



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

EDBSK3A0015KK9K

3.0 httpd 2026/04/02 22:58

POWER SOLUTIONS
Guelph, ONT
Compton, CA

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Hyderabad, IN
Baraboo, WI
Monterrey, MX

Part No. **SK3A0015KK9K**

Serial No. []
HV/HT 480V
BIL 10 kV
Term Bornes H1 H2 H3
LV/BT 480Y/277V
BIL 10 kV
Term Bornes X0 X1 X2 X3

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

Regulations Energetique
Frequency 60
Impedance % 4.2
Encl Type 3R
Weight lbs 190

Customer Reference: []
Phase 3
Type K
Cooling Refroidissement ANN
kVA 15
Temp. Rise Echauffement 150 °C
Temp Class 220 °C
Winding Enroulement CU
Frequency Hz 60
Impedance % @ 170 °C 4.2
Encl Type 3R
Weight Poids lbs 190

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION CONNECTION PAR PHASE
504	17.2	105	1
492	17.6	102.5	2
480	18.0	100	3
468	18.5	97.5	4
456	19.0	95	5
444	19.5	92.5	6
432	20.0	90	7

SEISMIC QUALIFICATIONS:
X0 FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=1.5

LISTED
UL E112313
DRY TYPE TRANSFORMER
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 BY UNDERWITERS LABORATORIES INC. 316

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

d000187hb

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



All Dimensions in inches

ENCLOSURE COLOR : ANSI-61 GREY PAINT 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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