



- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED

d000590hb



**POWER SOLUTIONS**

**Distribution Transformer**  
**Transformateur de Distribution**



LR 3902  
DISTRIBUTION TRANSFORMER  
E147879

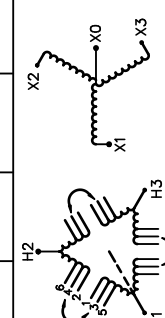
Hyderabad, IN    Guelph, ONT    Baraboo, WI    Monterrey, MX    Part No. MG3A0075SKSCGC0

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

Phase	3	HV/HT	4160V	10.4A
Type	K	BIL	30 kV	
Cooling Refroidissement	ANN	Term Bornes	H1 H2 H3	
kVA	75	LV/BT	480Y/277V	90.2A
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 Energetique	CEE ACT SOR/2018-201	
Impedance % @ 150 °C	3.2			
End. Type/Category Type ou categorie de boitier	3R	C		
Weight lbs/kg Poids	715/325			

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION CONNECTION PAR PHASE
4368	9.9	105	1-2
4264	10.2	102.5	2-3
4160	10.4	100	3-4
4056	10.7	97.5	4-5
3952	11.0	95	5-6

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES  
 ESPACEMENTS ENTRE LES PANNEAUX DE BOITIER VENTILE ET LES MURS ADJACENT DOIVENT ETRE UN MINIMUM DE 5 POUNCES



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



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

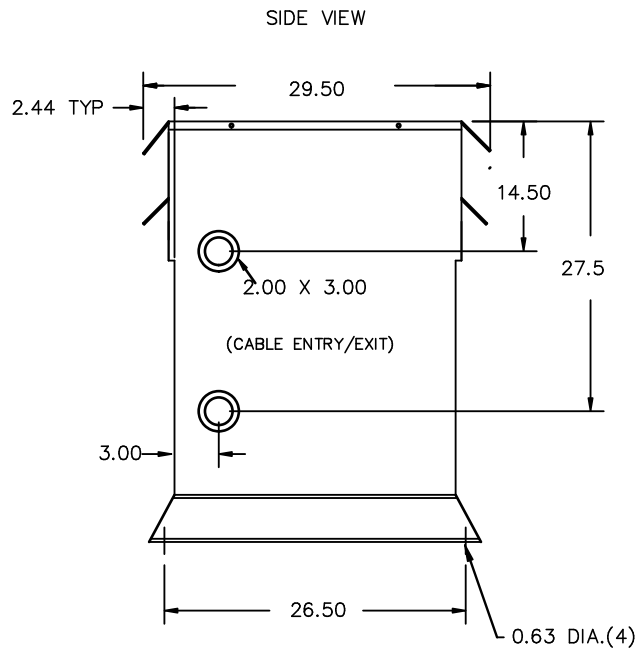
5	22/05/24	DC	ADDED HV AMPS(HCN: 76908)	DES: MGOMEZ
4	21/07/16	PP	EDB UPDATE	DATE: 16/11/16
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBMG3A0075SKSCGC0



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 #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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SHEET 2 OF 3

EDBMG3A0075SKSCGCO



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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SHEET 3 OF 3

EDBMC3A0075SKSCGCCO