



TITLE: 1PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION


DES:	RMOVVA
DATE:	23/08/17
SCALE:	NTS

SHEET 1 OF 3

EDBSG3L0037FE

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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  
Hyderabad, IN Compton, CA Monterrey, MX

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

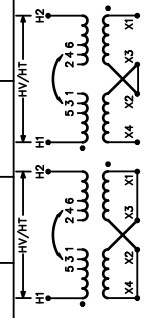
Part No. **SG3L0037FE**

**LISTED**  **LR 3902**  
 DRY TYPE TRANSFORMER 8003423140854  
 ALSO REFER TO CONNECTIONS TO ENERGY STANDARDS C900-18 BY UNDERWRITERS LABORATORIES INC. @ 316

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	VOLTS		CURRENT / COURANT		% RATED VOLTAGE / % TENSION NOMINALE		CONNECTION EACH PHASE / CONNECTION PAR PHASE
Phase	1	HV/HT	277V	135A	129	132	105	1-2	
Type	F	BIL	284	10 kV	135	102.5	100	2-3	
Cooling / Refroidissement	ANN	Term Bornes	270	H1 H2	139	97.5	95	3-4	
kVA	37.5	LV/BT	263	120/240V	143			4-5	
Temp. Rise / Échauffement	150 °C	BIL	120	10 kV	312			5-6	
Temp Class / Classe Temp	220 °C	Term Bornes	240	X4 X2 X3 X1	156			X4&X2, X3&X1	
Winding / Enroulement	AL	Energy Regulations / Règlements Énergétique	DOE 10 CFR PART 431:2016						
Frequency / Fréquence Hz	60		CEE ACT SOR/2018-201						
Impedance % @ 170 °C	6								
Encl. Type / Type de Coffrage	3R								
Weight lbs/kg	265/121								

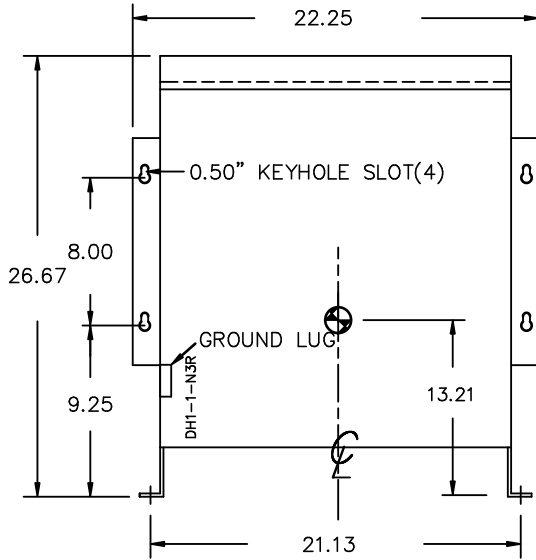
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

SEISMIC QUALIFICATIONS:  
 OSP=0.136/IBC 2018/ASCE 7-16  
 SDS<=2.0g Z/h=1 Ip=1.5

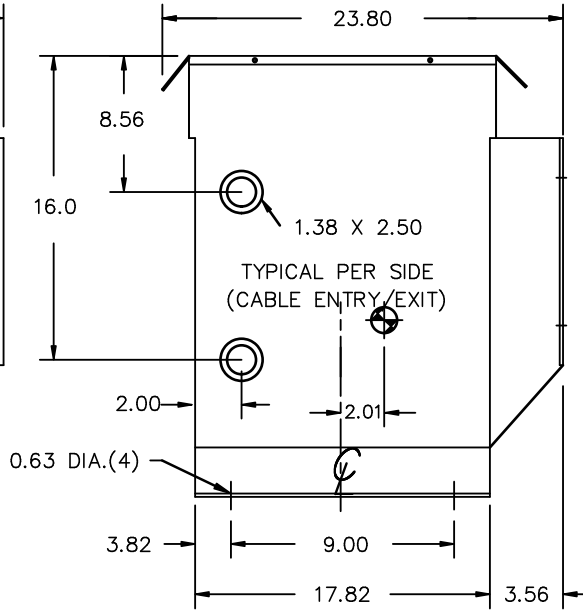


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FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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

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CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT



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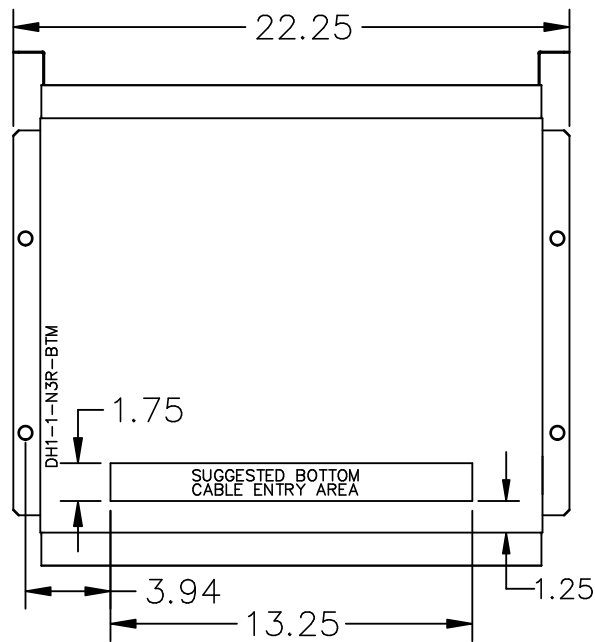
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ENCLOSURE BOTTOM VIEW



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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