



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

EDBSG3N0015LE

2.0 httpd 2026/04/04 08:21

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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. **SG3N0015LE**

DRY TYPE TRANSFORMER  
77US E112313

LR 3902

0342314063 2

ALSO REFER TO CATALOGUE  
TV ENERGY STANDARDS CRO2015-18  
BY UNDERWRITERS LABORATORIES INC. @ 316

**LISTED**

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
504	29.8	105	H1, H4
480	30.5	102.5	H1, H4
468	31.2	100	H1, H4
456	32.1	97.5	H1, H4
444	33.8	95	H1, H4
432	34.7	92.5	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

Serial No. [ ]

HV/HT 240X480V 62.5X31.2A

BIL 10 kV

Term Bornes H1 H3 H2 H4

LV/BT 120/240V 125/62.5A

BIL 10 kV

Term Bornes X4 X2 X3 X1

Energy Regulations DOE 10 CFR PART 431:2016

Reglements de l'Énergétique CEE ACT SOR/2018-201

Impedance % @ 170°C 5.9

Encl. Type 3R

Weight lbs 160

Cust. Ref. [ ]

Ref. du Client [ ]

Phase 1

Type F

Cooling Refroidissement ANN

kVA 15

Temp. Rise Échauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement AL

Frequency Fréquence Hz 60

Impedance % @ 170 °C 5.9

Encl. Type Type De Coffrage 3R

Weight Poids lbs 160

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

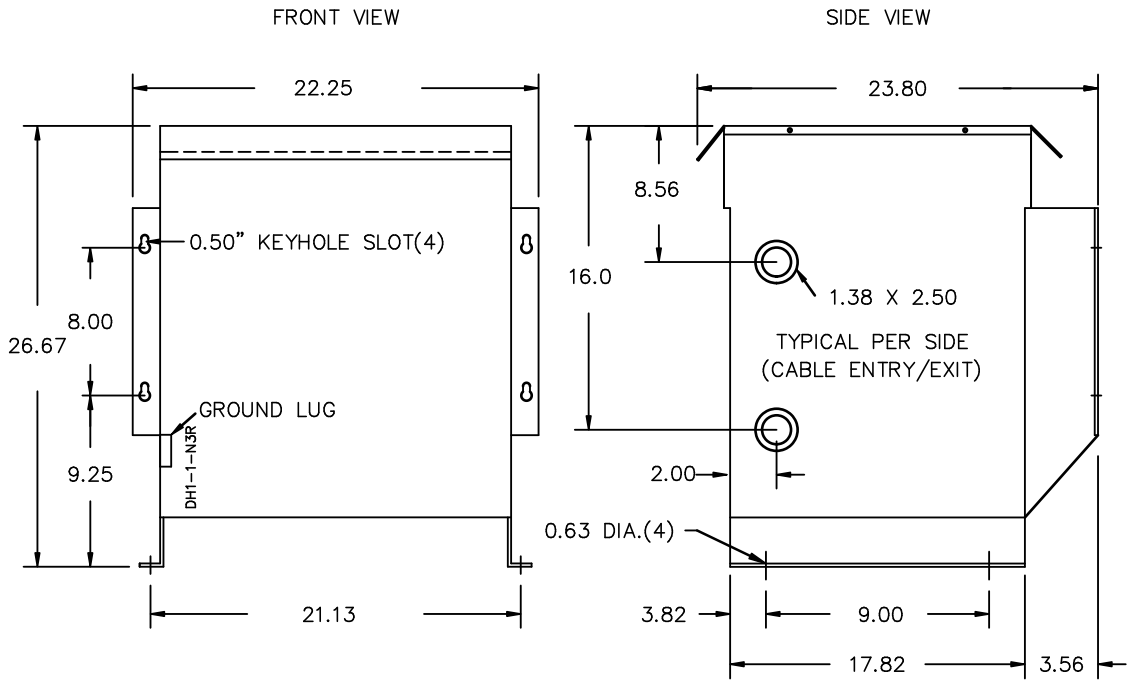


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SHEET 2 OF 4

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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  
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CUSTOMER NOTES:

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



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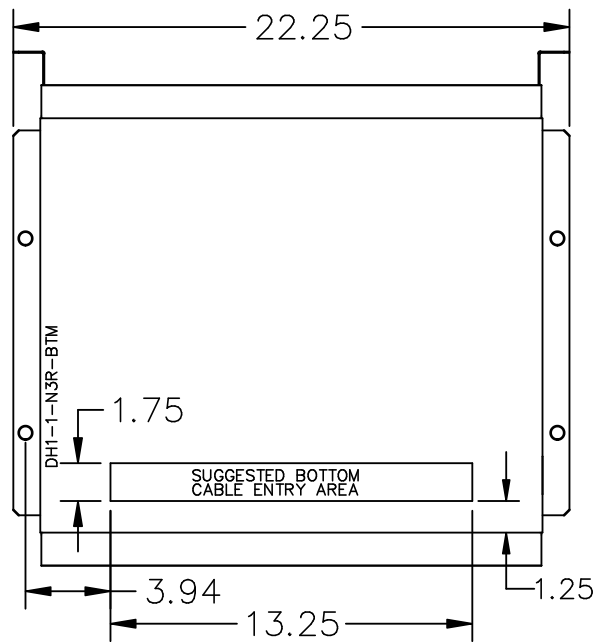
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SHEET 3 OF 4

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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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