



- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000590hb



POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution



LR 3902
 DISTRIBUTION TRANSFORMER
 E147879

Hyderabad, IN Guelph, ONT Baraboo, WI Monterrey, MX Part No. MG3A1250SKSCHCO

Cust. Ref. [] Serial No. []
 Ref. du Client No. de Serie

Phase 3 HV/HT 173A

Type K BIL 30 kV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 1250 LV/BT 480Y/277V 1504A

Temp. Rise Echauffement 150 °C BIL 10 kV

Temp Class 220 °C Term Bornes X0 X1 X2 X3

Winding Enroulement CU Energy Regulations DOE 10 CFR PART 431:2016

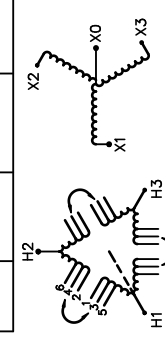
Frequency 60 Reglements CEE ACT SOR/2018-201

Impedance % @ 170 °C 5.6

End. Type/Category Type ou categorie de boîtier 3R C

Weight Poids 6900 lbs

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
4368	165	105	1-2
4264	169	102.5	2-3
4160	173	100	3-4
4056	178	97.5	4-5
3952	183	95	5-6



SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES
 ESPACEMENTS ENTRE LES PANNEAUX DE BOÎTIER VENTILÉ ET LES MURS ADJACENT DOIVENT ÊTRE UN MINIMUM DE 12 POUNCES

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

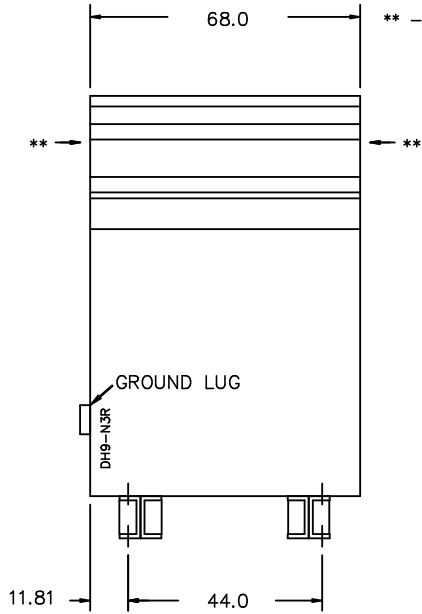


TITLE: 3PH POWER TRANSFORMER NAMEPLATE INFORMATION			
4	21/07/16	PP	EDB UPDATE
3	20/08/14	KP	ADDED SHEET 3 FOR BOTTOM CABLE ENTRY
NO.	DATE	BY	REVISION
		DES:	SPATEL
		DATE:	20/01/24
		SCALE:	NTS

SHEET 1 OF 3
 EDBMG3A1250SKSCHCO
 4.0 http://www.hammond.com 2026/04/04 15:18

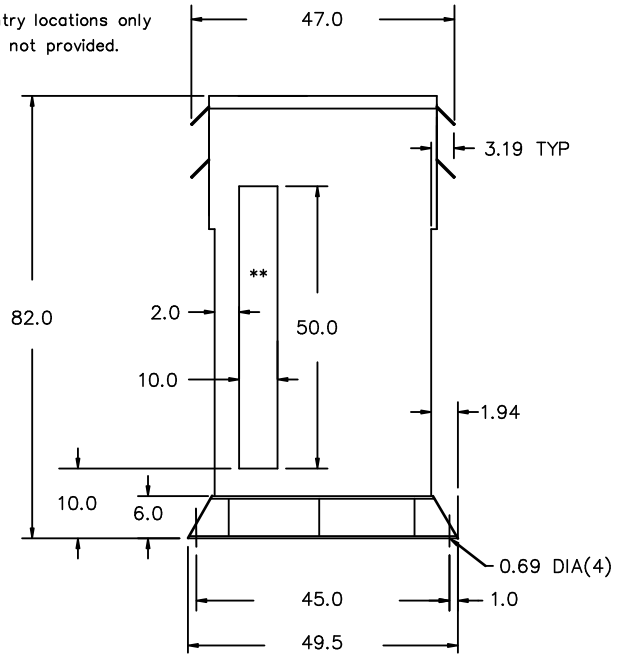
THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

FRONT VIEW



** - Recommended cable entry locations only
cutouts & gland plates not provided.

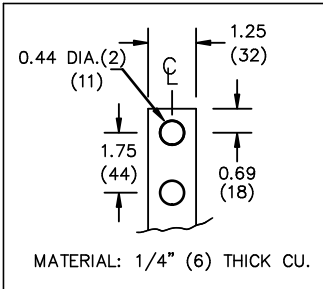
SIDE VIEW



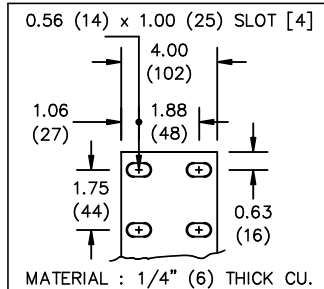
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

H.V.1. TERMINAL DETAIL



L.V.1. TERMINAL DETAIL



CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



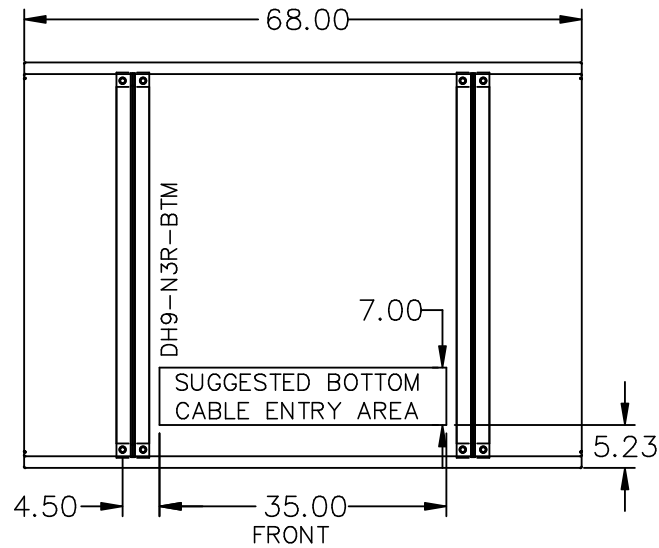
TITLE: 3PH POWER TRANSFORMER
MECHANICAL DETAILS

4	21/07/16	PP	EDB UPDATE	DES: SPATEL
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SHEET 2 OF 3

EDBMC3A1250SKSCHCO

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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