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. SG3L0037FE

LR 3902

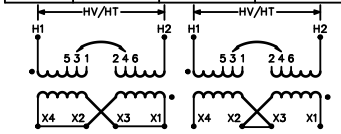
DRY TYPE TRANSFORMER
77US
E112313
LISTED

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

8 03423 14085 4

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	1	HV/HT	277V 135A
Type	F	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2
kVA	37.5	LV/BT	120/240V 312/156A
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	6		
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs/kg	265/121		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
291	129	105	1-2
284	132	102.5	2-3
277	135	100	3-4
270	139	97.5	4-5
263	143	95	5-6
120	312		X4&X2, X3&X1
240	156		X1, X4



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

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: 23/08/17
DES: RMOVVA

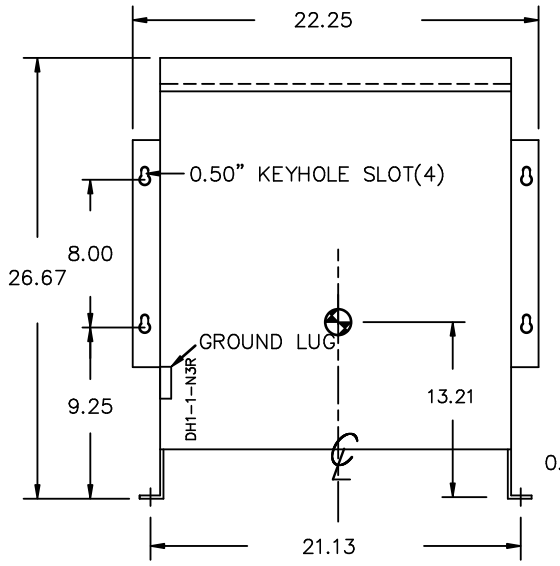
SHEET 1 OF 3

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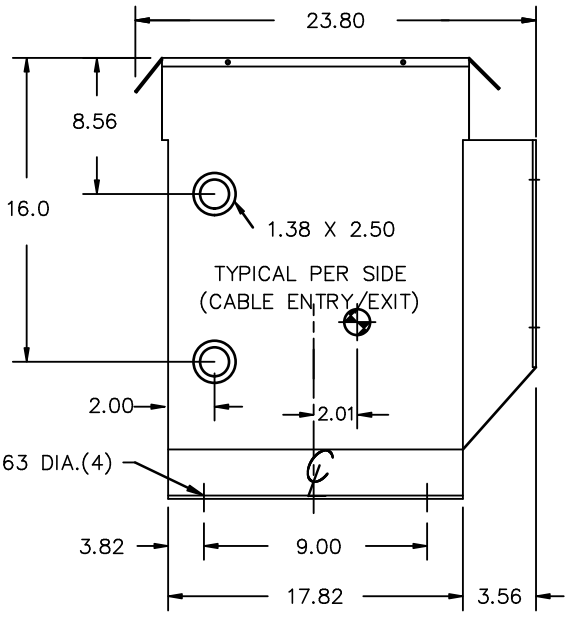
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FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM–6 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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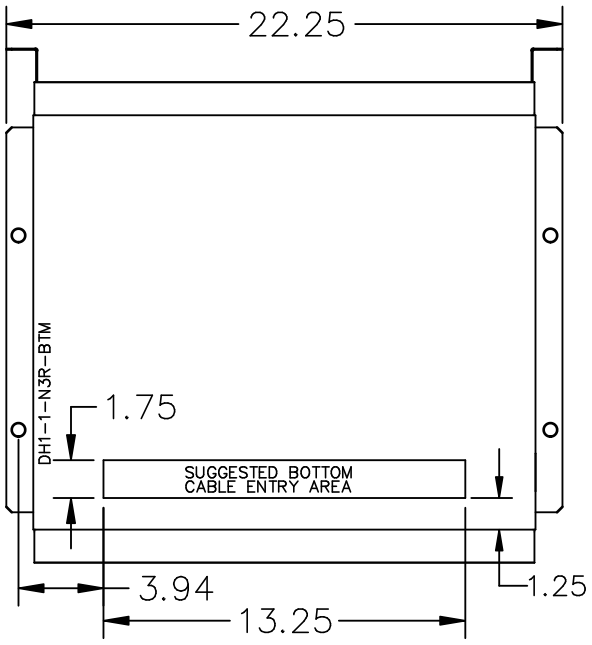
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ENCLOSURE BOTTOM VIEW



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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SHEET 3 OF 3

EDBSG3L003FE

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