HPS Sentinel™ G

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Hammond Power Solutions

Guelph, ONT
Compton, CA

Baraboo, WI
Monterrey, MX

Part No. SG3L0025BE0C

LR 3902

DRY TYPE TRANSFORMER
77U5
E112313
LISTED

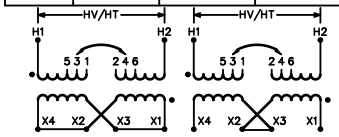
8 03423 14056 4

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	1	HV/HT	208V 120A
Type	F	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2
kVA	25	LV/BT	120/240V 208/104A
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220 °C	Term / Bornes	X4 X2 X3 X1
Winding / Enroulement	CU	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018-201
Impedance % @ 170 °C	5.7		
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs/kg	240/109		

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNEXION PAR PHASE
218	114	105	1–2
213	117	102.5	2–3
208	120	100	3–4
203	123	97.5	4–5
198	127	95	5–6
120	208.3		X4&X2, X3&X1
240	104.2		X1, X4

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



SEISMIC QUALIFICATIONS:
OSP-0136-10/IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

d0001186b

Hammond Power Solutions Inc.

TITLE: 1PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION

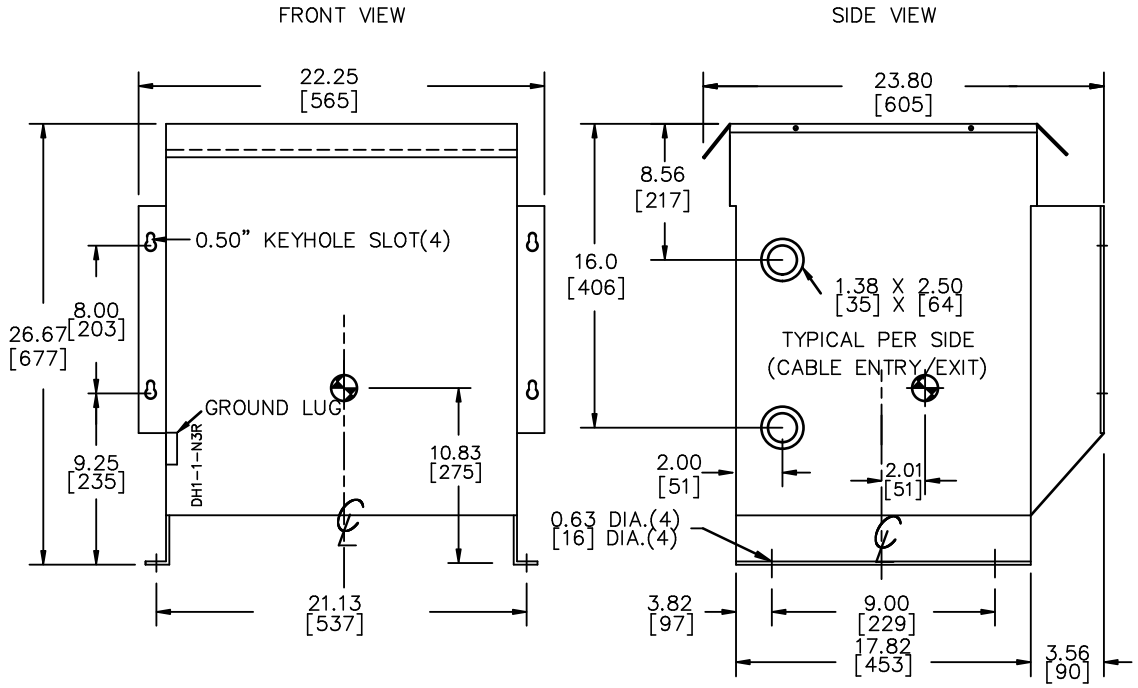
NO.	DATE	BY	REVISION
1	21/07/16	PP	EDB UPDATE

DES: CSHAH
DATE: 20/09/15
SCALE: NTS

SHEET 1 OF 3

EDBSG3L0025BE0C

1.0 jwen 2021/07/16 13:48



All Dimensions in inches[mm]

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

LV TERMINAL DETAIL

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

Hammond Power Solutions Inc.

TITLE: 1PH DISTRIBUTION TRANSFORMER

NO.	DATE	BY	REVISION
1	21/07/16	PP	EDB UPDATE

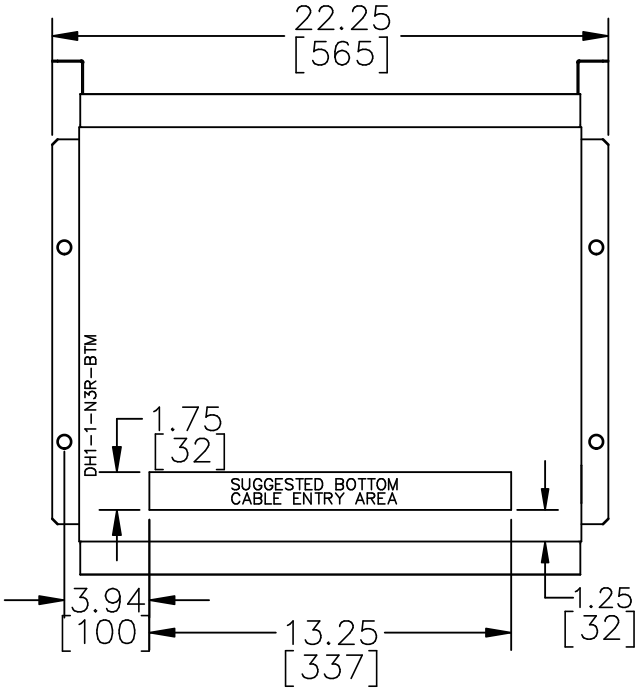
DES: CSHAH
DATE: 20/09/15
SCALE: NTS

SHEET 2 OF 3

EDBSG3L0025BE0C

1.0 jwen 2021/07/16 13:48

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

Hammond Power Solutions Inc.

TITLE: 1PH DISTRIBUTION TRANSFORMER ENCLOSURE BOTTOM VIEW

NO.	DATE	BY	REVISION
1	21/07/16	PP	EDB UPDATE

DES: CSHAH
DATE: 20/09/15
SCALE: NTS

SHEET 3 OF 3

EDBSG3L0025BE0C

1.0 jwen 2021/07/16 13:48