



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: PPI/CASSI
1	20/03/17	PP	SEISMIC UPDATE	DATE: 17/04/27
				SCALE: NTS

SHEET 1 OF 3

EDB SG3L0037PEOC

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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

DRY TYPE
77US
E112313

LR 3902

0342314125 7

ALSO REFER TO IEC 60076-1
TO ENERGY STANDARDS C22.0-18
BY UNDERWRITERS LABORATORIES INC. 0148

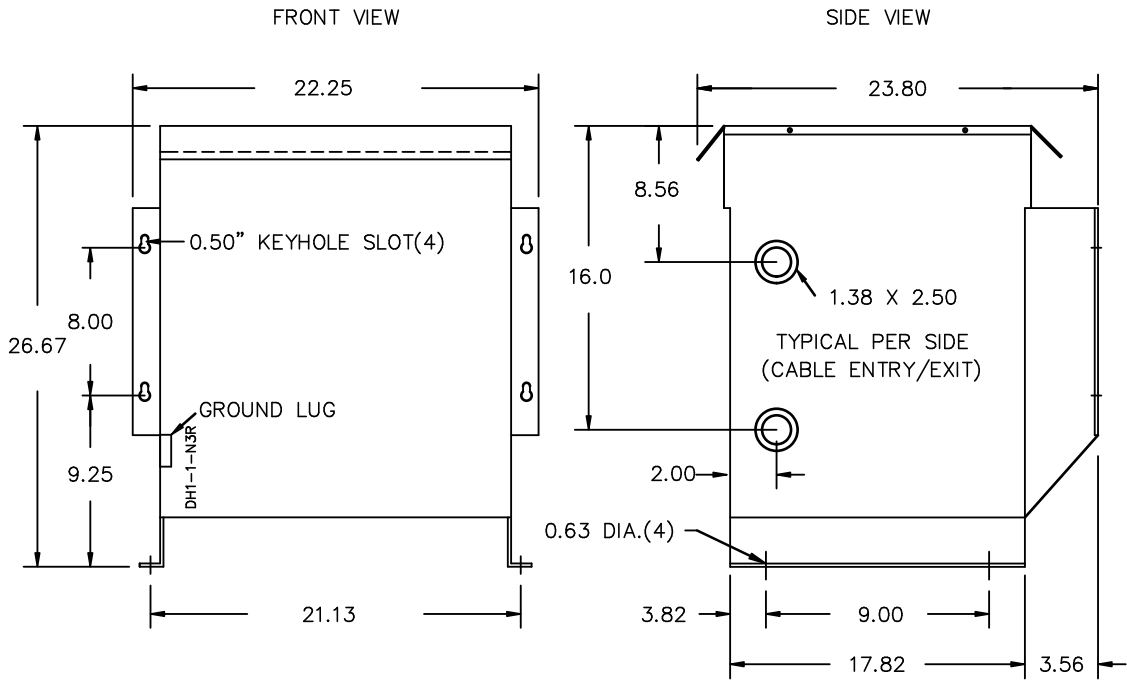
LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES
ESPACEMENTS ENTRE LES PANNEAUX DE BOTTIER VENTILÉ ET LES MURS ADJACENT DOIVENT ÊTRE UN MINIMUM DE 3 POUNCES

SEISMIC QUALIFICATIONS, OSP-0136-10
QUALIFICATIONS SISMOSES, MONTAGE AU SOL SEULEMENT
OSP-0136-10 IBC 2012/ASCE 7-10
SDS<=2.0G Z/H=1 IP=1.5
FLOOR MOUNT ONLY

Cust. Ref. Ref. du Client	Serial No. No. de Serie	600V	62.5A	VOLTS	CONNECTION EACH PHASE CONNECTION PAR PHASE
Phase	1	HV/HT		630	1-2
Type	F	BIL	10 kV	615	2-3
Cooling Refrondissement	ANN	Term Bornes	H1 H2	600	3-4
kVA	37.5	LV/BT	120/240V 312.5/156A	585	4-5
Temp. Rise Échauffement	150 °C	BIL	10 kV	570	5-6
Temp Class Classe Temp	220 °C	Term Bornes	X4 X2 X3 X1	555	6-7
Winding Enroulement	CU	Energy Regulations	DOE 10 CFR PART 431:2016	540	7-8
Frequency Hz	60	Reglements de Énergétique	CEE ACT SOR/2018-201		X4&X2, X3&X1 X1, X4
Impedance % @ 170 °C	5.9				
Encl. Type Type de Coffrage	3R				
Weight Poids	290				

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 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

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



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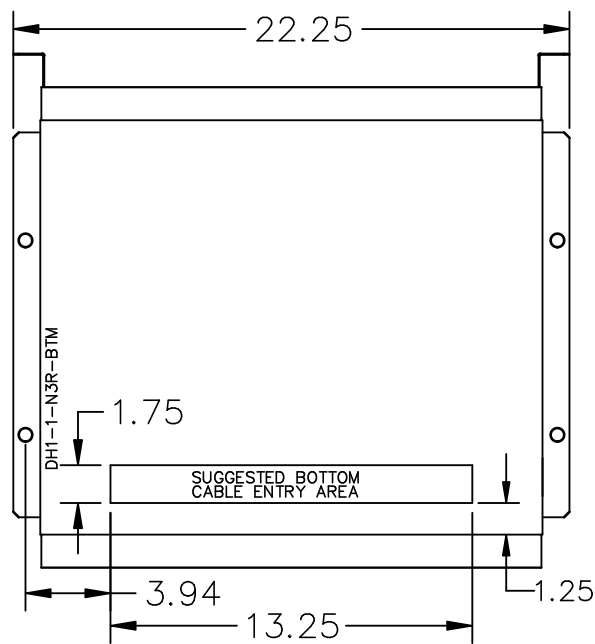
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ENCLOSURE BOTTOM VIEW



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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