hammond POWER SOLUTIONS

Energy Efficient
K-Factor Rated Distribution Transformer
Transformateur de distribution économe en énergie
et classé selon le facteur K

Hyderabad, IN
Guelph, ONT
Compton, CA
Baraboo, WI
Monterrey, MX

Part No. SK3A0112PB4S

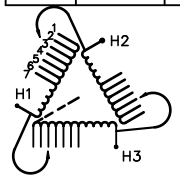
LR 3902
DRY TYPE TRANSFORMER
77U5
E112313
LISTED

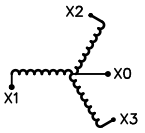
8 03423 12871 5

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	600V 108.3A
Type	K	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	112.5	LV/BT	208Y/120V 312A
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220°C	Term / Bornes	X0 X1 X2 X3
Winding / Enroulement	AL	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018-201
Impedance % @ 170 °C	4.9	Suitable for non-sinusoidal current load with K-factor not to exceed / Convient à des courants non-sinusoïdaux avec facteur K n'excédant pas	4
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs	730		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
630	103.1	105	1
615	105.6	102.5	2
600	108.3	100	3
585	111	97.5	4
570	114	95	5
555	117	92.5	6
540	120	90	7





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/h=1 Ip=1.5

d0001887hb

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE

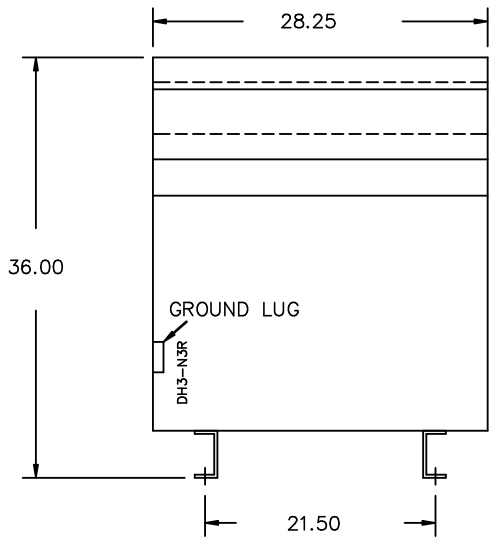
SCALE: NTS
DATE: 18/11/16
DES.: DCORTEZ

SHEET 1 OF 3

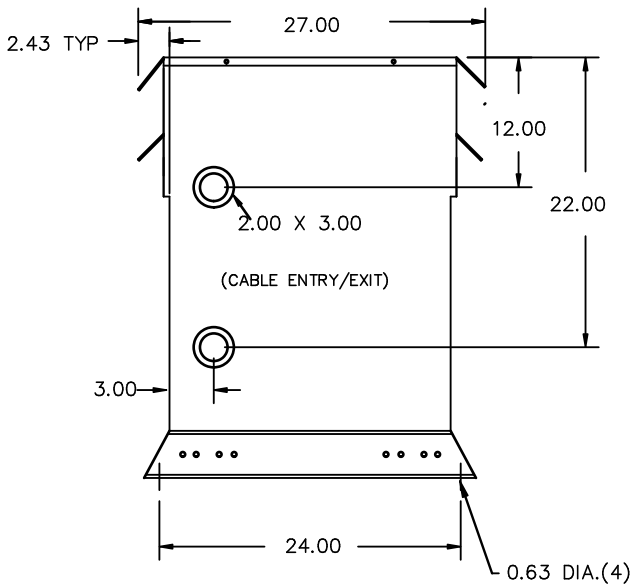
EDB SK3A0112PB4S

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM–6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM–6 CU/AL
CONDUCTORS
2 CONDUCTORS PER PHASE

CUSTOMER NOTES:

– HV TERMINATED AT TOP FRONT
– LV TERMINATED AT BOTTOM FRONT
200% RATED NEUTRAL X0 HAS QTY 2 LUGS

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hammond POWER SOLUTIONS

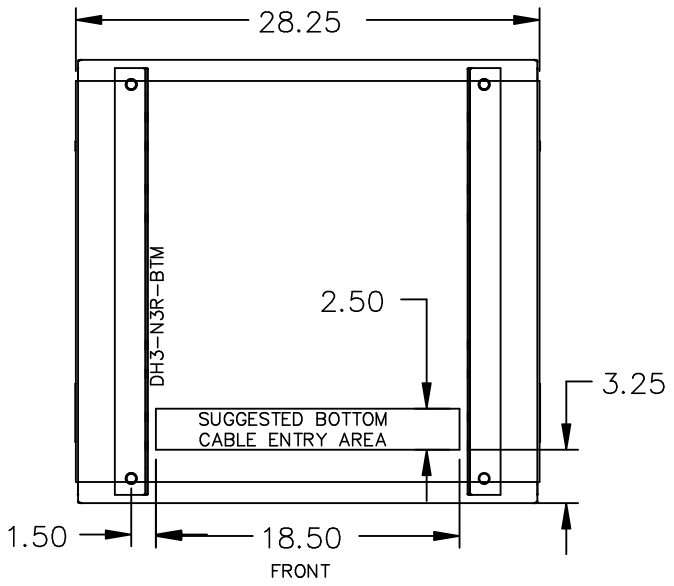
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DATE: 18/11/16
SCALE: NTS

EDBSK3A0112PB4S

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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1	20/03/17	PP	SEISMIC UPDATE

DES: DCORTEZ
DATE: 18/11/16
SCALE: NTS

SHEET 3 OF 3

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