




TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
NO.	DATE	BY	REVISION
			DES: RMOVVA
			DATE: 17/10/06
			SCALE: NTS

SHEET 1 OF 3

EDB SG3A0225DKOC

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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. **SG3A0225DKOC**

LR 3902
DRY TYPE
77US
E112313



LISTED

8 03423 12777 0
ALSO REFER TO CATALOGUE
TO ENERGY STANDARDS C902-18
BY UNDERWRITERS LABORATORIES INC. @ 316

Cust. Ref. Ref. du Client	Serial No. No. de Serie	480Y/277V	271A	CONNECTION EACH PHASE CONNECTION PAR PHASE	1 2 3
Phase	3	HV/HT		% RATED VOLTAGE % TENSION NOMINALE	105 100 95
Type	K	BIL	10 kV	CURRENT COURANT	515 541 570
Cooling Refrondissement	ANN	Term Bornes	H0 H1 H2 H3	VOLTS	252 246 228
kVA	225	LV/BT	240V	541A	
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 Energétique	DOE 10 CFR PART 431:2016		
Frequency Fréquence Hz	60	CEE ACT SOR/2018-201			
Impedance % @ 170 °C	3.3				
Encl. Type Type de Coffrage	3R				
Weight Poids	1550				

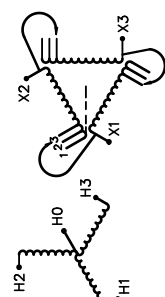


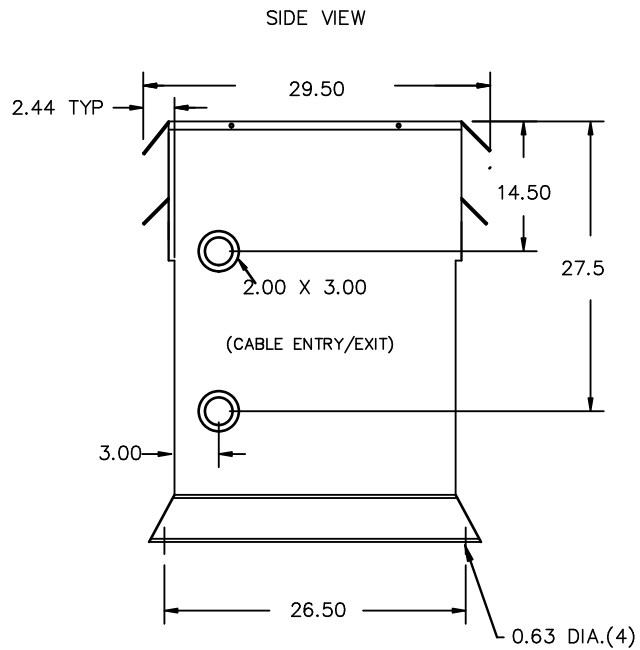
Diagram showing terminal connections: H0, H1, H2, H3, X1, X2, X3.

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

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY
TURNS RATIO ERROR IS TO THE NEAREST TURN PER STANDARD EXCEPT NOMINAL TAP WHICH IS +/-0.5%

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

d000186hb



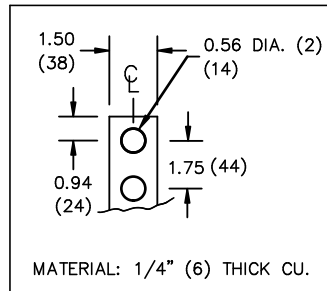
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP 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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