



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 3

EDBSC3L0025PE

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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. **SG3L0025PE**

hammond LR 3902
DRY TYPE
TRANSFORMER
77US
E112313

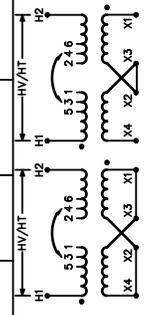
8 0342314116 5
ALSO REFER TO LOCAL IEC
TYPE ENERGY STANDARDS
BY UNDERWRITERS LABORATORIES INC. @ 316

LISTED

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

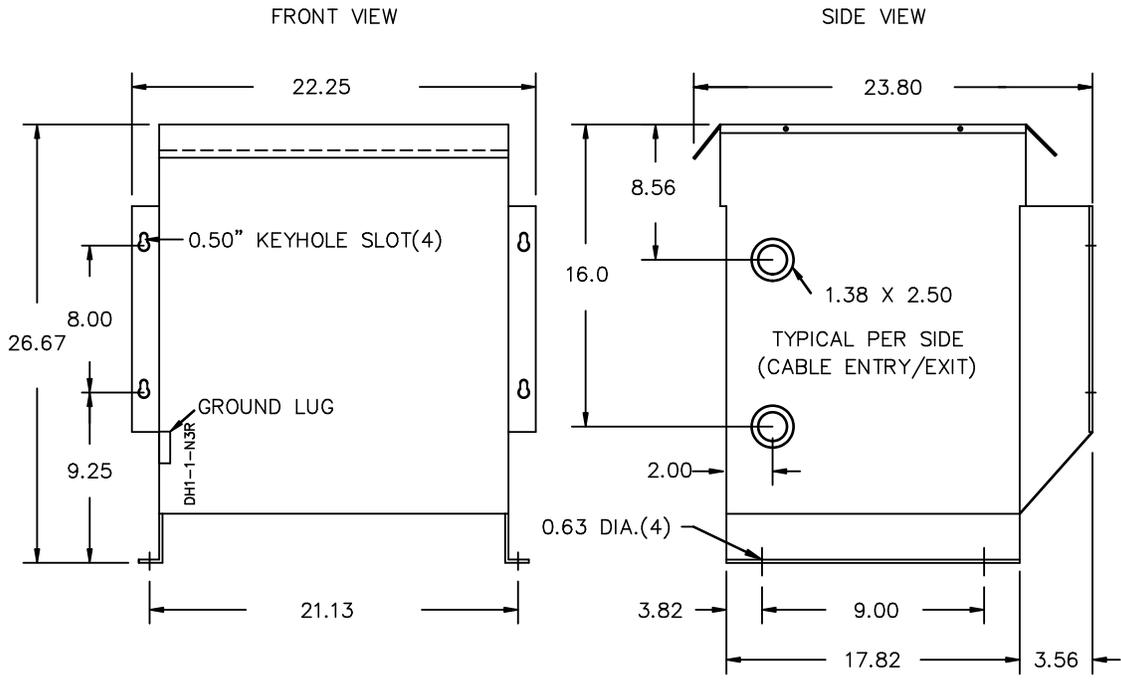
VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	39.7	105	1-2
615	40.7	102.5	2-3
600	41.7	100	3-4
585	42.7	97.5	4-5
570	43.9	95	5-6
120	208.3		X4&X2, X3&X1
240	104.2		X1, X4

Cust. Ref.	Serial No.
Ref. du Client	No. de Serie
Phase	HV/HT
Type	BIL
Cooling	Term
Refroidissement	Bornes
kVA	LV/BT
Temp. Rise	150 °C
Echauffement	BIL
Temp Class	220 °C
Classe Temp	Term
Winding	AL
Enroulement	Energy
Frequency	60
Reglements	Reglements
Impedance %	5.9
Énergétique	
Encl. Type	3R
Type de Coffrage	
Weight	210
Poids	



SEISMIC QUALIFICATIONS:
OSP-0136/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d000186hb



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

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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



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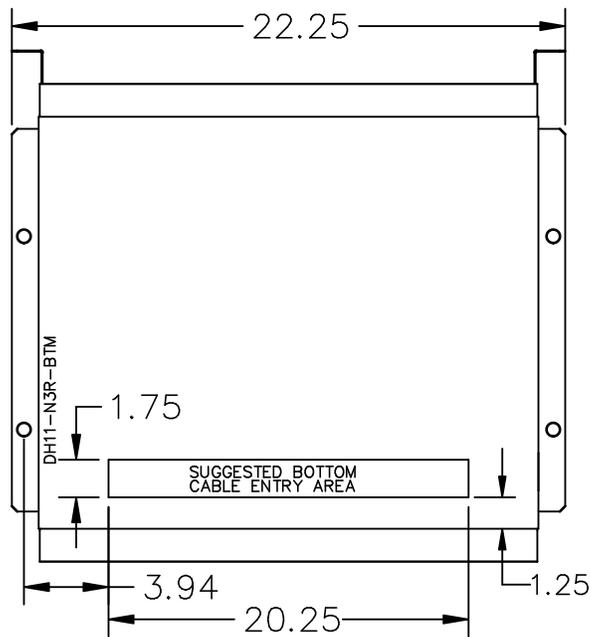
SHEET 2 OF 3

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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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