



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: CSHAH
1	20/03/17	PP	SEISMIC UPDATE	DATE: 19/07/08
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0112PK4S

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POWER SOLUTIONS
Guelph, ONT Compton, CA
Hyderabad, IN

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. 3106

Part No. SK3A0112PK4S

Cust. Ref.	Serial No.	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
3	HV/HT	630	103.1	105	1
K	BIL	615	105.6	102.5	2
ANN	Term Bornes	600	108.3	100	3
112.5	LV/BT	585	111	97.5	4
150 °C		570	114	95	5
220 °C		555	117	92.5	6
AL		540	120	90	7

Temp. Rise Echauffement: 150 °C

Temp Class Classe Temp: 220 °C

Winding Enroulement: AL

Frequency Fréquence Hz: 60

Impedance % @ 170 °C: 6.1

Encl Type Type De Coffrage: 3R

Weight Poids lbs: 700

Serial No. []

HV/HT: 600V

BIL: 10 kV

Term Bornes: H1 H2 H3

LV/BT: 480Y/277V 135A

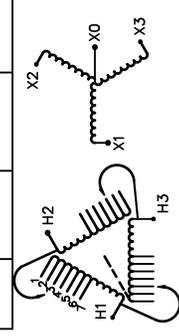
BIL: 10 kV

Term Bornes: X0 X1 X2 X3

Energy Regulations Règlement Énergétique: DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

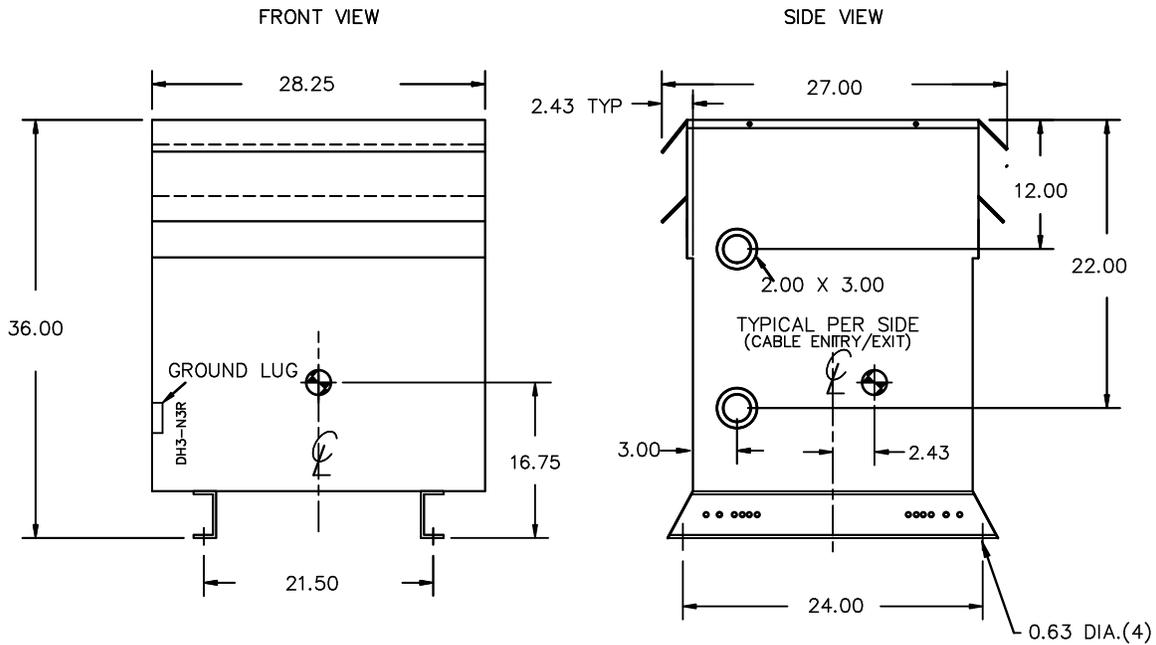
Suitable for non-sinusoidal current load with K-factor not to exceed 4
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4



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

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

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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