hammond POWER SOLUTIONS

Energy Efficient
General Purpose Distribution Transformer
Transformateur de Distribution
à usage général économe en énergie

Hyderabad, IN | Guelph, ONT / Compton, CA | Baraboo, WI / Monterrey, MX

Part No. SG3M0025XE

LR 3902

DRY TYPE TRANSFORMER 77US E112313 LISTED

8 03423 14132 5

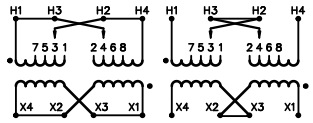
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	1	HV/HT	220X440V 56.8A
Type	F	BIL	10 kV
Cooling / Refroidissement	ANN	Term Bornes	H1 H3 H2 H4
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	AL	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	307/140		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
440	56.8	SEE CHART	H1,H4
416	60.1		H1,H4
400	62.5		H1,H4
380	65.8		H1,H4
220	113.6		H1&H3, H2&H4
208	120.2		H1&H3, H2&H4
200	133.0		H1&H3, H2&H4
190	131.6		H1&H3, H2&H4
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

SUITABLE FOR OPERATION AT 50HZ



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

d000186hb

TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION

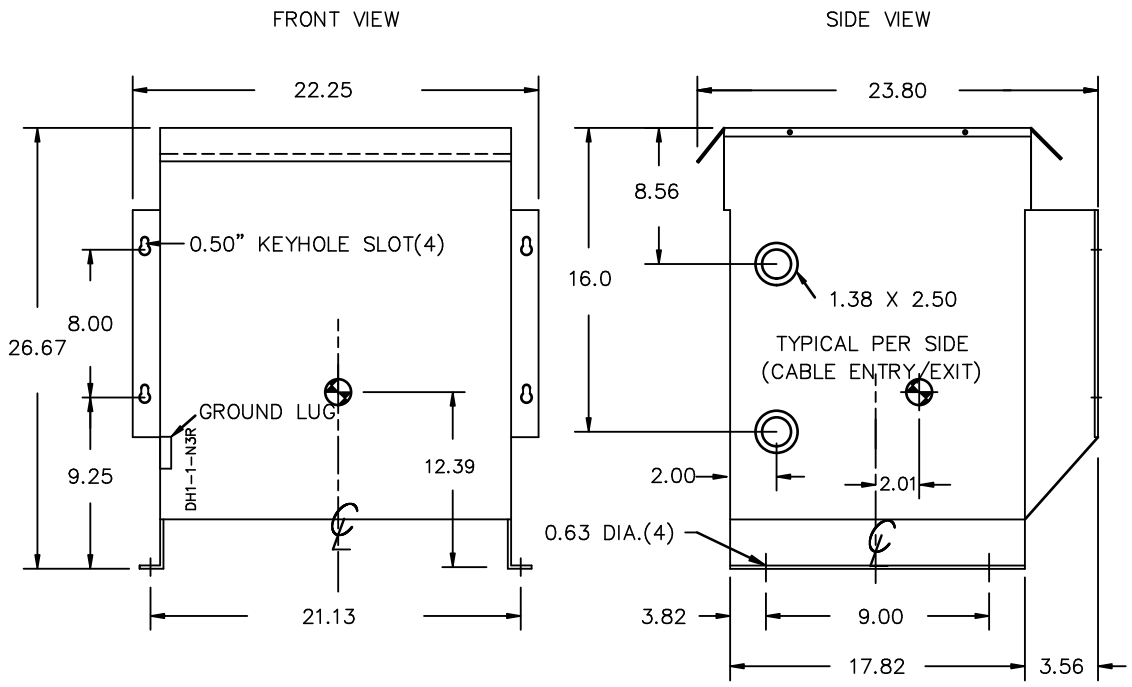
SCALE: NTS | DATE: 25/08/21 | DES: LCEN

SHEET 1 OF 4

EDBSG3M0025XE

0.1 httpd 2026/11/05 23:43

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



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #14–2 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

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

hammond POWER SOLUTIONS

TITLE: 1PH DISTRIBUTION TRANSFORMER

NO.	DATE	BY	REVISION

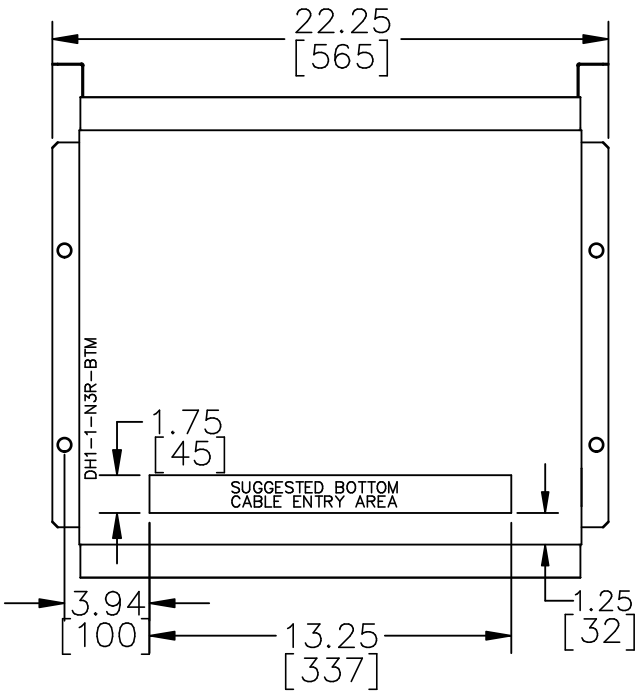
DES: LCEN
DATE: 25/08/21
SCALE: NTS

SHEET 2 OF 4

EDBSG3M0025XE

0.1 htpd 2026/11/05 23:43

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

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

0.1 httpd 2026/11/05 23:43

hammond POWER SOLUTIONS

TITLE: 1PH DISTRIBUTION TRANSFORMER
ENCLOSURE BOTTOM VIEW

NO.	DATE	BY	REVISION

DES: LCEN
DATE: 25/08/21
SCALE: NTS

EDBSG3M0025XE

PRIMARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
440	H1,H4	1-H2,2-H3,H2-H3
416	H1,H4	3-H2,4-H3,H2-H3
400	H1,H4	5-H2,6-H3,H2-H3
380	H1,H4	7-H2,8-H3,H2-H3
220	H1,H4	1-H2,2-H3,H1-H3,H2-H4
208	H1,H4	3-H2,4-H3,H1-H3,H2-H4
200	H1,H4	5-H2,6-H3,H1-H3,H2-H4
190	H1,H4	7-H2,8-H3,H1-H3,H2-H4
SECONDARY VOLTS	CONNECTION LINES TO	INTER-CONNECT
240	X1,X4	X2-X3
120	X1,X4	X1-X3,X2-X4
120/240	X1,X2,X4	X2-X3

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

0.1 httpd 2026/11/05 23:43

hammond POWER SOLUTIONS

TITLE: 1PH DISTRIBUTION TRANSFORMER

NO.	DATE	BY	REVISION

DES: LCEN
DATE: 25/08/21
SCALE: NTS

SHEET 4 OF 4

EDBSG3M0025XE