




TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

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

SHEET 1 OF 3


EDBSK3A0150PB9K

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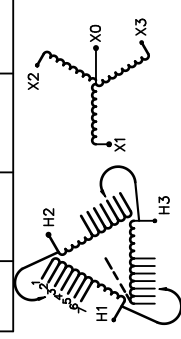
**POWER SOLUTIONS**  
Guelph, ONT  
Compton, CA

**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 UNDERMILLERS LABORATORIES INC. 316

Hyderabad, IN    Monterrey, MX    Part No. SK3A0150PB9K

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION FOR CONNECTION PAR PHASE
3	K	600V	630	137.0	105	1
Type	BIL	10 kV	615	141.0	102.5	2
Cooling Refroidissement	ANN	H1 H2 H3	600	144.0	100	3
kVA	150	LV/BT	585	148.0	97.5	4
Temp. Rise Echauffement	150 °C	BIL	570	152.0	95	5
Temp Class	220 °C	Term Bornes	555	156.0	92.5	6
Winding Enroulement	CU	DOE 10 CFR PART 431:2016	540	160.0	90	7
Frequency	60	CEE ACT SOR/2018-201				
Impedance % @ 170 °C	3.5	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				
Encl Type Type De Coffrage	3R					
Weight Poids	1100					

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

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

d000187hb

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



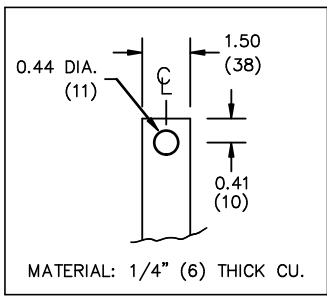
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 250MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE



- CUSTOMER NOTES:
- HV1 TERMINATED AT TOP FRONT
  - LV1 TERMINATED AT BOTTOM FRONT



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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



TITLE: 3PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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