



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: RMOVVA
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/11/08
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0112KK4S

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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  
Hyderabad, IN Compton, CA

**HPS Sentinel™ K**

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI  
Monterrey, MX

Part No. SK3A0112KK4S

LR 3902

DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWRIERS LABORATORIES INC. 3106

**LISTED**

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	135A	VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONFIGURATION PAR PHASE
3	K	480V	10 kV	504	129	105	1
	ANN		H1 H2 H3	492	132	102.5	2
	112.5		LV/BT	480	135	100	3
	150 °C		468	139	97.5	95	4
	220 °C		456	142	92.5	90	5
	AL		444	146			6
	60		444	150			7
	5.8						
	3R						
	675						

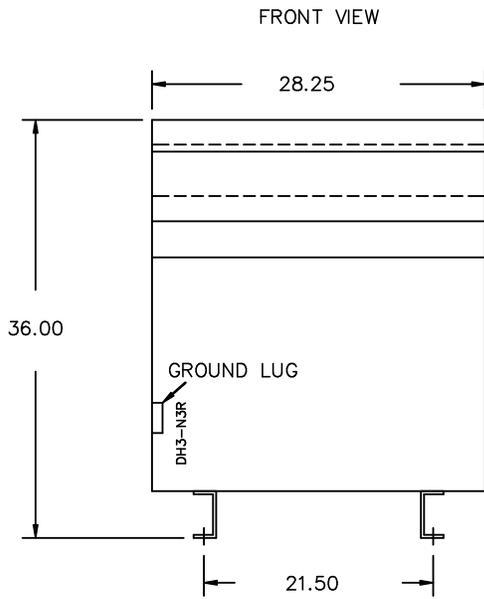
Spacings between any ventilated enclosure panel and any adjacent wall shall be a minimum of 5 inches except when wall mounted using approved wall mounting kit electrostatic shield

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

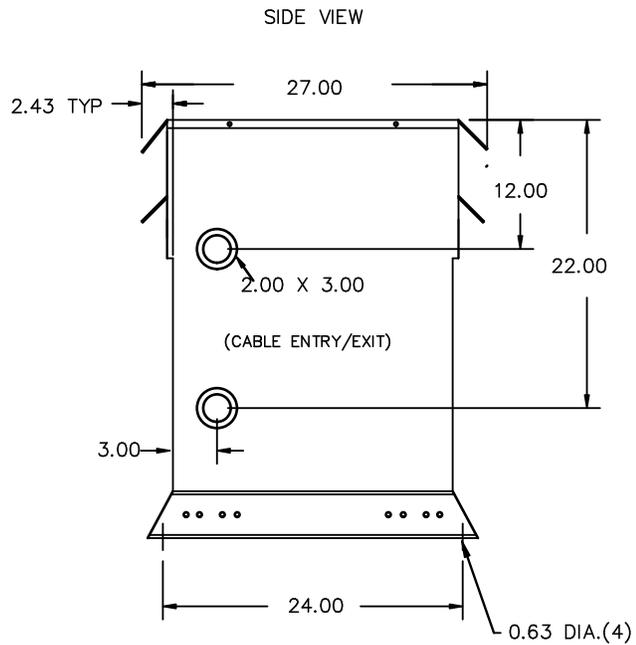
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Cooling Refroidissement: ANN  
 kVA: 112.5  
 Temp. Rise Echauffement: 150 °C  
 Temp Class: 220 °C  
 Winding Enroulement: AL  
 Frequency: 60 Hz  
 Impedance % @ 170 °C: 5.8  
 Encl Type Type De Coffrage: 3R  
 Weight Poids: 675 lbs

HV/HT: 480V  
 BIL: 10 kV  
 Term Bornes: H1 H2 H3  
 LV/BT: 480Y/277V 135A  
 BIL: 10 kV  
 Term Bornes: X0 X1 X2 X3  
 Energy Regulations: DOE 10 CFR PART 431:2016  
 CEE ACT: CEE ACT SOR/2018-201  
 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



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 250MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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1 CONDUCTOR PER PHASE

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
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



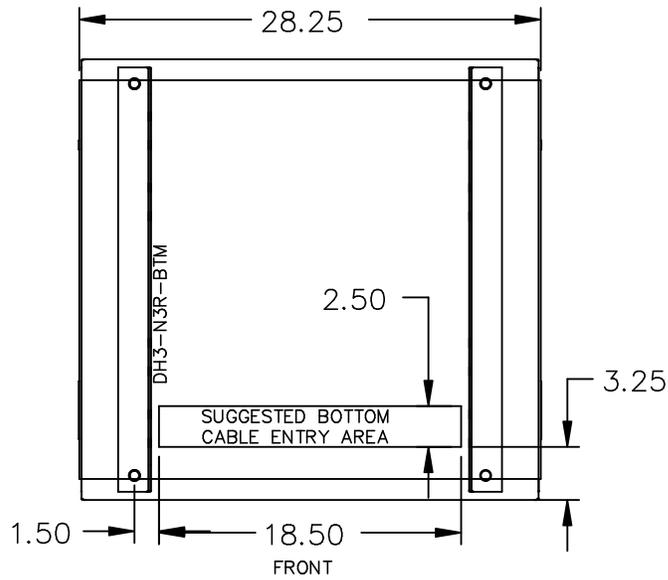
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ENCLOSURE BOTTOM VIEW



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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