



- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000590hb



**hammond**  
POWER SOLUTIONS

Distribution Transformer  
Transformateur de Distribution



LR 3902  
DISTRIBUTION TRANSFORMER  
E147879  
LISTED

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

Hyderabad, IN Part No. MG3A0045SBSGCCO

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

Phase 3 HV/HT 4160V 6.2A

Type K BIL 30 kV

Cooling Refroidissement ANN Term Bornes H1 H2 H3

kVA 45 LV/BT 208Y/120V 125A

Temp. Rise Echauffement 130 °C BIL 10 kV

Temp Class 200 °C Term Bornes X0 X1 X2 X3

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

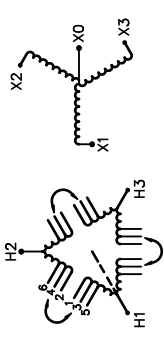
Frequency 60 Reglements CEE ACT SOR/2018-201

Impedance % 3.2 @ 150 °C

End. Type/Category Type ou categorie 3R C

Weight Poids 605 lbs

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION CONNECTION 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



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

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



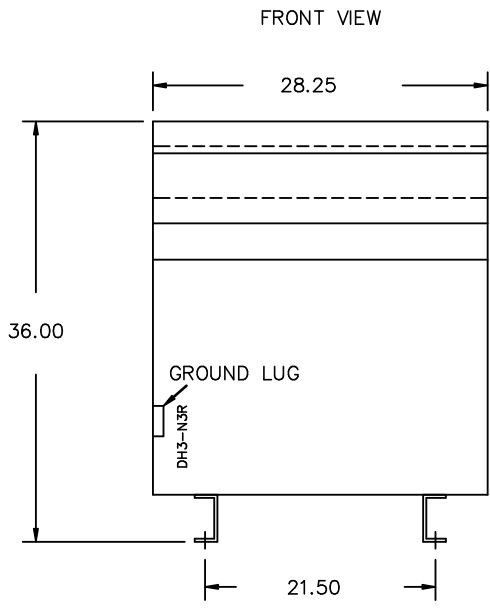
TITLE:		3PH DISTRIBUTION TRANSFORMER. NAMEPLATE INFORMATION	
3	21/08/30	DC	NEW NPL FORMAT(HCN: 75391)
2	21/07/16	PP	EDB UPDATE
NO.	DATE	BY	REVISION
		DES:	DCORTEZ
		DATE:	17/09/20
		SCALE:	NTS

SHEET 1 OF 3

EDBMG3A0045SBSGCCO

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



All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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

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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SHEET 2 OF 3

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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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