



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

EDBSG3L0037PEOC

2.0 httpd 2026/04/04 23:01

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

POWER SOLUTIONS
Guelph, ONT
Hyderabad, IN Compton, CA

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

Part No. **SG3L0037PEOC**

Serial No. []
No. de Serie []

Phase 1 HV/HT

Type F BIL

Cooling Refroidissement ANN Term Bornes

kVA 37.5 LV/BT 120/240V 312.5/156A

Temp. Rise Echauffement 150 °C BIL

Temp Class Classe Temp 220 °C Term Bornes

Winding Enroulement CU Energy Regulations

Frequency Fréquence Hz 60 Reglements de l'Energétique

Impedance % @ 170 °C 5.9

Encl. Type Type De Coffrage 3R

Weight Poids lbs 290

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	59.5	105	1-2
615	61.0	102.5	2-3
600	62.5	100	3-4
585	64.1	97.5	4-5
570	65.8	95	5-6
555	67.6	92.5	6-7
540	69.4	90	7-8
120	312.5		X4&X2, X3&X1
240	156.3		X1, X4

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

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

0000186hb

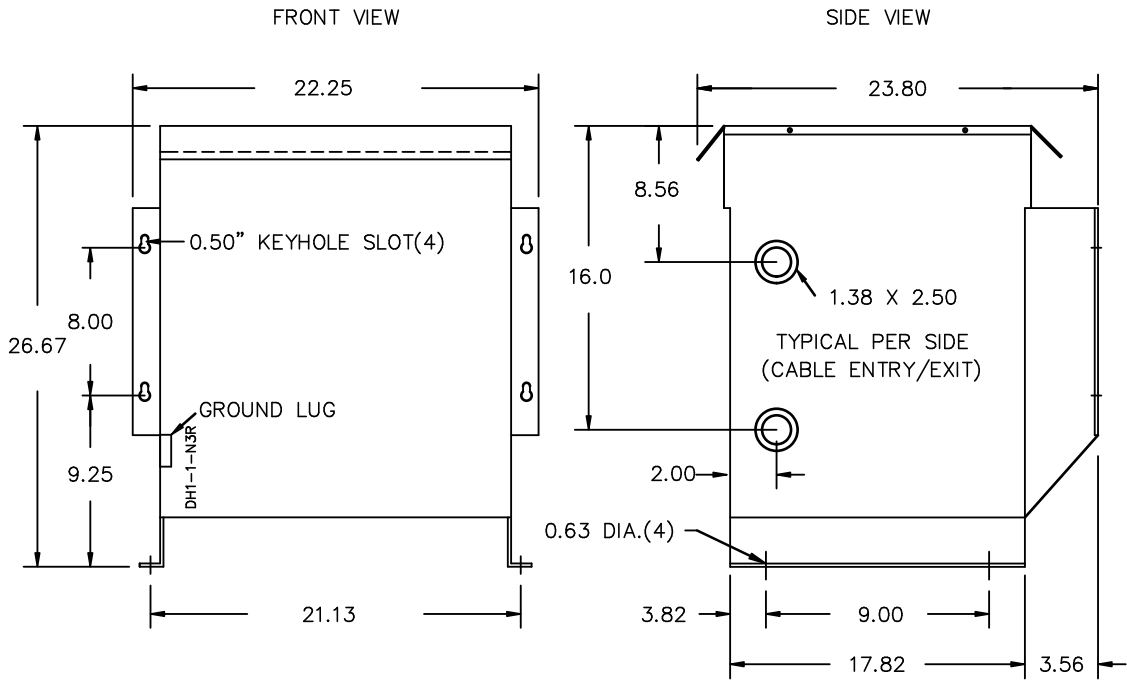
LR 3902

UL LISTED

DRY TYPE TRANSFORMER
77US E112313

8 03423 14125 7

ALSO REFER TO IEC 60076-1
TO ENERGY STANDARD IEC 60270-18
BY UNDERWRITERS LABORATORIES INC. @ 3148



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



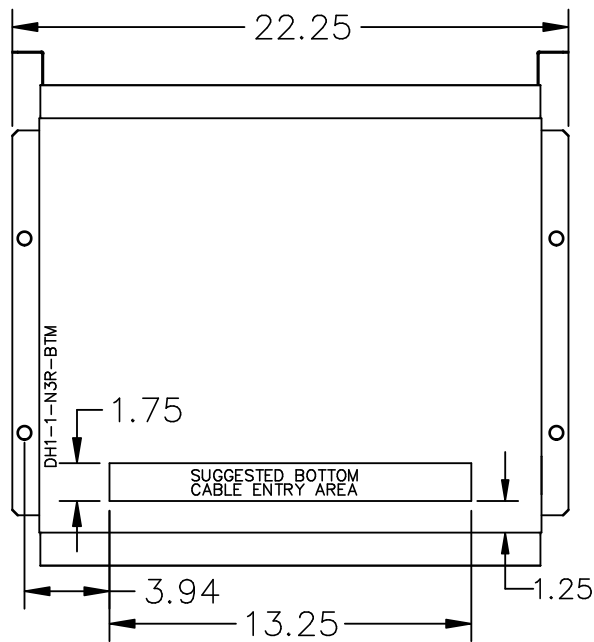
TITLE: 1PH DISTRIBUTION TRANSFORMER

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

SHEET 2 OF 3

EDBSC10037PEOC

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



TITLE: 1PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

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

SHEET 3 OF 3

EDBSC3L0037PEOC