



TITLE: 1PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES:	CSHAH
1	21/07/16	PP	EDB UPDATE	DATE:	21/01/05
				SCALE:	NTS

SHEET 1 OF 3

EDBSG3L0050FE

1.0 httpd 2026/06/25 00:05

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

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

Baraboo, WI  
Monterrey, MX

Part No. **SG3L0050FE**

**LISTED** **LR 3902**  
 DRY TYPE TRANSFORMER 800342314086  
 ALSO REFER TO CONNECTIONS TO ENERGY STANDARDS C900-18 BY UNDERWRITERS LABORATORIES INC. @ 016

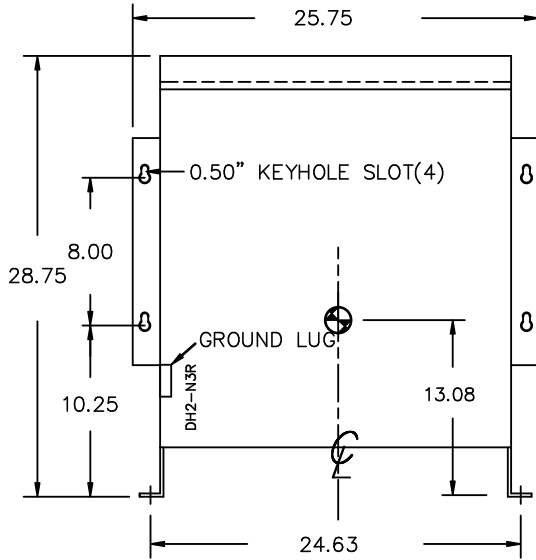
Cust. Ref. Ref. du Client	Serial No. No. de Serie	VOLTS		CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
1	HV/HT	277V	181A	172	105	1-2
F	BIL	10 kV		176	102.5	2-3
ANN	Term Bornes	H1 H2		181	100	3-4
50	LV/BT	120/240V	417/208A	185	97.5	4-5
150 °C	BIL	10 kV		190	95	5-6
220 °C	Term Bornes	X4 X2 X3 X1		417		X4&X2, X3&X1
AL	Energy Regulations	DOE 10 CFR PART 431:2016		208		X1, X4
60	Reglements de Énergétique	CEE ACT SOR/2018-201				
5.8	Impedance % @ 170 °C					
3R	Encl. Type Type de Coffrage					
330	Weight Poids					

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

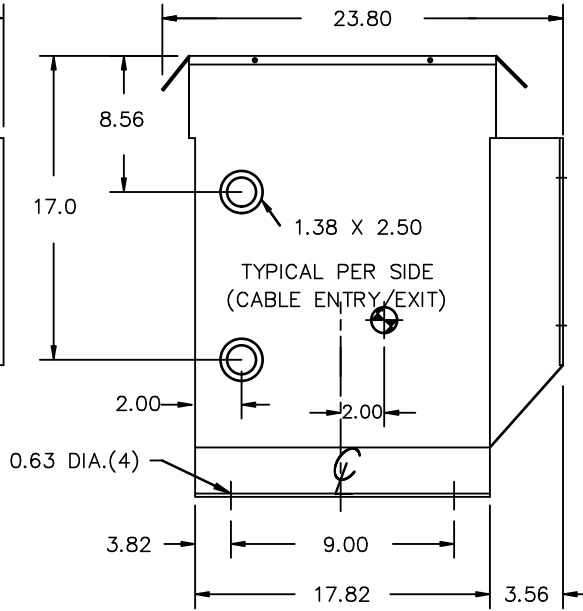
SEISMIC QUALIFICATIONS:  
OSP=0136/IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 Ip=1.5

d000186hb

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 350MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV 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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