




TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	21/07/16	PP	EDB UPDATE	DES: JWEN
2	20/03/17	PP	SEISMIC UPDATE	DATE: 15/11/09
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SG3A0015KB

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POWER SOLUTIONS
Guelph, ONT
Hyderabad, IN Compton, CA

HPS Sentinel™ G
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI
Monterrey, MX

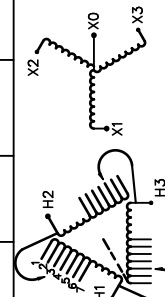
Part No. **SG3A0015KB**

LISTED  **LR 3902**
 DRY TYPE DISTRIBUTION TRANSFORMER
 E112313
 ALSO SEE LISTING AND APPROVALS
 BY UNDERWRITERS LABORATORIES INC. @ 316

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 03423 12133 8
 BY UNDERWRITERS LABORATORIES INC. @ 316

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	17.2	105	1
482	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



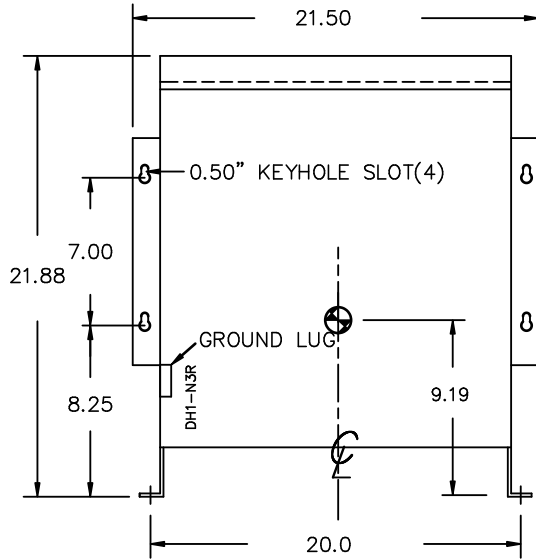
SEISMIC QUALIFICATIONS:
 OSP=0136/IBC 2018/ASCE 7-16
 SDS<=2.0g Z/h=1 Ip=1.5

Cust. Ref. Ref. du Client	Serial No. No. de Serie	480V	18.0A
Phase	HV/HT	10 kV	
Type	BIL	H1 H2 H3	
Cooling Refroidissement	ANN	208Y/120V	41.6A
kVA	15	10 kV	
Temp. Rise Échauffement	150 °C	Term Bornes	X0 X1 X2 X3
Temp Class Classe Temp	220 °C	Energy Regulations Règlements de l'Énergétique	DOE 10 CFR PART 431:2016
Winding Enroulement	AL	CEE ACT SOR/2018-201	
Frequency Hz	60		
Impedance % @ 170 °C	4.9		
Encl. Type Type de Coffrage	3R		
Weight Poids	175 lbs		

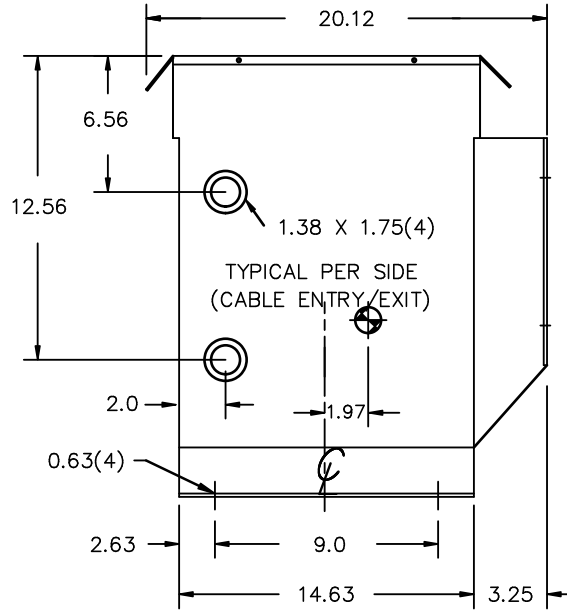
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI-61 GREY PAINT OUTDOOR

HV1 TERMINAL DETAIL

LV1 TERMINAL DETAIL

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

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CUSTOMER NOTES:

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



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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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 ENCLOSURE BOTTOM VIEW

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