



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE
3	21/07/16	PP	EDB UPDATE

DES:	JWEN
DATE:	15/11/17
SCALE:	NTS

SHEET 1 OF 3

EDBSK3A0030KB9S

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

**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. **SK3A0030KB9S**

Serial No. [ ]  
HV/HT 480V  
BIL 10 kV  
Term Bornes H1 H2 H3  
LV/BT 208Y/120V  
BIL 10 kV  
Term Bornes X0 X1 X2 X3  
DOE 10 CFR PART 431:2016  
CEE ACT SOR/2018-201

Cust. Ref. [ ]  
Phase 3  
Type K  
Cooling Refroidissement ANN  
kVA 30  
Temp. Rise Echauffement 150 °C  
Temp Class Classe Temp 220 °C  
Winding Enroulement AL  
Frequency Fréquence Hz 60  
Impedance % @ 170 °C 4  
Encl Type Type De Coffrage 3R  
Weight Poids lbs 290

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

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

LISTED  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 BY UNDERMETERS LABORATORIES INC. 316

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

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

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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