




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE
			DES: ASETH DATE: 16/01/10 SCALE: NTS

SHEET 1 OF 3

EDBSC3A0225DK

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POWER SOLUTIONS
Guelph, ONT Compton, CA Hyderabad, IN
Baraboo, WI Monterrey, MX

HPS Sentinel™ G
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Part No. **SG3A0225DK**

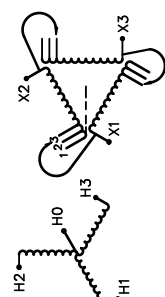
LR 3902
UL LISTED
DRY TYPE TRANSFORMER
E112313
UL 77US
UL 803423
UL 12766
UL 4

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

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 Refroidissement	ANN	Term Bornes	H0 H1 H2 H3	VOLTS	252 246 228
kVA	225	LV/BT	240V		
Temp. Rise Échauffement	150 °C	BIL	10 kV		
Temp Class Classe Temp	220 °C	Term Bornes	X1 X2 X3		
Winding Enroulement	AL	Energy Regulations de Énergétique	DOE 10 CFR PART 431:2016		
Frequency Hz	60		CEE ACT SOR/2018-201		
Impedance % @ 170 °C	5.1				
Encl. Type Type de Coffrage	3R				
Weight Poids	1500				

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



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

d000186hb



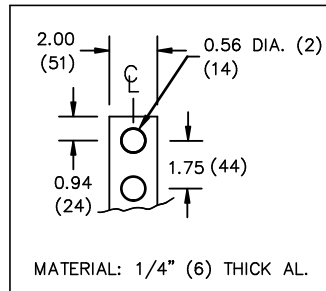
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM-6 CU/AL
CONDUCTORS
2 CONDUCTORS PER PHASE



CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV 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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