




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

EDBSK3A0030KK9S

3.0 httpd 2026/04/23 10:24



**POWER SOLUTIONS**  
Guelph, ONT Compton, CA  
Hyderabad, IN

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

Part No. **SK3A0030KK9S**

Cust. Ref. [ ]  
Ref. du Client [ ]

Serial No. [ ]  
No. de Serie [ ]

HV/HT [ ]  
480V

BIL [ ]  
10 kV

Term Bornes [ ]  
H1 H2 H3

LV/BT [ ]  
480Y/277V

Temp. Rise [ ]  
Echauffement [ ]

Temp Class [ ]  
Classe Temp [ ]

Winding [ ]  
Enroulement [ ]

Frequency [ ]  
Fréquence Hz [ ]

Impedance % [ ]  
Impédance % [ ]

Encl Type [ ]  
Type De Coffrage [ ]

Weight [ ]  
Poids [ ]

3

4.7

3R

295

DOE 10 CFR PART 431:2016  
CEE ACT SOR/2018-201

Suitable for non-sinusoidal current load with K-factor not to exceed 9  
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 9

VOLTS  
504  
492  
480  
468  
456  
444  
432

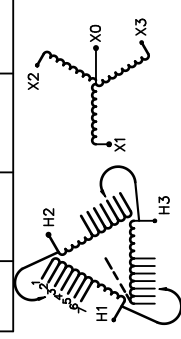
CURRENT COURANT  
34.4  
35.2  
36.1  
37.0  
38.0  
39.0  
40.1

% RATED VOLTAGE NOMINALE  
105  
102.5  
100  
97.5  
95  
92.5  
90

CONNECTION CONNECTION  
PAR PHASE PAR PHASE

1  
2  
3  
4  
5  
6  
7


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




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

SP @ LR 3902  
DRY TYPE TRANSFORMER  
E112313  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERMETERS LABORATORIES INC. © 306

LISTED





8 03423 12978 1

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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 ENCLOSURE BOTTOM VIEW

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