



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	DES: AOPPER
				DATE: 23/07/21
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0225PB9K


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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



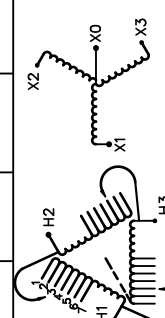
LR 3902
DRY TYPE TRANSFORMER
E112313
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 BY UNDERMETERS LABORATORIES INC. 316

Hyderabad, IN Monterrey, MX Part No. SK3A0225PB9K

Cust. Ref.	Serial No.	HV/HT	600V	217A	VOLTS
Ref. du Client	No. de Serie	BIL	10 kV		630
Phase	Type	Term Bornes	H1 H2 H3		615
	Cooling Refroidissement	LV/BT	208Y/120V	625A	211
	kVA	BIL	10 kV		217
	Temp. Rise Echauffement	Term Bornes	X0 X1 X2 X3		222
	Temp Class	Energy Regulations	DOE 10 CFR PART 431:2016		570
	Classe Temp	Reglements Energetique	CEE ACT SOR/2018-201		95
	Winding Enroulement	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		228
	Frequency	Encl Type	3R		234
	Impedance % @ 170°C	Weight lbs/kg	1650/749		241

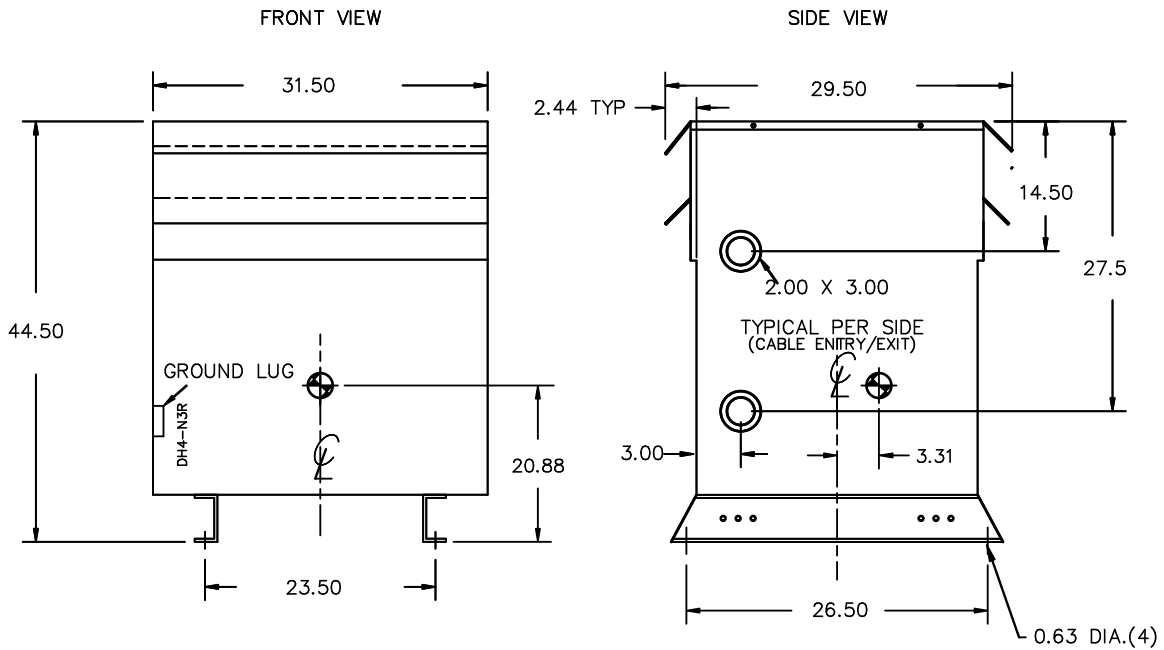
Spacings between any ventilated enclosure panel and any adjacent wall shall be a minimum of 5 inches
Écartements entre tout panneau de ventilation et toute paroi adjacente doivent être d'un minimum de 5 po

CONNECTION POINT	% RATED VOLTAGE NOMINAL	CURRENT COURANT	CONNECTION POINT PAR PHASE
X0	105	206	1
X1	102.5	211	2
X2	100	217	3
X3	97.5	222	4
	95	228	5
	92.5	234	6
	90	241	7



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

d000187hb



All Dimensions in inches

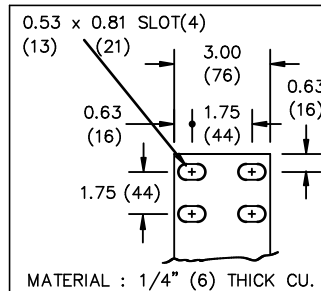
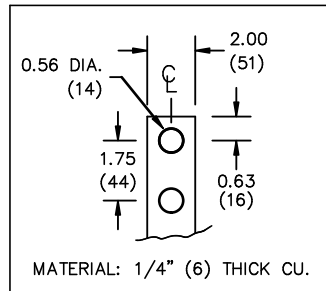
ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

XO TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
 SUITABLE FOR 600MCM-2 CU/AL
 CONDUCTORS
 1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- XO TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



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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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