hammond POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

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

Part No. MG3A0300SKSCHC0

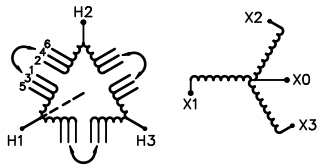
LR 3902

DISTRIBUTION TRANSFORMER
56Y1
E147879
LISTED

8 03423 13455 6

Cust. Ref. / Ref. du Client		Serial No. / No. de Serie	
Phase	3	HV/HT	4160V
Type	K	BIL	30 kV
Cooling / Refroidissement	ANN	Term / Bornes	H1 H2 H3
kVA	300	LV/BT	480Y/277V, 360.8A
Temp. Rise / Echauffement	150 °C	BIL	10 kV
Temp Class / Classe Temp	220°C	Term / Bornes	X0 X1 X2 X3
Winding / Enroulement	CU	Energy Regulations	DOE 10 CFR PART 431:2016
Frequency / Frequence Hz	60	Reglements de Energetique	CEE ACT SOR/2011-182
Impedance % @ 170 °C	3.6		
Encl. Type/Category / Type ou categorie de boîtier	3R | C	ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-12 BY UNDERWRITERS LABORATORIES INC. 3VJ6	
Weight / Poids lbs	2400		

VOLTS	CURRENT / COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION EACH PHASE / CONNEXION PAR PHASE
4368	39.7	105	1-2
4264	40.6	102.5	2-3
4160	41.6	100	3-4
4056	42.7	97.5	4-5
3952	43.8	95	5-6



SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNT!

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

qd0059806

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: 17/11/14
DES: RMOVVA

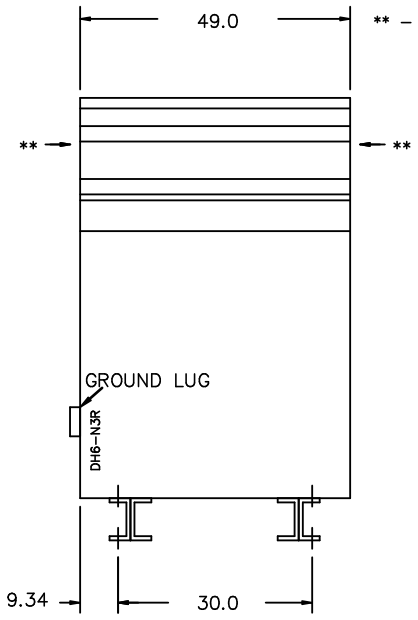
SHEET 1 OF 3

EDB MG3A0300SKSCHC0

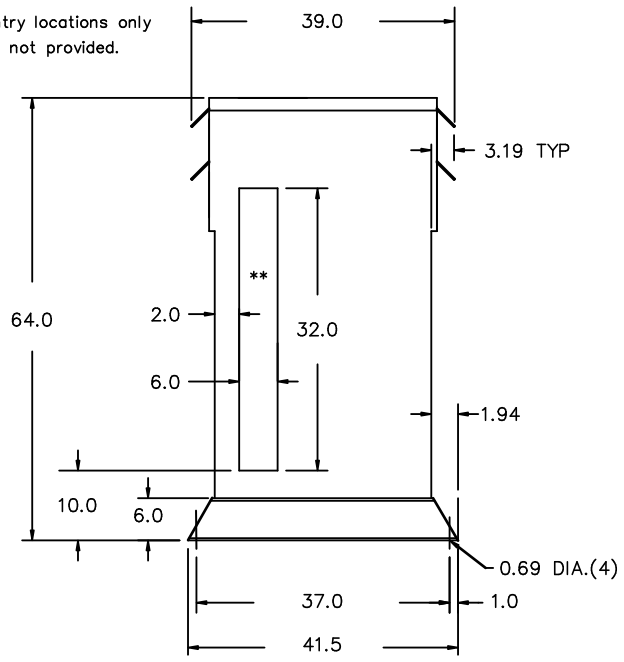
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FRONT VIEW



SIDE VIEW



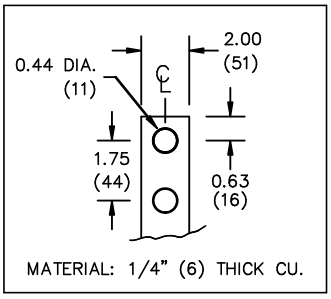
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #14–2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

L.V.1. TERMINAL DETAIL



CUSTOMER NOTES:
– HV1 TERMINATED AT TOP FRONT
– LV1 TERMINATED AT BOTTOM FRONT

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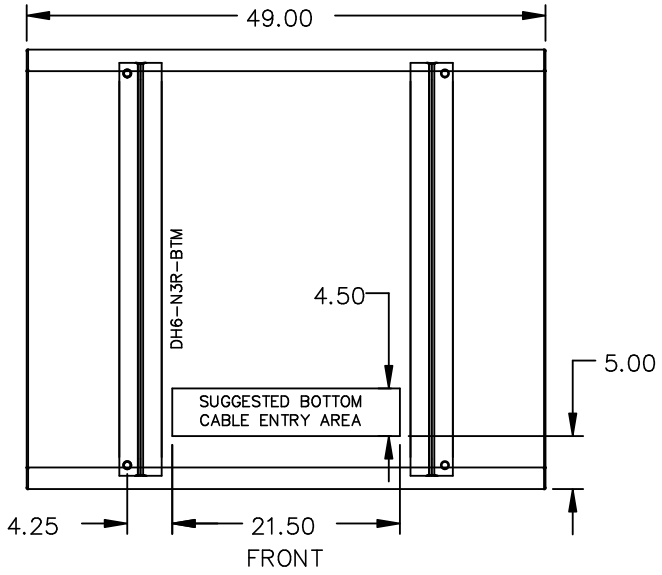
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EDBWG3A3000KSCHD

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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1	20/03/17	PP	SEISMIC UPDATE	DATE: 17/11/14
				SCALE: NTS

SHEET 3 OF 3

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