



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: 17/04/27
			SCALE: NTS

SHEET 1 OF 4

EDBSG3N0015LE0C

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POWER SOLUTIONS
Guelph, ONT
Hyderabad, IN Compton, CA Monterrey, MX

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

Part No. **SG3N0015LE0C**



LISTED



LISTED

DRY TYPE TRANSFORMER
77US E112313

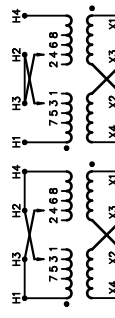
LR 3902

03423174073

ALSO REFER TO CATALOGUE
TV ENERGY STANDARDS CROQ 15-18
BY UNDERWRITERS LABORATORIES INC. 0198

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

VOLTS	CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	29.8	105	H1, H4
492	30.5	102.5	H1, H4
480	31.2	100	H1, H4
468	32.1	97.5	H1, H4
456	32.9	95	H1, H4
444	33.8	92.5	H1, H4
432	34.7	90	H1, H4
252	59.5	105	H1&H3, H2&H4
240	62.5	100	H1&H3, H2&H4
228	65.7	95	H1&H3, H2&H4
216	69.4	90	H1&H3, H2&H4



SEISMIC QUALIFICATIONS:
OSP=0136/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	240X480V 62.5X31.2A
Type	BIL	10 kV
Cooling	Term Bornes	H1 H3 H2 H4
Refrédissement	LV/BT	120/240V 125/62.5A
kVA	BIL	10 kV
Temp. Rise	Term Bornes	X4 X2 X3 X1
Echauffement	Energy Regulations	DOE 10 CFR PART 431:2016
Classe Temp	Reglements de l'Energétique	CEE ACT SOR/2018-201
Frequency		
Impedance % @ 170°C		
Encl. Type		
Type de Coffrage		
Weight lbs		
Poids		175

d000186hb

PRIMARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
504	H1,H4	1-H2,2-H3,H2-H3
492	H1,H4	3-H2,2-H3,H2-H3
480	H1,H4	3-H2,4-H3,H2-H3
468	H1,H4	5-H2,4-H3,H2-H3
456	H1,H4	5-H2,6-H3,H2-H3
444	H1,H4	7-H2,6-H3,H2-H3
432	H1,H4	7-H2,8-H3,H2-H3
252	H1&H3, H2&H4	1-H2,2-H3,H1-H3,H2-H4
240	H1&H3, H2&H4	3-H2,4-H3,H1-H3,H2-H4
228	H1&H3, H2&H4	5-H2,6-H3,H1-H3,H2-H4
216	H1&H3, H2&H4	7-H2,8-H3,H1-H3,H2-H4
SECONDARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
240	X1,X4	X2-X3
120	X1&X3, X2&X4	X1-X3,X2-X4
120/240	X1, X2orX3, X4	X2-X3

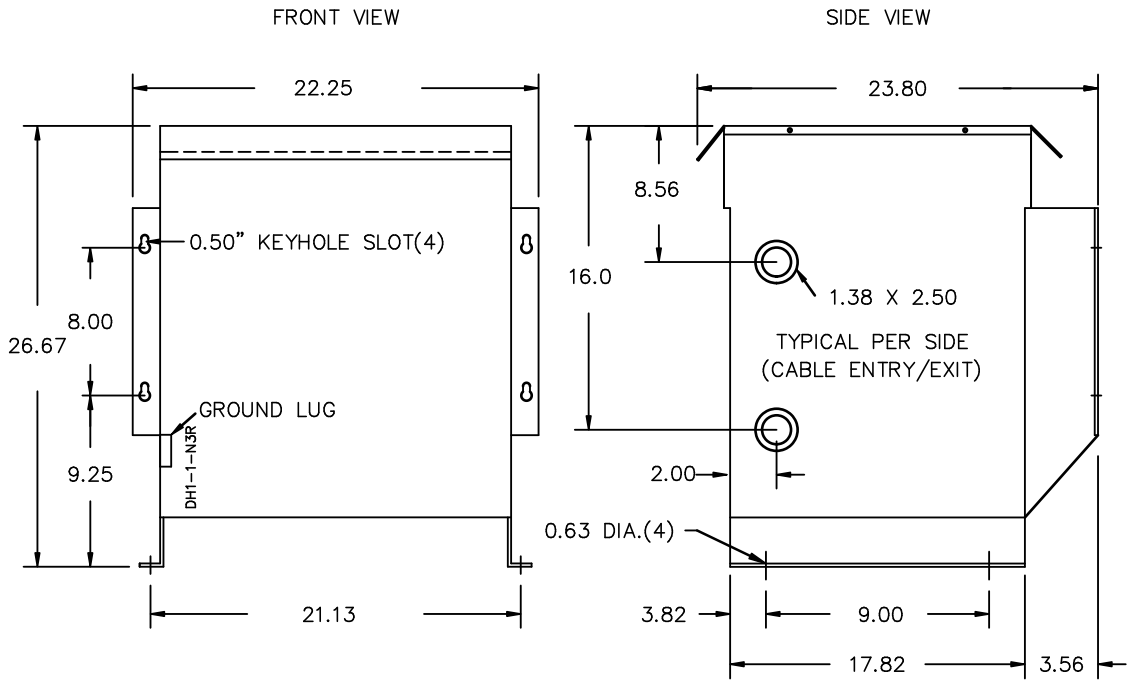


TITLE: 1PH DISTRIBUTION TRANSFORMER
AUXILLARY TAP CHART

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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 #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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SUITABLE FOR #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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



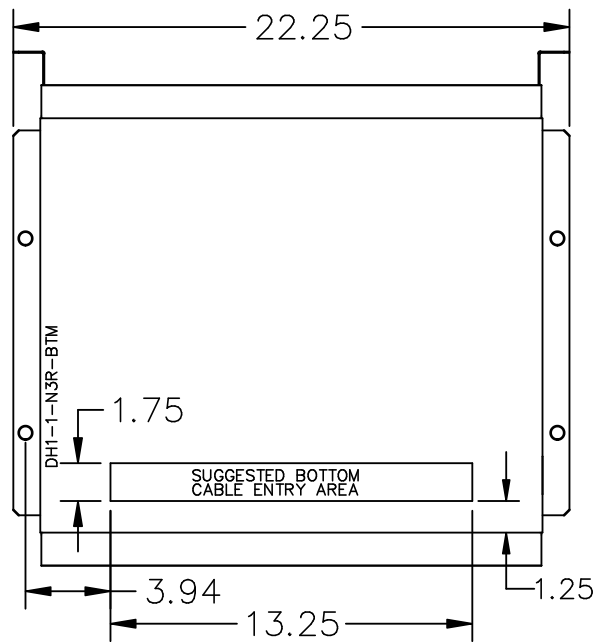
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ENCLOSURE BOTTOM VIEW



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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