAIL



L.V.1. TERMINAL DETAIL



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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