hammond POWER SOLUTIONS

ENERGY EFFICIENT HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR ÉCONOME EN ÉNERGIE RÉDUISANT LES HARMONIQUES

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

Part No. SH3T0112KB3K

® LR 3902

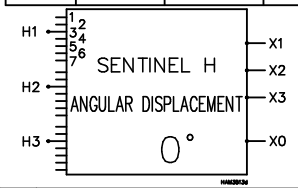
DRY TYPE TRANSFORMER
77U5
E112313
LISTED

8 03423 13527 0

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	Model	
Type	K	HV/HT	480V
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	112.5	LV/BT	208Z/120V
Temp. Rise / Echauffement	150 °C	Term / Bornes	X1 X2 X3
Temp Class / Classe Temp	220 °C	Neutral	X0(200%)
Winding / Enroulement	CU	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018-201
Impedance % @ 170 °C	4.3	Z0	0.95 MAX
Encl Type / Type De Coffrage	3R	Number of Secondaries	
Weight / Poids lbs	980		

VOLTS	CURRENT COURANT	%RATED VOLTAGE %TENSION NOMINALE	CONNECTION EACH PHASE CONNEXION PAR PHASE
504	129	105	1
492	132	102.5	2
480	135	100	3
468	139	97.5	4
456	142	95	5
444	146	92.5	6
432	150	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

d0001906b

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE

SCALE: NTS
DATE: 16/03/04
DES.: LCEN

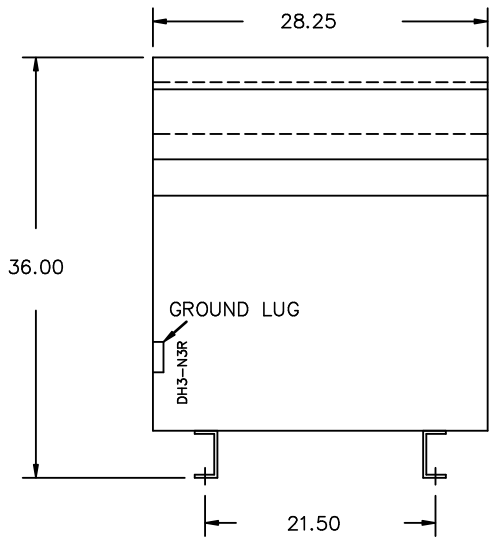
SHEET 1 OF 3

EDB SH3T0112KB3K

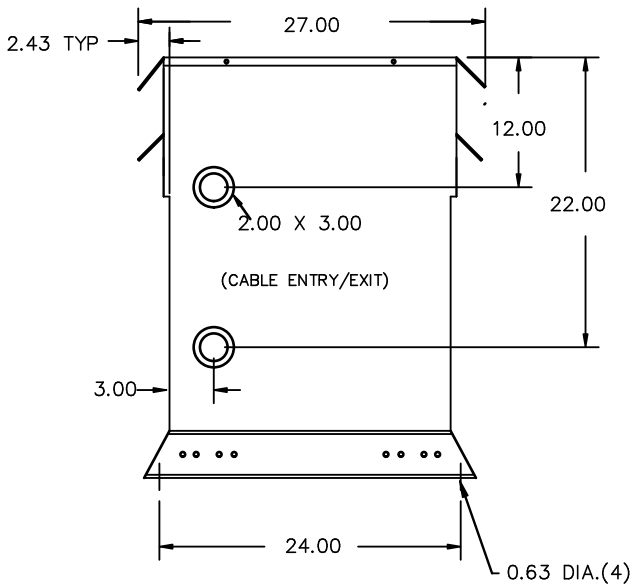
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

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

L.V.1. TERMINAL DETAIL

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

CUSTOMER NOTES:

– HV1 TERMINATED AT BOTTOM FRONT
– LV1 TERMINATED AT TOP FRONT
X0(200% RATING)

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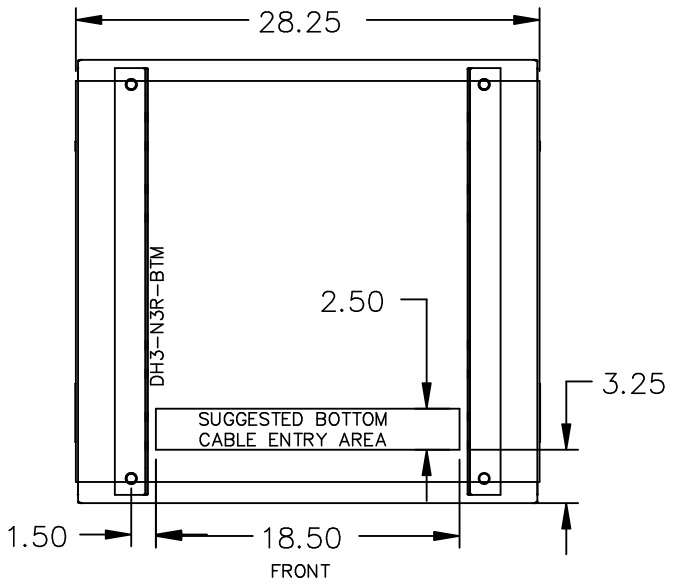
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EDBSH3T0112KB3K

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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SHEET 3 OF 3

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