



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: PPICASSI
2	21/07/16	PP	EDB UPDATE	DATE: 18/08/09
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSC3L0025HEOC

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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. **SG3L0025HEOC**

hammond LR 3902
DRY TYPE DISTRIBUTION TRANSFORMER
77US E112313

8 0342314108
ALSO REFER TO LOCAL CATALOGS
TO ENERGY STANDARDS C920-18
BY UNDERWRITERS LABORATORIES INC. 0198

LISTED

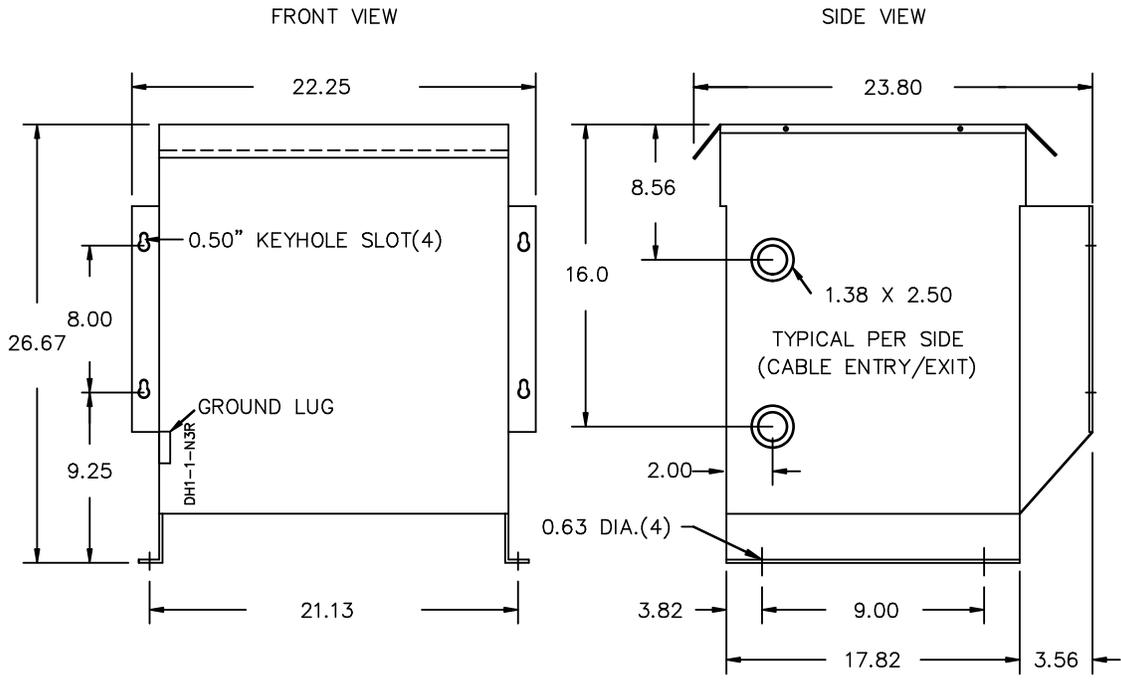
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
437	57.2	105	1-2
426	58.9	102.5	2-3
416	60.1	100	3-4
406	61.6	97.5	4-5
395	63.3	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	416V 60.1A
Type	BIL	10 kV
Cooling	Term Bornes	H1 H2
Refrédissement	LV/BT	120/240V 208/104A
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 Régulation	CEE ACT SOR/2018-201
Winding	Energy Regulations	
Enroulement	Reglements de Régulation	
Frequency Hz	Impedance % @ 170°C	
Fréquence Hz	Impédance %	
Encl. Type	Encl. Type	
Type de Coffrage	Weight lbs	
	Poids	
		220

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



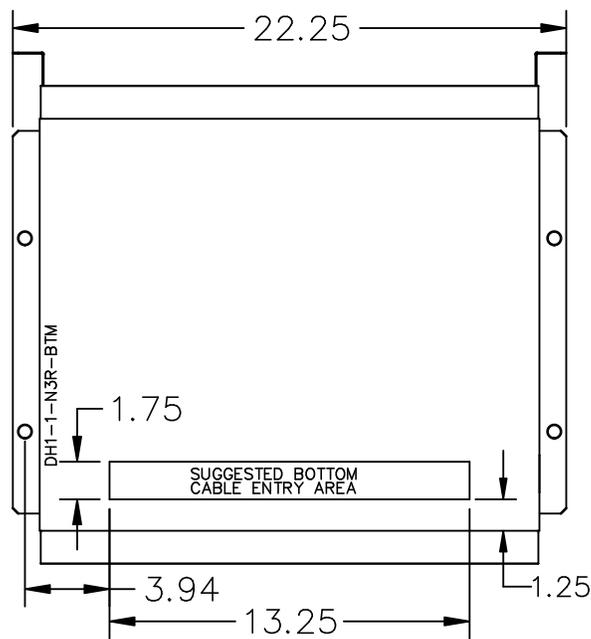
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ENCLOSURE BOTTOM VIEW



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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