hammond POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

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

Part No. MG3A0045SKSAGC0

LR 3902

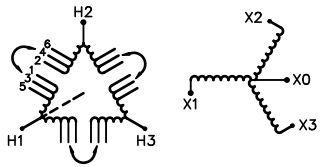
DISTRIBUTION TRANSFORMER
56Y1
E147879
LISTED

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	3	HV/HT	4160V 6.2A
Type	K	BIL	30 kV
Cooling / Refroidissement	AA	Term / Bornes	H1 H2 H3
kVA	45	LV/BT	480Y/277V 54.1A
Temp. Rise / Echauffement	130 °C	BIL	10 kV
Temp Class / Classe Temp	200°C	Term / Bornes	X0 X1 X2 X3
Winding / Enroulement	CU/AL	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2018-201
Impedance % @ 150 °C	3.4		
Encl. Type/Category / Type ou categorie de boîtier	3R C		
Weight / Poids lbs/kg	590/268		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
4368	5.9	105	1-2
4264	6.1	102.5	2-3
4160	6.2	100	3-4
4056	6.4	97.5	4-5
3952	6.6	95	5-6

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



SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/h=1 Ip=1.5

qb0059806b

- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

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TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
3	25/03/21	DC	UPDATED NPL VERSION
2	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE

SCALE: NTS | DATE: 18/01/02 | DES.: ASETH

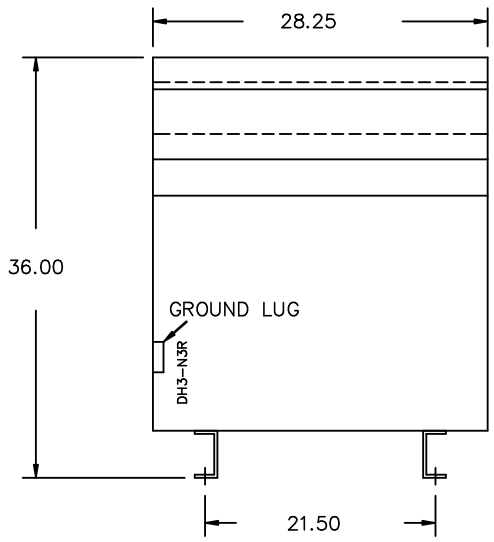
SHEET 1 OF 3

EDB MG3A0045SKSAGC0

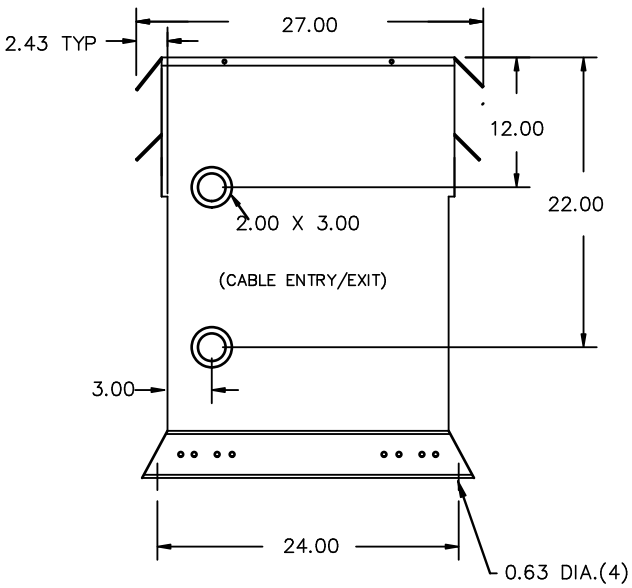
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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

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 #2/0–14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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

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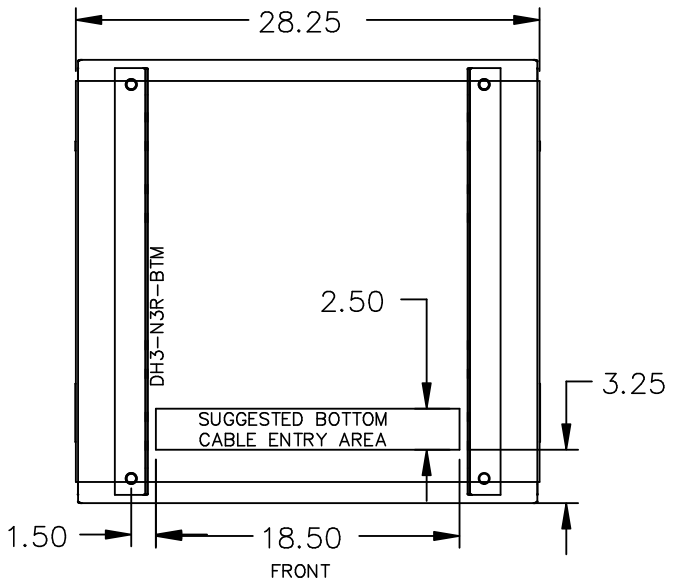
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EDB MG3A0045KSAGCO

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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SHEET 3 OF 3

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