



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: RMOVVA
1	20/03/17	PP	SEISMIC UPDATE	DATE: 17/07/10
				SCALE: NTS

SHEET 1 OF 3

EDBSC3L0050BE

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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. **SG3L0050BE**

LISTED  **LR 3902**
 DRY TYPE TRANSFORMER 800342314050 2
 ALSO REFER TO CONNECTION DIAGRAMS AND APPROVED CATALOGS
 BY UNDERWRITERS LABORATORIES INC. @ 016

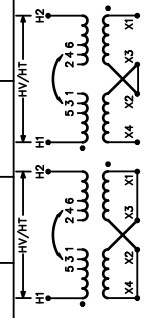
Serial No. No. de Serie	HV/HT	208V	240A	CONNECTION EACH PHASE CONNECTION PAR PHASE
1	BIL	10 kV	229	1-2
F	Term Bornes	H1 H2	235	2-3
ANN	LV/BT	120/240V	240	3-4
50	BIL	10 kV	247	4-5
150 °C	Term Bornes	X4 X2 X3 X1	253	5-6
220 °C	Energy Regulations	DOE 10 CFR PART 431:2016	417	X4&X2, X3&X1
AL	Reglements Énergétique	CEE ACT SOR/2018-201	208	X1, X4
60	Frequency Hz			
6	Impedance % @ 170 °C			
3R	Encl. Type			
325	Type de Coffrage			
	Weight lbs			
	Poids			

VOLTS

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNEXION PAR PHASE
218	229	105	1-2
213	235	102.5	2-3
208	240	100	3-4
203	247	97.5	4-5
198	253	95	5-6
120	417		X4&X2, X3&X1
240	208		X1, X4

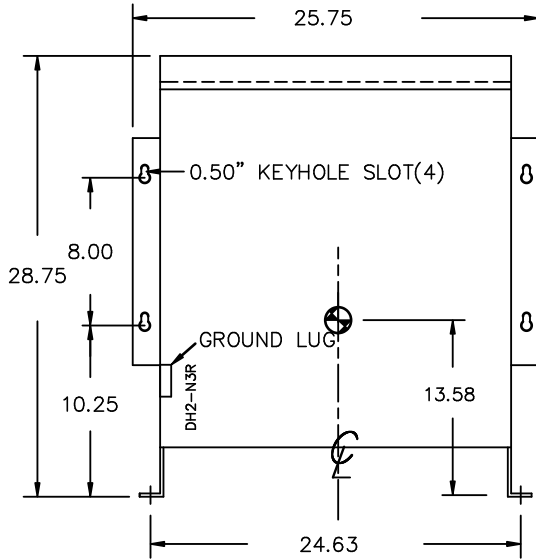
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

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

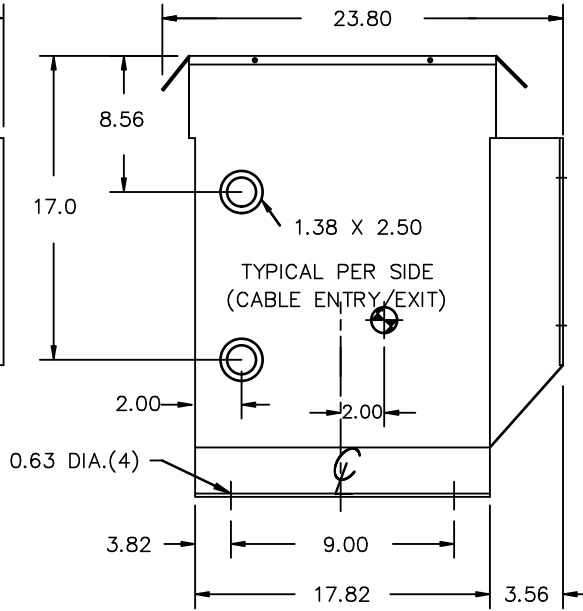


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FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 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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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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