



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION
4	21/09/08	PP	NPL UPDATE
3	21/07/16	PP	EDB UPDATE
			DES: JWEN
			DATE: 16/09/08
			SCALE: NTS

SHEET 1 OF 3

EDBSK3A0030PB4K

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POWER SOLUTIONS
Guelph, ONT
Compton, CA

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique
Baraboo, WI
Monterrey, MX

Part No. **SK3A0030PB4K**

Cust. Ref. [] Serial No. []
Ref. du Client [] No. de Serie []

Phase 3 HV/HT 600V 28.9A
Type K BIL 10 kV
Cooling Refroidissement ANN Term Bornes H1 H2 H3
kVA 30 LV/BT 208Y/120V 83.3A
Temp. Rise Echauffement 150 °C BIL 10 kV
Temp Class 220 °C Term Bornes X0 X1 X2 X3
Winding Enroulement CU Energy Regulations DOE 10 CFR PART 431:2016
Frequency Fréquence Hz 60 CEE ACT SOR/2018-201
Impedance % @ 170 °C 3.7 Suitable for non-sinusoidal current load with K-factor not to exceed 4
Encl Type Type De Coffrage 3R Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4
Weight Poids lbs/kg 320/146

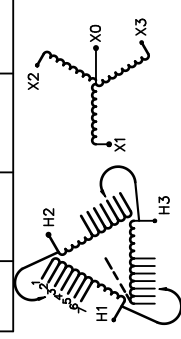
HYDRABAD, IN COMPTON, CA MONTERREY, MX
GUELPH, ONTARIO, CANADA

DRY TYPE TRANSFORMER E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERMETERS LABORATORIES INC. © 316

LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD

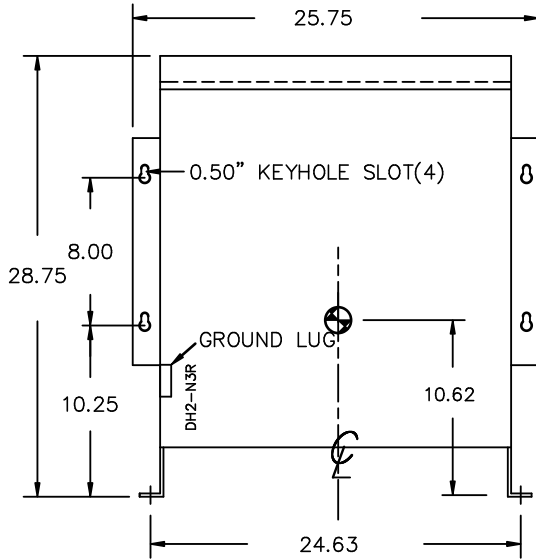
VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
630	27.5	105	1
615	28.2	102.5	2
600	28.9	100	3
585	29.6	97.5	4
570	30.4	95	5
555	31.2	92.5	6
540	32.1	90	7



SEISMIC QUALIFICATIONS:
GSP-0136/IBC, 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

d000187hb

FRONT VIEW



SIDE VIEW



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 #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM-6 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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