



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION


4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: JWEN
3	21/07/16	PP	EDB UPDATE	DATE: 15/11/17
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSK3A0015KB9S


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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

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

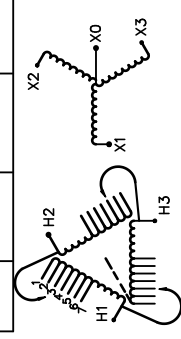


LR 3902  
DRY TYPE TRANSFORMER E112313  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ2-18 BY UNDERWITERS LABORATORIES INC. 3106

Hyderabad, IN    Monterrey, MX    Part No. SK3A0015KB9S

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONFIGURATION PAR PHASE
3	K	480V	504	17.2	105	1
Type	BIL	10 kV	492	17.6	102.5	2
Cooling Refroidissement	ANN	H1 H2 H3	480	18.0	100	3
kVA	15	LV/BT	468	18.5	97.5	4
Temp. Rise Echauffement	150 °C	BIL	456	19.0	95	5
Temp Class	220 °C	Term Bornes	444	19.5	92.5	6
Winding Enroulement	AL	10 kV	432	20.0	90	7
Frequency Fréquence Hz	60	Term Bornes				
Impedance % @ 170 °C	5	Energy Regulations Réglements Énergétique				
Encl Type Type De Coffrage	3R	DOE 10 CFR PART 431:2016				
Weight Poids lbs	175	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



SEISMIC QUALIFICATIONS:  
AS 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 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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 ENCLOSURE BOTTOM VIEW

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