



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: PPICASSI
1	20/03/17	PP	SEISMIC UPDATE	DATE: 19/05/31
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0112PK4K

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POWER SOLUTIONS
Guelph, ONT
Compton, CA

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

LR 3902
DRY TYPE TRANSFORMER
E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ2-18 BY UNDERWITERS LABORATORIES INC. 316

Hyderabad, IN Monterrey, MX Part No. SK3A0112PK4K

Cust. Ref.	Serial No.	HV/HT	600V	108.3A	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
Ref. du Client	No. de Serie				630	103.1	105	1
Phase		BIL	10 kV		615	105.6	102.5	2
Type		Term Bornes	H1 H2 H3		600	108.3	100	3
Cooling Refroidissement		LV/BT	480Y/277V	1.35A	585	111	97.5	4
kVA		BIL	10 kV		570	114	95	5
Temp. Rise Echauffement	150 °C	Term Bornes	X0 X1 X2 X3		555	117	92.5	6
Temp Class	220 °C	Energy Regulations	DOE 10 CFR PART 431:2016		540	120	90	7
Winding Enroulement	CU	Reglements Energetique	CEE ACT SOR/2018-201					
Frequency	60							
Impedance % @ 170 °C	3.6							
Encl Type Type De Coffrage	3R	Suitable for non-sinusoidal current load with K-factor not to exceed 4 Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4						
Weight lbs/kg	775/352							

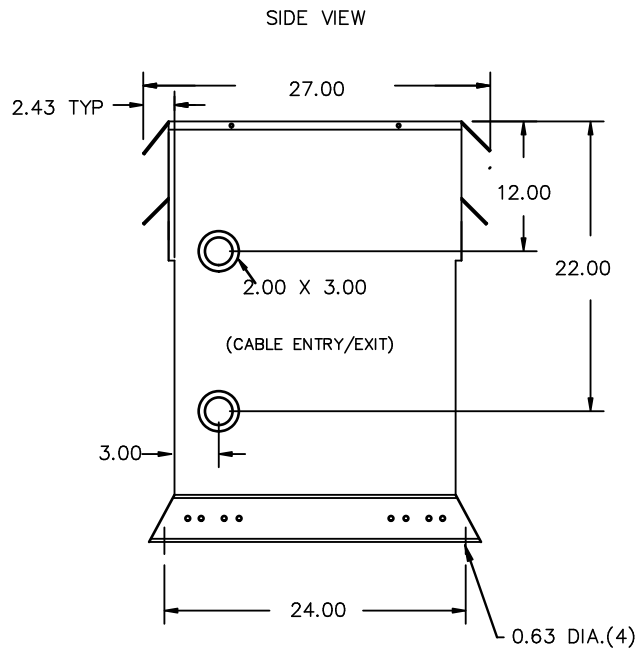
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

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

d000187hb



All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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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
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



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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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