



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: PPICASSI
2	21/07/16	PP	EDB UPDATE	DATE: 18/05/24
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSK3A0075PK4K

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

Hyderabad, IN Monterrey, MX Part No. SK3A0075PK4K

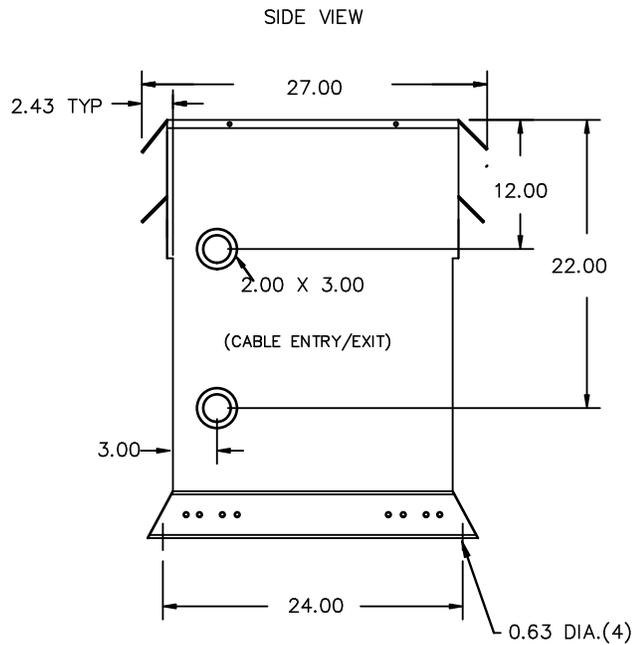
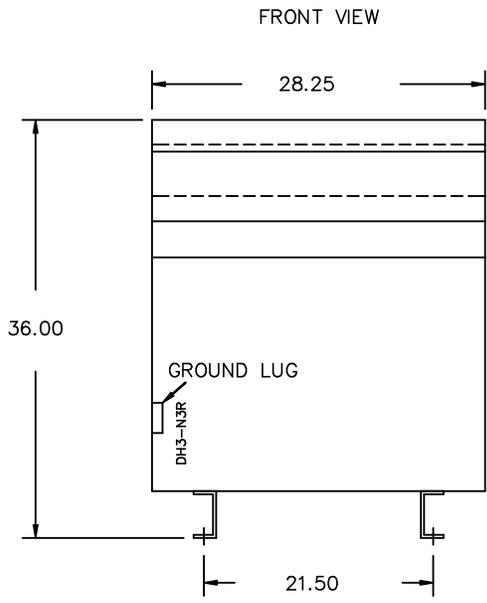
Cust. Ref. / Ref. du Client	Serial No. / No. de Serie		
Phase	HV/HT	600V	72.2A
Type	BIL	10 kV	
Cooling / Refroidissement	Term Bornes	H1 H2 H3	
kVA	LV/BT	480Y/277V	90.2A
Temp. Rise / Echauffement	BIL	10 kV	
Temp Class / Classe Temp	Term Bornes	X0 X1 X2 X3	
Winding / Enroulement	Energy Regulations / Réglements Énergétique	DOE 10 CFR PART 431:2016	
Frequency / Fréquence Hz	CEE ACT SOR/2018-201		
Impedance % @ 170°C	Suitable for non-sinusoidal current load with K-factor not to exceed 4 Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 4		
Encl Type / Type De Coffrage	3R		
Weight / Poids	600		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % NOMINALE	CONNECTION / CONNECTION 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:
X0 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



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

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CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR 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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