- IMPEDANCE SHOWN IS CALCULATED VALUE
- TESTED IMPEDANCE WILL BE SHOWN ON TRANSFORMER NAMEPLATE

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. SG3A1000KK

LR 3902

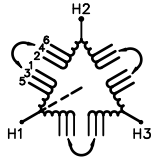
DRY TYPE TRANSFORMER 77U5 E112313 LISTED

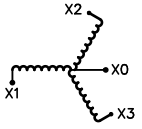
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWRITERS LABORATORIES INC.® 3VJ6

8 03423 12816 6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	480V 1203A
Type	K	BIL	10 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	1000	LV/BT	480Y/277V 1203A
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220 °C	Term / Bornes	X0 X1 X2 X3
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	5.6		
Encl Type / Type De Coffrage	3R		
Weight / Poids lbs	5450		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
509	1135	106	1-2
494	1168	103	2-3
480	1203	100	3-4
466	1240	97	4-5
451	1280	94	5-6





SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=0 Ip=1.5

d000186hb

hammond POWER SOLUTIONS

TITLE: 3PH 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: 18/03/29 | DES: MABDELAT

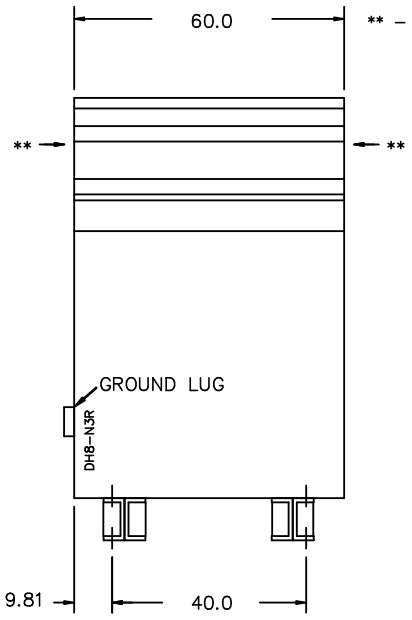
SHEET 1 OF 3

EDBSG3A1000KK

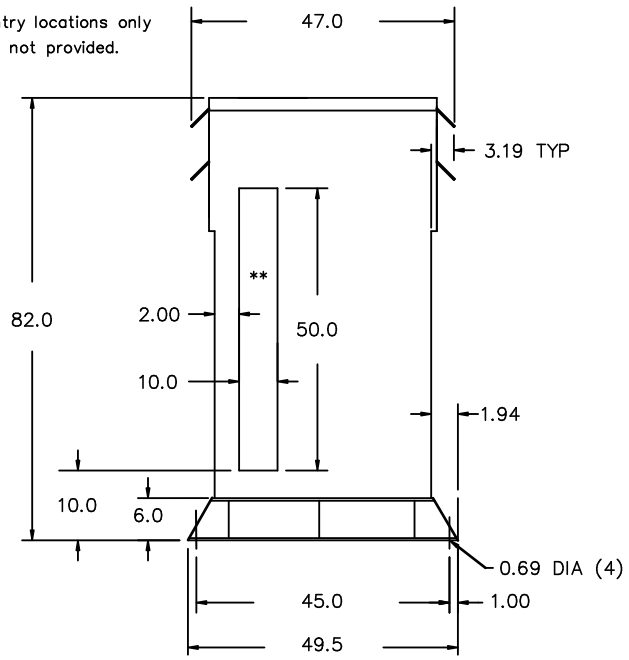
2.0 httpd 2026/11/05 04:40

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FRONT VIEW



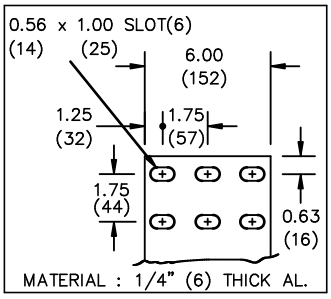
SIDE VIEW



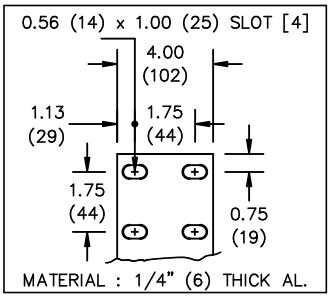
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:
- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT

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TITLE: 3PH DISTRIBUTION TRANSFORMER

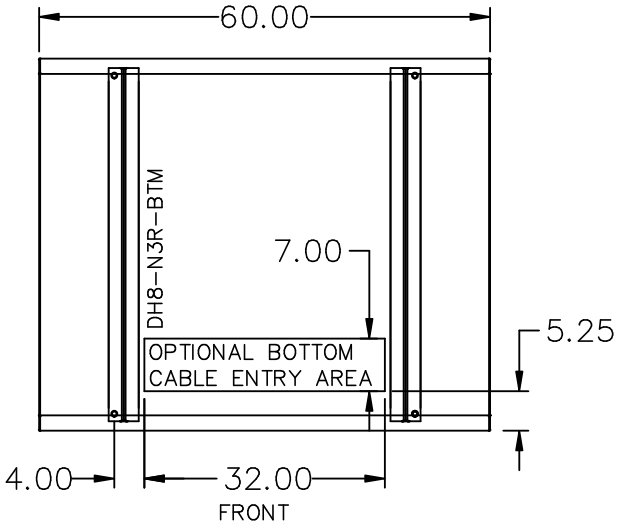
NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE

DES: MABDELAT
DATE: 18/03/29
SCALE: NTS

SHEET 2 OF 3

EDBSG3A1000KK

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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hammond POWER SOLUTIONS

TITLE: 3PH DISTRIBUTION TRANSFORMER ENCLOSURE BOTTOM VIEW

NO.	DATE	BY	REVISION	
2	21/07/16	PP	EDB UPDATE	DES: MABDELAT
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/03/29
				SCALE: NTS

SHEET 3 OF 3

EDBSG3A1000KK