



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	21/12/15	PP	EDB UPDATE
3	21/07/16	PP	EDB UPDATE
			DES: JWEN
			DATE: 16/09/08
			SCALE: NTS

SHEET 1 OF 3

EDBSK3A0030KK4K

POWER SOLUTIONS

Guelph, ONT Compton, CA Hyderabad, IN

HPS Sentinel™ K

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI Monterrey, MX

Part No. SK3A0030KK4K

LR 3902

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWITERS 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
504	34.4	105	1
492	35.2	102.5	2
480	36.1	100	3
468	37.0	97.5	4
456	38.0	95	5
444	39.0	92.5	6
432	40.1	90	7

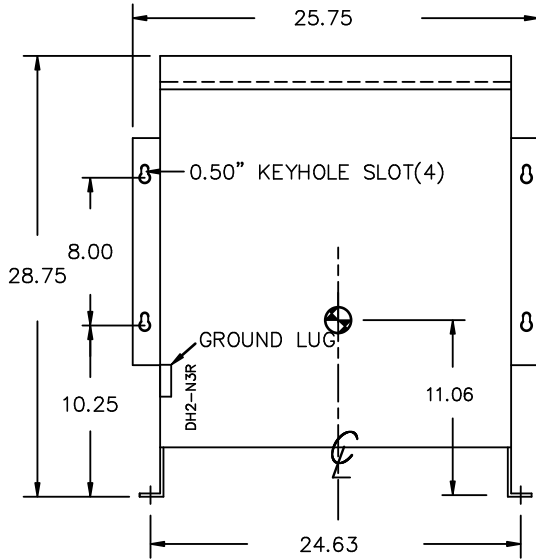
Serial No. No. de Serie	
HV/HT	480V 36.1A
BIL	10 kV
Term Bornes	H1 H2 H3
LV/BT	480Y/277V 36.1A
BIL	10 kV
Term Bornes	X0 X1 X2 X3
Energy Regulations Règlement Énergétique	DOE 10 CFR PART 431:2016
CEE ACT SOR/2018-201	
Suitable for non-sinusoidal current load with K-factor not to exceed 4	
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4	

Cust. Ref. Ref. du Client	
Phase	3
Type	K
Cooling Refroidissement	ANN
kVA	30
Temp. Rise Echauffement	150 °C
Temp Class Classe Temp	220 °C
Winding Enroulement	CU
Frequency Fréquence Hz	60
Impedance % @ 170 °C	3.7
Encl Type Type De Coffrage	3R
Weight lbs/kg Poids	320/146

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

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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

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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 ENCLOSURE BOTTOM VIEW

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