



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	21/07/16	PP	EDB UPDATE	DES: JWEN
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/09/08
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSK3A0045KK3S

3.0 httpd 2026/04/04 22:17

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 C802.2-18 BY UNDERMETERS LABORATORIES INC. © 316

Hyderabad, IN Monterrey, MX Part No. SK3A0045KK3S

Cust. Ref.	Serial No.	HV/HT	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
Ref. du Client	No. de Serie					
Phase	3	480V	504	51.5	105	1
Type	K	10 kV	492	52.8	102.5	2
Cooling Refroidissement	ANN	H1 H2 H3	480	54.1	100	3
kVA	45	LV/BT	468	55.5	97.5	4
Temp. Rise Echauffement	150 °C	BIL	456	57.0	95	5
Temp Class	220 °C	Term Bornes	444	58.5	92.5	6
Winding Enroulement	AL	DOE 10 CFR PART 431:2016	432	60.1	90	7
Frequency	60	Regulations Réglements				
Impedance % @ 170 °C	4.1	Energetique				
Encl Type Type De Coffrage	3R	CEE ACT SOR/2018-201				
Weight Poids	370	Suitable for non-sinusoidal current load with K-factor not to exceed 13 Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 13				

SEISMIC QUALIFICATIONS:
X3 FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=1.5

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

d000187hb



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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

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CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM 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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