




TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: RMOVVA
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/06/12
				NTS

SHEET 1 OF 3


EDBSK3A0075PB9S

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

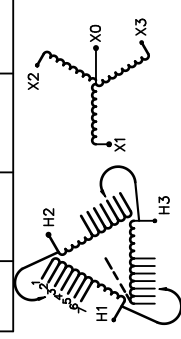
**HPS Sentinel™ K**  
Energy Efficient Distribution Transformer  
Transformateur de Distribution à Bon Rendement Énergétique



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

Hyderabad, IN    Monterrey, CA    Monterrey, MX    Part No. SK3A0075PB9S

Cust. Ref. Ref. du Client	Serial No. No. de Serie	600V	72.2A	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONFIGURATION PAR PHASE
3	HV/HT	10 kV		630	68.7	105	1
K	BIL			615	70.4	102.5	2
ANN	Term Bornes	H1 H2 H3		600	72.2	100	3
75	LV/BT	208Y/120V 208A		585	74.0	97.5	4
150 °C	BIL	10 kV		570	76.0	95	5
220 °C	Term Bornes	X0 X1 X2 X3		555	78.0	92.5	6
AL	Energy Regulations	DOE 10 CFR PART 431:2016		540	80.2	90	7
60	Reglements Energétique	CEE ACT SOR/2018-201					
3.9	Impedance % @ 170 °C	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					
3R	Encl Type Type De Coffrage						
605	Weight Poids						



SEISMIC QUALIFICATIONS:  
XS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/n=1 Ip=1.5

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 – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL

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

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
2 CONDUCTORS PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



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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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