



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

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

SHEET 1 OF 3

EDBSG3L0100BE0C

1:1 httpd 2026/07/11 20:01

POWER SOLUTIONS
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Hyderabad, IN Guelph, ONT Baraboo, WI Monterrey, MX
Compton, CA

LR 3902
DRY TYPE
FORMER
77US
E112313

0342314060
ALSO REFER TO CATALOGUE
TO ENERGY STANDARDS CROZ-18
BY UNDERWRITERS LABORATORIES INC. 0198

LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT

Part No. **SG3L0100BE0C**

Cust. Ref. Ref. du Client	Serial No. No. de Serie	208V	481A		
Phase	HV/HT	10 kV	481A		
Type	BIL	H1 H2			
Cooling Refroidissement	ANN	120/240V	833/417A		
kVA	100	10 kV			
Temp. Rise Échauffement	150 °C	X4 X2 X3 X1			
Temp Class Classe Temp	220 °C	DOE 10 CFR PART 431:2016			
Winding Enroulement	CU	CEE ACT SOR/2018-201			
Frequency Fréquence Hz	60	Reglements de Énergétique			
Impedance % @ 170 °C	5.7				
Encl. Type Type de Coffrage	3R				
Weight Poids	660/300				

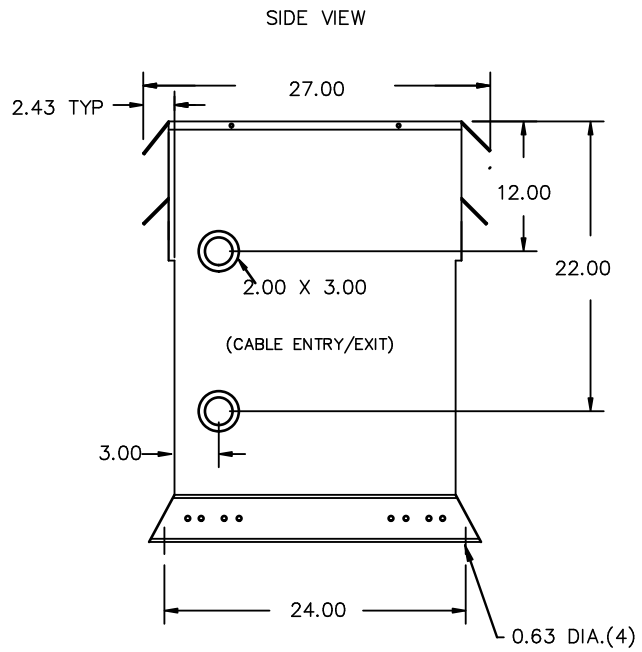
VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
218	458	105	1-2
213	469	102.5	2-3
208	481	100	3-4
203	493	97.5	4-5
198	506	95	5-6
120	833		X4&X2, X3&X1
240	417		X1, X4

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

d000186hb

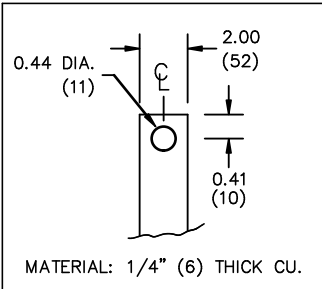


All Dimensions in inches

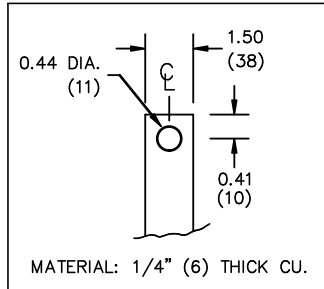


ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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



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EDBSC31010BEOC

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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