



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	DES:	DATE:
	21/07/16	PP	EDB UPDATE	PPICASSI	19/07/24
				SCALE:	NTS

SHEET 1 OF 3

EDB SG3L0150FE0C

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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. **SG3L0150FE0C**

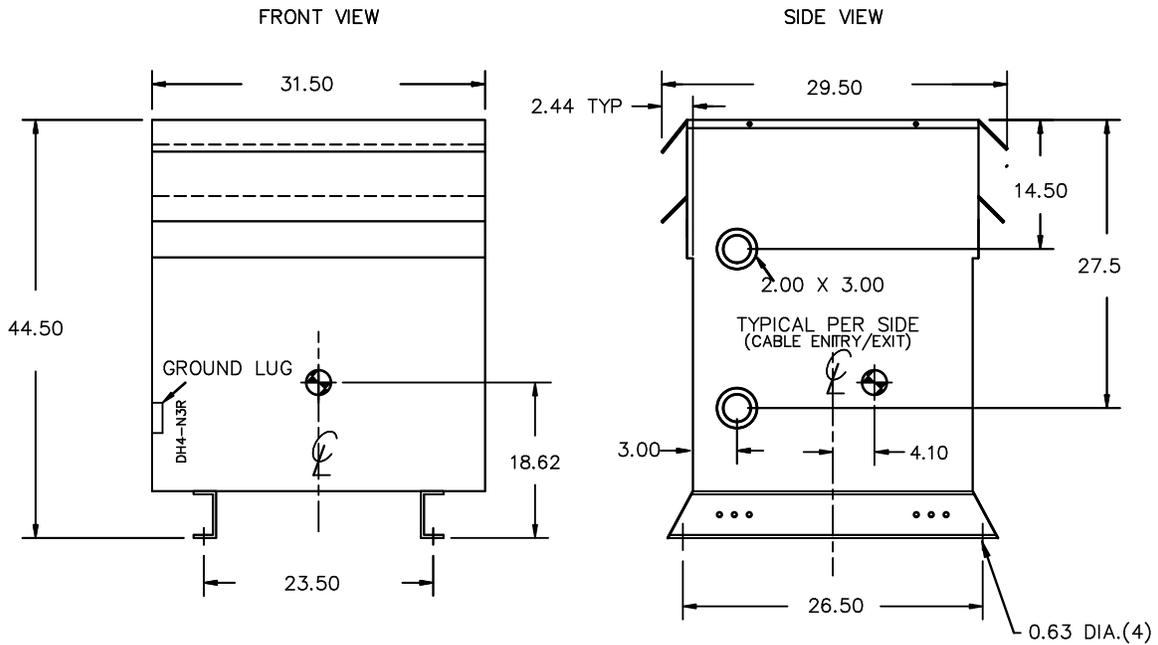
LISTED **LR 3902**
 DRY TYPE TRANSFORMER 8003423174097 7
 ALSO REFER TO UNDERWRITERS LABORATORIES INC. 0148
 TO ENERGY STANDARDS C900-18

Serial No. No. de Serie	HV/HT	277V	542A	CONNECTION EACH PHASE CONNECTION PAR PHASE
1	BIL	10 kV	516	1
F	Term Bornes	H1 H2	542	2
ANN	LV/BT	120/240V	570	3
150	BIL	10 kV	1250	X4&X2, X3&X1
150 °C	Term Bornes	X4 X2 X3 X1	625	X1, X4
220 °C	Energy Regulations	DOE 10 CFR PART 431:2016		
CU	Reglements de l'Energétique	CEE ACT SOR/2018-201		
60	Frequency			
3.6	Impedance % @ 170 °C			
3R	Encl. Type			
900	Type de Coffrage			
	Weight lbs			
	Poids			

VOLTS: 291, 277, 263, 120, 240
 CURRENT: 516, 542, 570, 1250, 625
 % RATED VOLTAGE: 105, 100, 95
 CONNECTION: X4&X2, X3&X1, X1, X4

SEISMIC QUALIFICATIONS:
 AS FLOOR MOUNT ONLY
 IBC 2018/ASCE 7-16
 SDS<=2.0g Z/h=0 Ip=1.5

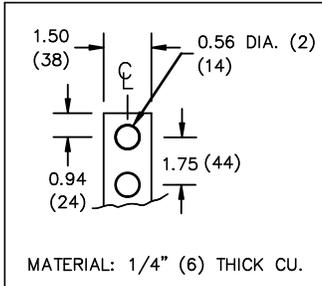
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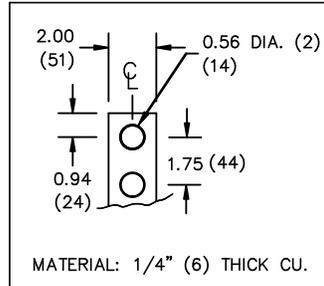
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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

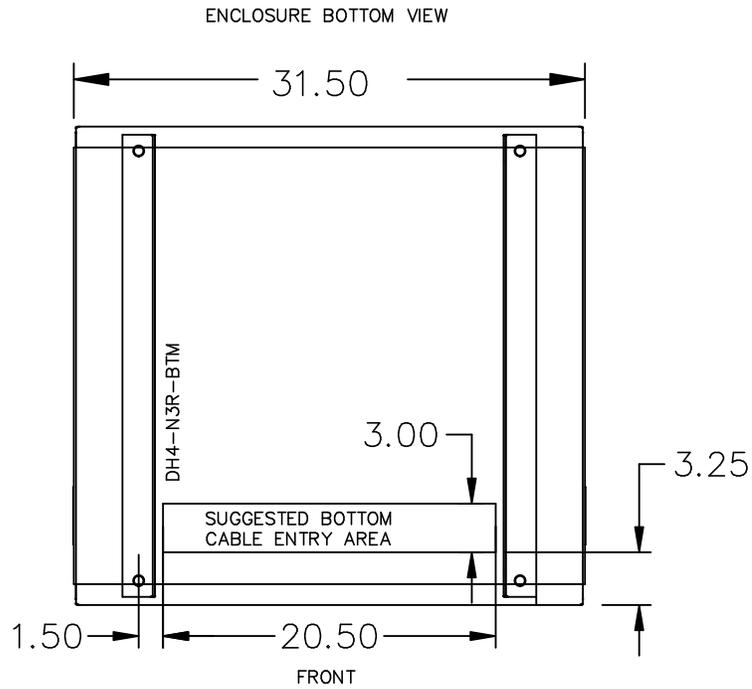


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SHEET 2 OF 3

EDBSC310150FE0C



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



TITLE: 1PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

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SHEET 3 OF 3

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