Hammond Power Solutions Inc.

NO.	DATE	BY	REVISION
4	21/07/16	PP	EDB UPDATE
3	20/03/17	PP	SEISMIC UPDATE

TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

SCALE: NTS | DATE: 15/11/09 | DES: JWEN

SHEET 1 OF 3

EDB SG3A0015KB0AB

HPS Sentinel™ G

Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Hammond Power Solutions
Guelph, ONT
Compton, CA
Baraboo, WI
Monterrey, MX

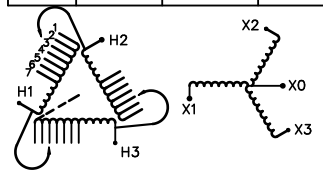
Part No. SG3A0015KB0AB

LR 3902
DRY TYPE TRANSFORMER 77US E112313
LISTED
8 03423 12352 9
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	480V
Type	K	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	15	LV/BT	208Y/120V
Temp. Rise / Echauffement	80 °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 % @ 100 °C	3.3		
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs/kg	205/93		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
504	17.2	105	1
492	17.6	102.5	2
480	18.0	100	3
468	18.5	97.5	4
456	19.0	95	5
444	19.5	92.5	6
432	20.0	90	7

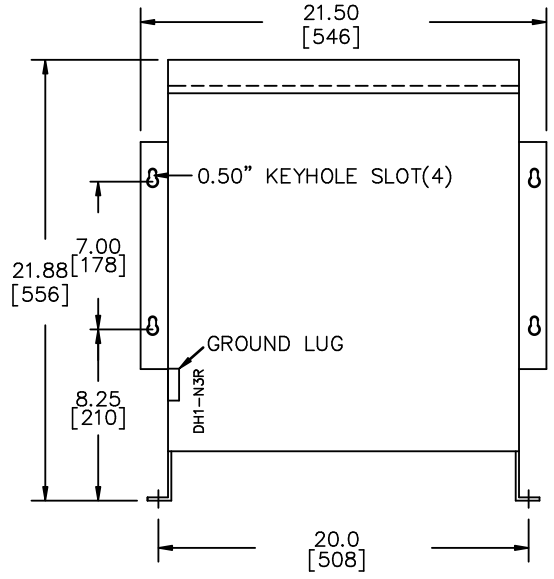
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES



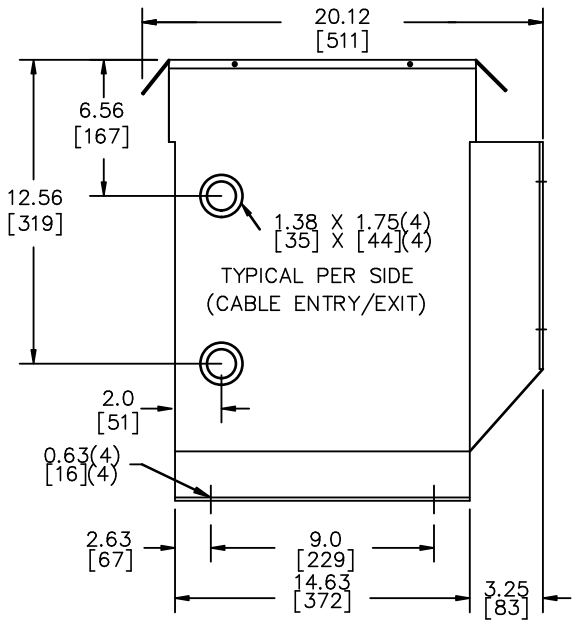
SEISMIC QUALIFICATIONS:
OSP-0136-10/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d000186hb

FRONT VIEW



SIDE VIEW



All Dimensions in inches[mm]

ENCLOSURE COLOR : ANSI-61 GREY PAINT OUTDOOR

H.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED SUITABLE FOR #14-2 CU/AL CONDUCTORS 1 CONDUCTOR PER PHASE

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED SUITABLE FOR #14-2 CU/AL CONDUCTORS 1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT

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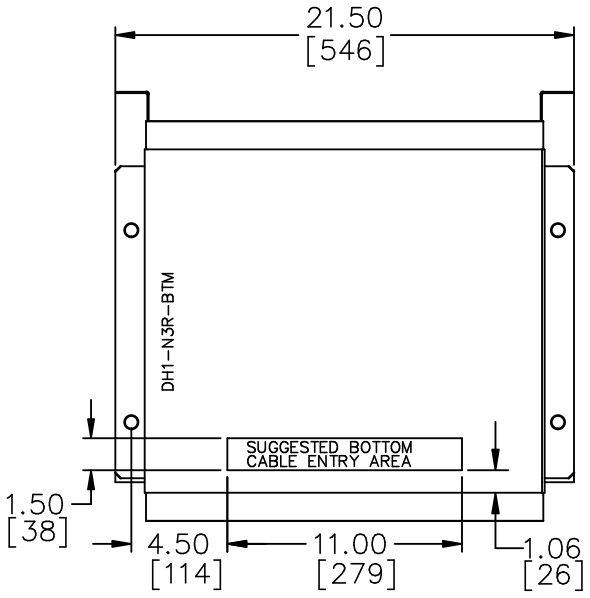
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SHEET 2 OF 3

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ENCLOSURE BOTTOM VIEW



FRONT

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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ENCLOSURE BOTTOM VIEW

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