



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE
3	21/07/16	PP	EDB UPDATE

DES:	JWEN
DATE:	15/11/17
SCALE:	NTS

SHEET 1 OF 3

EDBSK3A0112KB9K

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POWER SOLUTIONS

Guelph, ONT Compton, CA
Hyderabad, IN Compton, CA

HPS Sentinel™ K

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI Monterrey, MX

Part No. SK3A0112KB9K

LR 3902

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 BY UNDERWITERS LABORATORIES INC. 3106

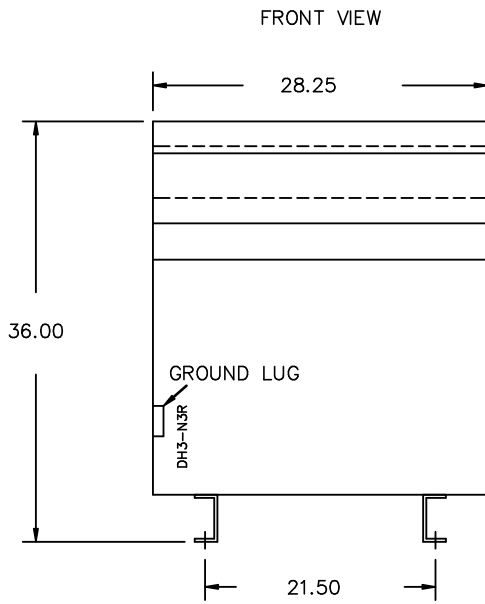
LISTED

Cust. Ref.	Serial No.	HV/HT	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
Ref. du Client	No. de Serie					
Phase	3	480V	504	129.0	105	1
Type	K	10 kV	492	132.0	102.5	2
Cooling Refroidissement	ANN	H1 H2 H3	480	135.0	100	3
kVA	112.5	LV/BT	468	139.0	97.5	4
Temp. Rise Echauffement	150 °C	BIL	456	142.0	95	5
Temp Class	220 °C	Term Bornes	444	146.0	92.5	6
Winding Enroulement	CU	DOE 10 CFR PART 431:2016	432	150.0	90	7
Frequency	60	Regulations				
Impedance % @ 170 °C	4.1	Reglements Energetique				
Encl Type Type De Coffrage	3R	CEE ACT SOR/2018-201				
Weight Poids	855	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				

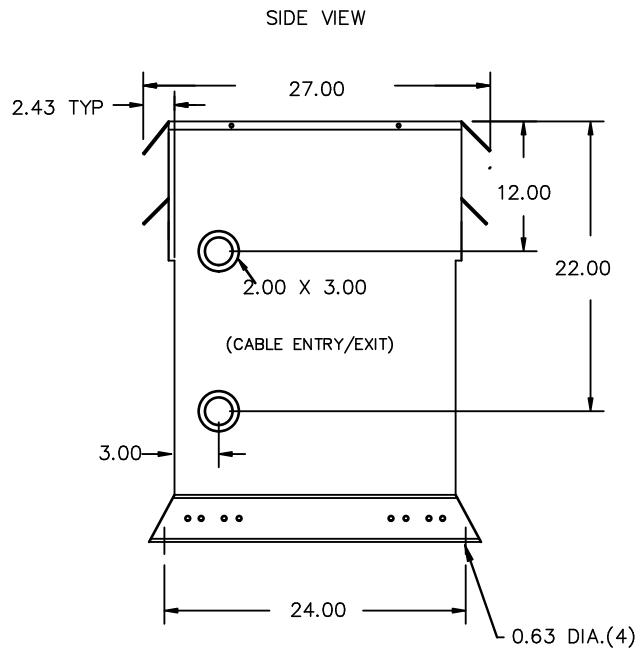
SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

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

d000187hb



All Dimensions in inches

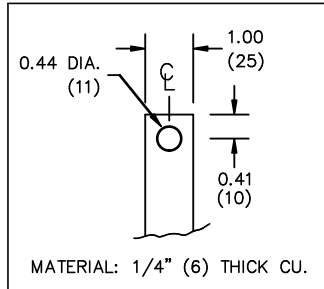


ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

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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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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