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. SG3L0037PE0C

LR 3902

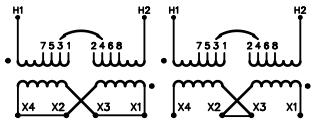
DRY TYPE TRANSFORMER 77U5 E112313 LISTED

8 03423 14125 7

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	600V 62.5A
Type	F	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2
kVA	37.5	LV/BT	120/240V 312.5/156A
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	5.9		
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs	290		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION 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 BOÎTIER VENTILÉ ET LES MURS ADJACENT DOIVENT ÊTRE UN MINIMUM DE 3 POUNCES

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

d000186hb

hammond POWER SOLUTIONS

TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE

SCALE: NTS | DATE: 17/04/27 | DES.: PPICASSI

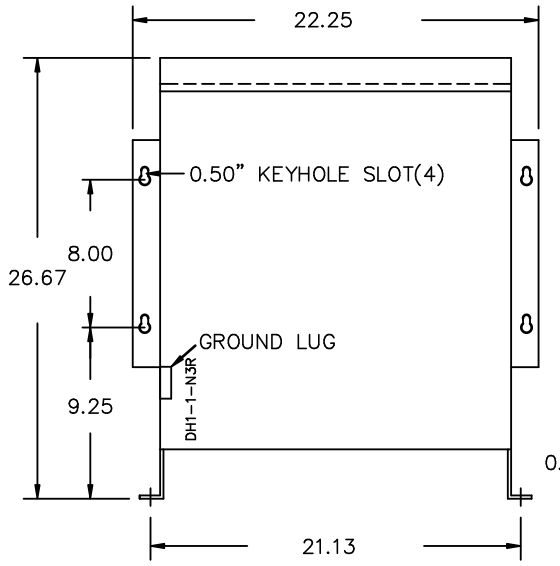
SHEET 1 OF 3

EDB SG3L0037PE0C

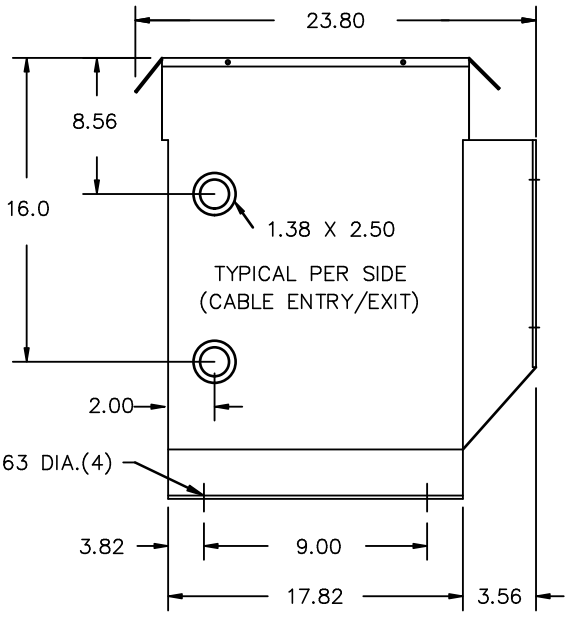
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FRONT VIEW



SIDE VIEW



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 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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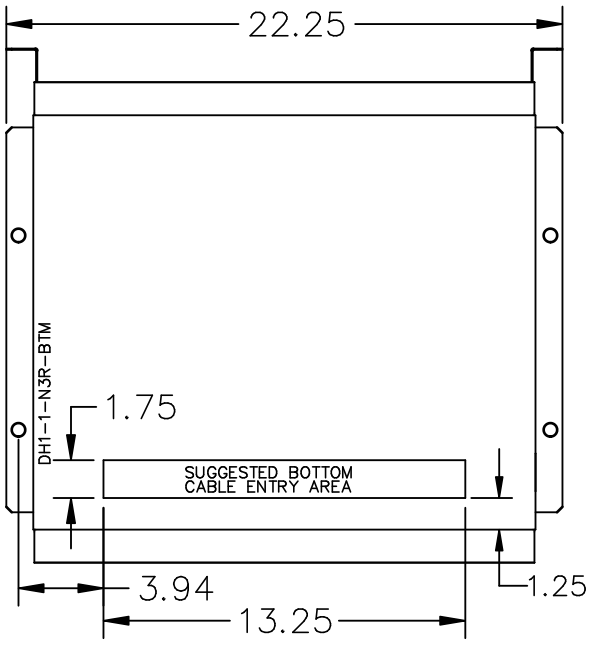
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DATE: 17/04/27
SCALE: NTS

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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

hammond POWER SOLUTIONS

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NO.	DATE	BY	REVISION	
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1	20/03/17	PP	SEISMIC UPDATE	DATE: 17/04/27
				SCALE: NTS

SHEET 3 OF 3

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