



TITLE: 3PH DISTRIBUTION TRANSFORMER.
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
4	24/06/18	DC	ADDED LV AMPS(HCN: 81134)
3	21/07/16	PP	EDB UPDATE
			DES: DCORTEZ
			DATE: 16/05/10
			SCALE: NTS

SHEET 1 OF 3

EDBSC3A0150BB

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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. **SG3A0150BB**

LISTED **LR 3902**
 DRY TYPE TRANSFORMER 8003423112719
 ALSO REFER TO UNDERWRITERS LABORATORIES INC. 316
 TO ENERGY STANDARDS C902-18

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218	397	105	1
213	406	102.5	2
208	416	100	3
203	427	97.5	4
198	438	95	5
192	450	92.5	6
187	463	90	7

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

Serial No. []
No. de Serie []

Phase 3 HV/HT 208V 416A

Type K BIL 10 kV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 150 LV/BT 208Y/120V 416A

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class Classe Temp 220 °C Term Bornes X0 X1 X2 X3

Winding Enroulement AL Energy Regulations DOE 10 CFR PART 431:2016

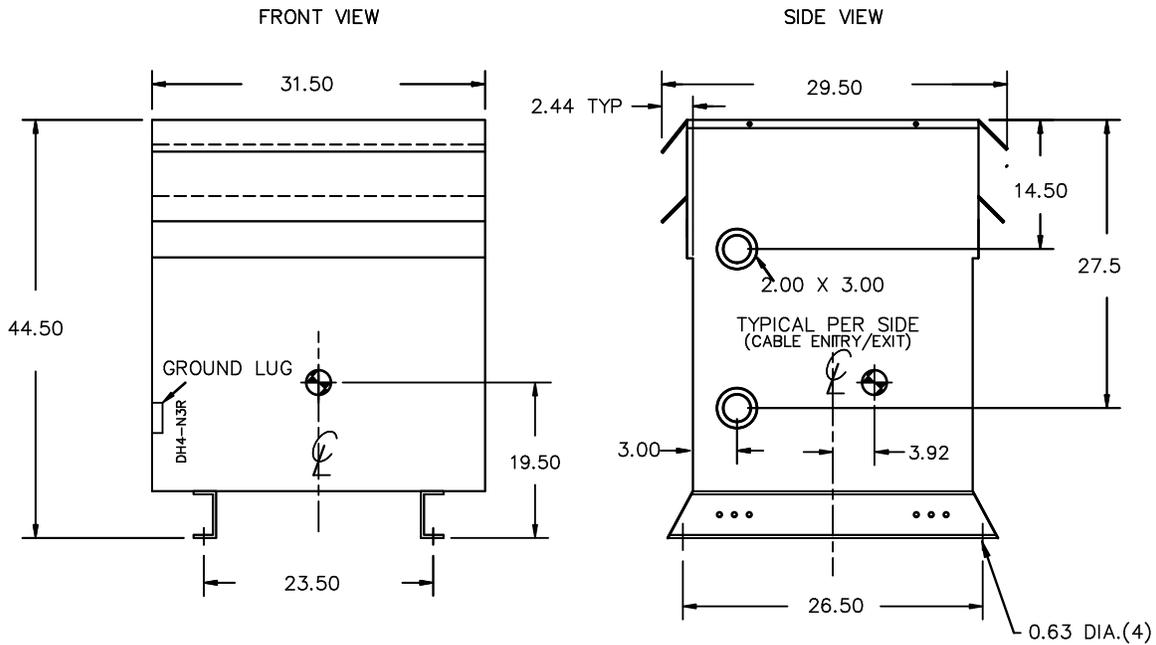
Frequency Fréquence Hz 60 Reglements de l'Energétique CEE ACT SOR/2018-201

Impedance % @ 170 °C 5

Encl. Type Type de Coffrage 3R

Weight Poids lbs/kg 1050/477

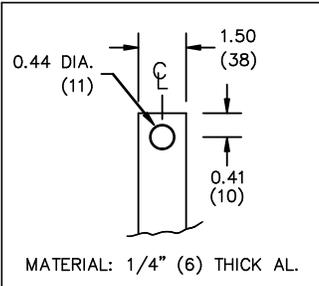
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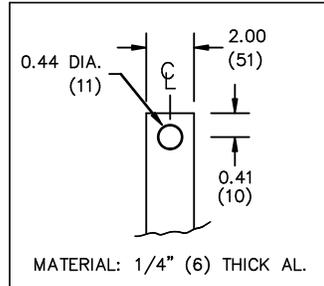
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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

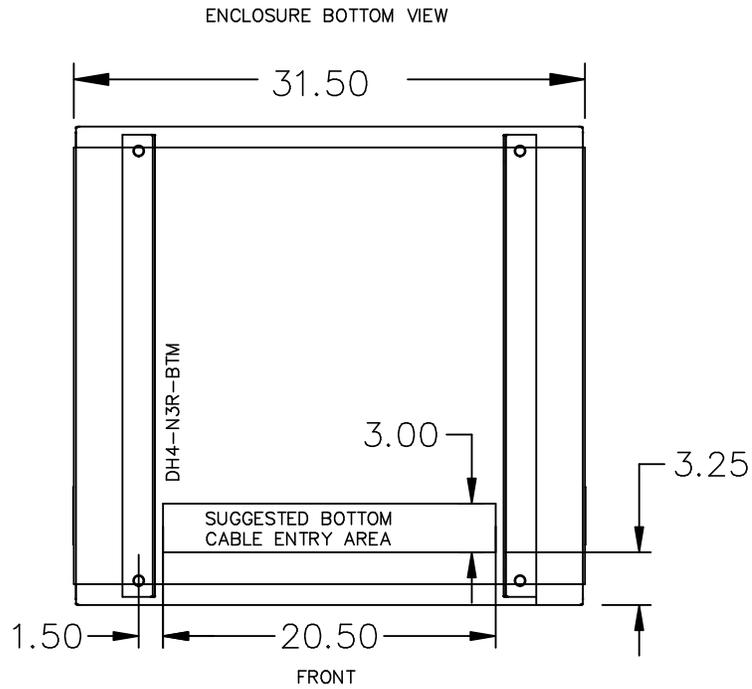


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NOTE:
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.
 SEE MANUAL FOR ADDITIONAL INFORMATION



TITLE: 3PH DISTRIBUTION TRANSFORMER.
 ENCLOSURE BOTTOM VIEW

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