



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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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

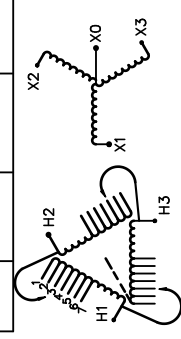


LR 3902
DRY TYPE TRANSFORMER
E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 BY UNDERMETERS LABORATORIES INC. 3106

Hyderabad, IN Monterrey, MX Part No. SK3A0075PB9S

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	600V	72.2A	
Phase	3	BIL	10 kV		
Type	K	Term Bornes	H1 H2 H3		
Cooling Refrondissement	ANN	LV/BT	208Y/120V	208A	
kVA	75	BIL	10 kV		
Temp. Rise Echauffement	150 °C	Term Bornes	X0 X1 X2 X3		
Temp Class Classe Temp	220 °C	Energy Regulations Règlements Énergétique	DOE 10 CFR PART 431:2016		
Winding Enroulement	AL	CEE ACT SOR/2018-201			
Frequency Fréquence Hz	60	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			
Impedance % ① 170 °C	3.9				
Encl Type Type De Coffrage	3R				
Weight Poids lbs	605				

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONFIGURATION PAR PHASE
630	68.7	105	1
615	70.4	102.5	2
600	72.2	100	3
585	74.0	97.5	4
570	76.0	95	5
555	78.0	92.5	6
540	80.2	90	7



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
ÉLECTROSTATIC SHIELD

d000187hb



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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