



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

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

SHEET 1 OF 3

EDBSG3L0050FE

1.0 httpd 2026/05/07 10:54

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 CATALOGUES
 TO ENERGY STANDARDS CROZ-18
 BY UNDERWRITERS LABORATORIES INC. @ 016

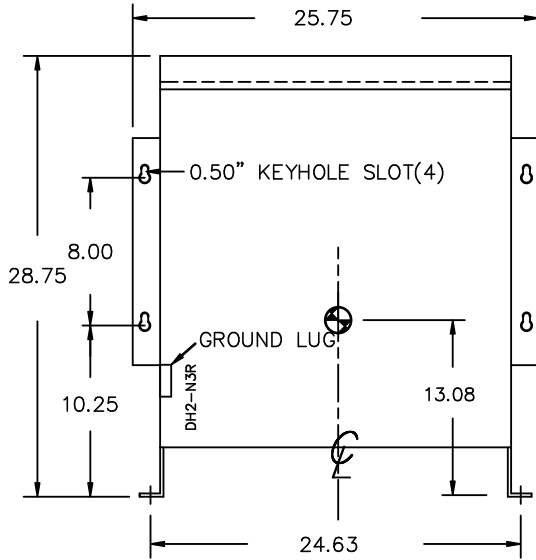
Cust. Ref. Ref. du Client	Serial No. No. de Serie	VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
1	HV/HT	277V	172	105	1-2
F	BIL	284	176	102.5	2-3
ANN	Term Bornes	277	181	100	3-4
50	LV/BT	270	185	97.5	4-5
150 °C	120/240V	263	190	95	5-6
220 °C	417/208A	120	417		X4&X2, X3&X1
AL	10 kV	240	208		X1, X4
60	Term Bornes				
5.8	Energy Regulations				
3R	CEE ACT SOR/2018-201				
330	DOE 10 CFR PART 431:2016				
	Reglements Énergétique				

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

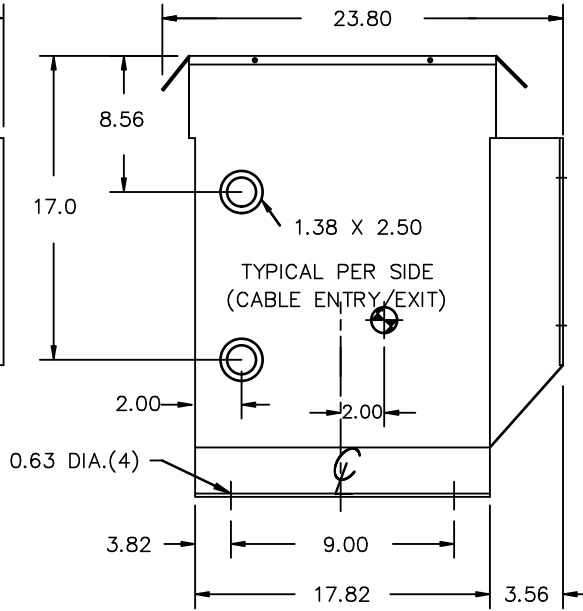
SEISMIC QUALIFICATIONS:
 OSP=0136/IBC 2018/ASCE 7-16
 SDS<=2.0g Z/h=1 Ip=1.5

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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