



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES:	JWEN
4	21/07/16	PP	EDB UPDATE	DATE:	15/11/17
3	20/03/31	PP	EDB UPDATE	SCALE:	NTS

SHEET 1 OF 3

EDBSK3A0075PB3S

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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 CROZ2-18 BY UNDERWITERS LABORATORIES INC. 3106

Hyderabad, IN Monterrey, MX Part No. SK3A0075PB3S

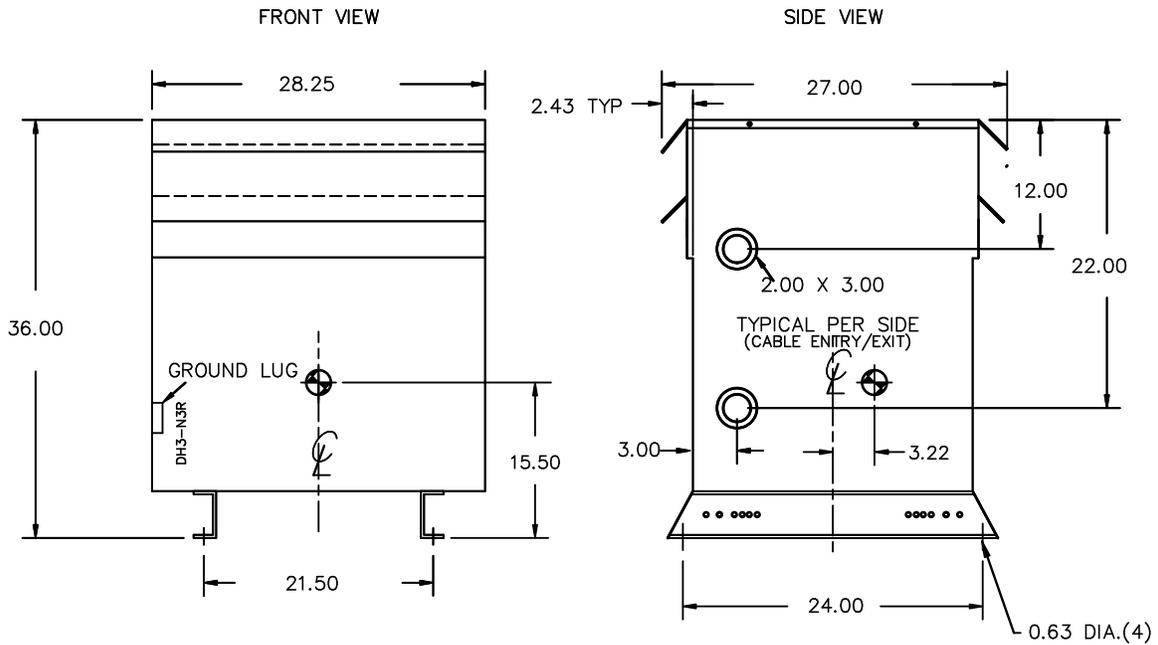
Cust. Ref.	Serial No.	VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION CONNECTION PAR PHASE
Ref. du Client	No. de Serie	600V	68.7	105	1
Phase	HV/HT	72.2A	70.4	102.5	2
Type	BIL	10 kV	72.2	100	3
Cooling Refroidissement	Term Bornes	H1 H2 H3	74.0	97.5	4
kVA	LV/BT	208Y/120V 208A	76.0	95	5
Temp. Rise Echauffement	BIL	10 kV	78.0	92.5	6
Temp Class	Term Bornes	X0 X1 X2 X3	80.2	90	7
Winding Enroulement	Energy Regulations	DOE 10 CFR PART 431:2016			
Frequency	Reglements Energetique	CEE ACT SOR/2018-201			
Impedance % @ 170°C	Suitable for non-sinusoidal current load with K-factor not to exceed	avec facteur K n'excédant pas			
Encl Type Type De Coffrage	Convient à des courants non-sinusoidaux				
Weight Poids	13				
	580				

SEISMIC QUALIFICATIONS:
AS 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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