



TITLE: 1PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: PPICASSI
			DATE: 17/06/19
			SCALE: NTS

SHEET 1 OF 3

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**POWER SOLUTIONS**  
Guelph, ONT Compton, CA Hyderabad, IN  
Baraboo, WI Monterrey, MX

**HPS Sentinel™ G**  
Energy Efficient Distribution Transformer  
Transformateur de Distribution à Bon Rendement Énergétique

LR 3902  
DRY TYPE  
TRANSFORMER  
77US  
E112313

**LISTED**

8 034231741219  
ALSO REFER TO THE LOCATION  
TO ENERGY STANDARDS CP029-18  
BY UNDERWRITERS LABORATORIES INC. @ 0168

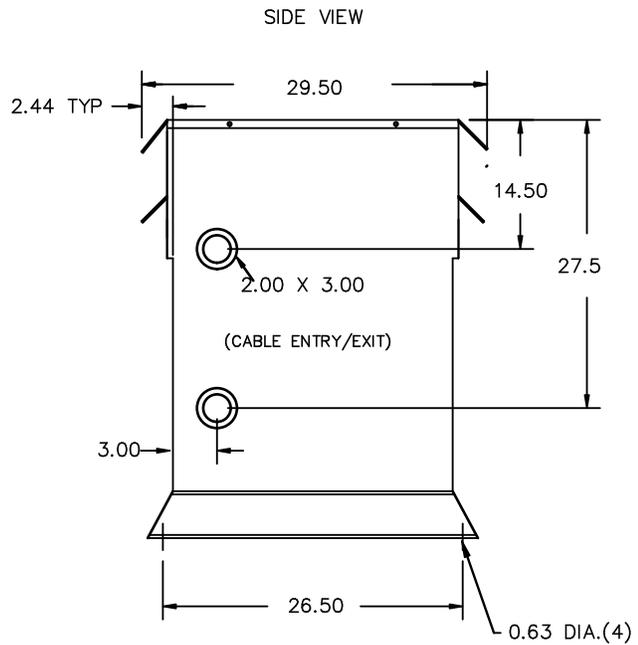
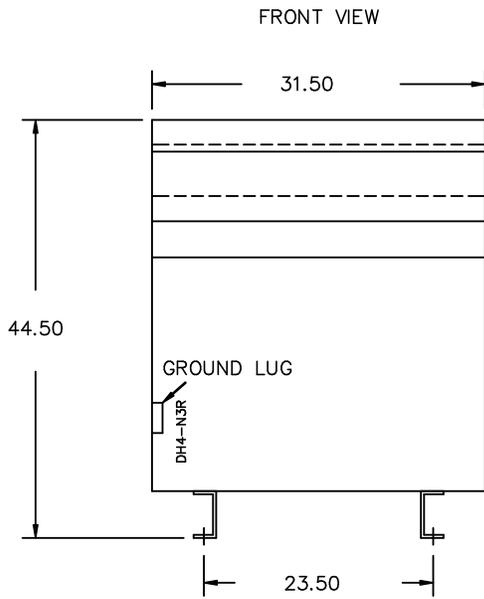
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND  
ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES  
EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	238	105	1
615	244	102.5	2
600	250	100	3
585	256	97.5	4
570	263	95	5
120	1250		X4&X2, X3&X1
240	625		X1, X4

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

Cust. Ref.	Serial No.	
Ref. du Client	No. de Serie	
Phase	HV/HT	600V 250A
Type	BIL	10 kV
Cooling Refroidissement	Term Bornes	H1 H2
kVA	LV/BT	120/240V 1250/625A
Temp. Rise Échauffement	BIL	10 kV
Temp Class Classe Temp	Term Bornes	X4 X2 X3 X1
Winding Enroulement	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency Hz	Reglements de Énergétique	CEE ACT SOR/2018-201
Impedance % @ 170°C		
Encl. Type Type de Coffrage		
Weight Poids	lbs	775

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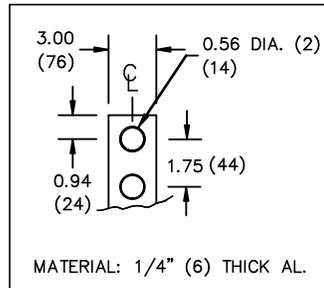
All Dimensions in inches

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



CUSTOMER NOTES:

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

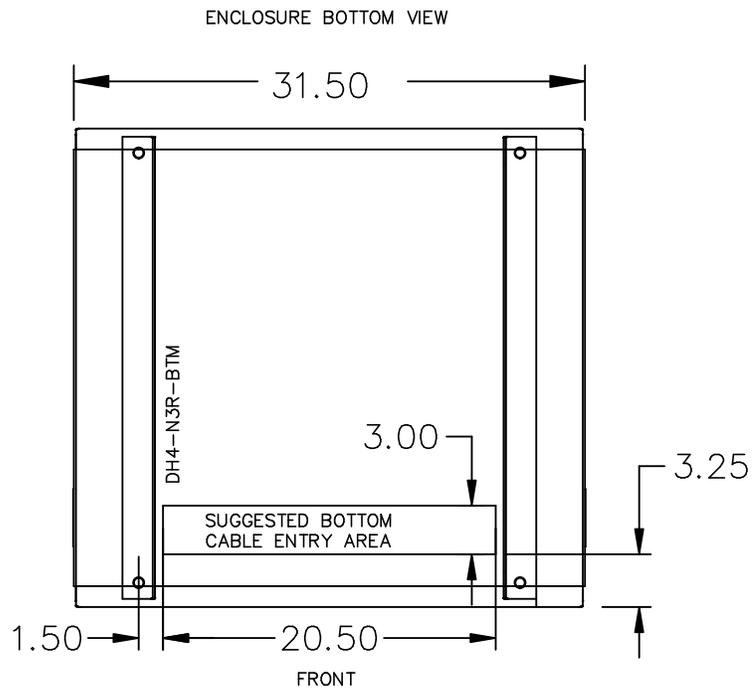


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NOTE:  
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.  
 SEE MANUAL FOR ADDITIONAL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



TITLE: 1PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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