



- IMPEDANCE SHOWN IS CALCULATED VALUE

d000590hb



POWER SOLUTIONS

Distribution Transformer
Transformateur de Distribution

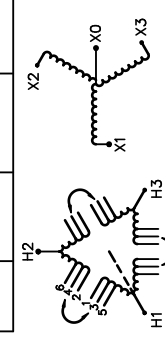


LR 3902
DISTRIBUTION TRANSFORMER
E147879
LISTED

Hyderabad, IN Guelph, ONT Baraboo, WI Monterrey, MX Part No. MG3A0150SBSAHCO

Cust. Ref.	Serial No.	HV/HT	4160V	20.8A	CONNECTION
Ref. du Client	No. de Serie	HV/HT	4160V	20.8A	FOR CONNECTION
Phase	3	BIL	30 kV		PER PHASE
Type	K	Term Bornes	H1 H2 H3		1-2 2-3 3-4 4-5 5-6
Cooling Refroidissement	ANN	LV/BT	208Y/120V	416A	
kVA	150	BIL	10 kV		
Temp. Rise Echauffement	150 °C	Term Bornes	X0 X1 X2 X3		
Temp Class	220 °C	Energy Regulations	DOE 10 CFR PART 431:2016		
Winding Enroulement	AL	Reglements Energetique	CEE ACT SOR/2018-201		
Frequency	60	Impedance % @ 170 °C	3.5		
Impedance %	3.5	End. Type/Category	3R C		
End. Type/Category	3R C	Weight lbs/kg	1250/567		
Type ou categorie de boitier					
Weight lbs/kg					
Poids					

VOLTS	CURRENT COURANT	% RATED VOLTAGE NOMINALE	CONNECTION FOR CONNECTION PER PHASE
4368	19.8	105	1-2
4264	20.3	102.5	2-3
4160	20.8	100	3-4
4056	21.4	97.5	4-5
3952	21.9	95	5-6



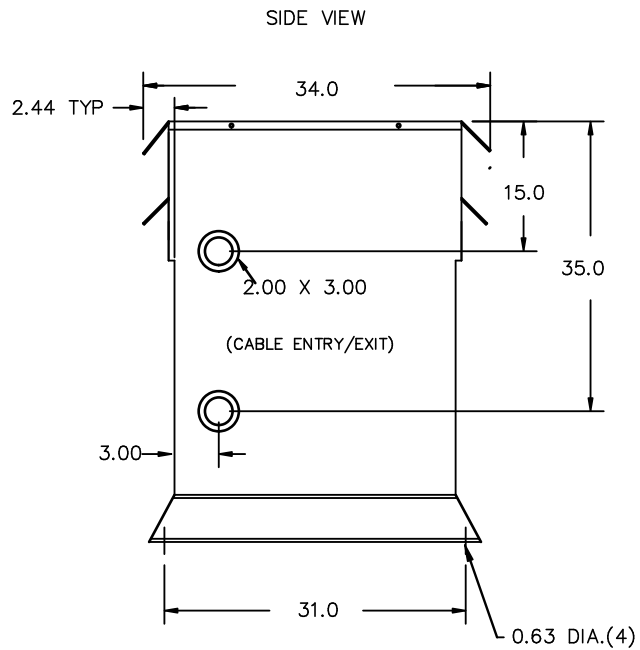
SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=0 Ip=1.5



TITLE: 3PH DISTRIBUTION TRANSFORMER. NAMEPLATE INFORMATION			
4	24/05/13	DC	ADDED LV/HV AMPS(HCN:80893)
3	21/07/16	PP	EDB UPDATE
NO.	DATE	BY	REVISION
			DES: ASETH
			DATE: 15/11/23
			SCALE: NTS

SHEET 1 OF 3

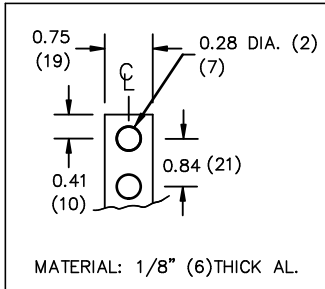
EDB MG3A0150SBSAHCO



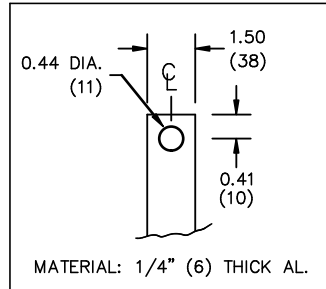
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT



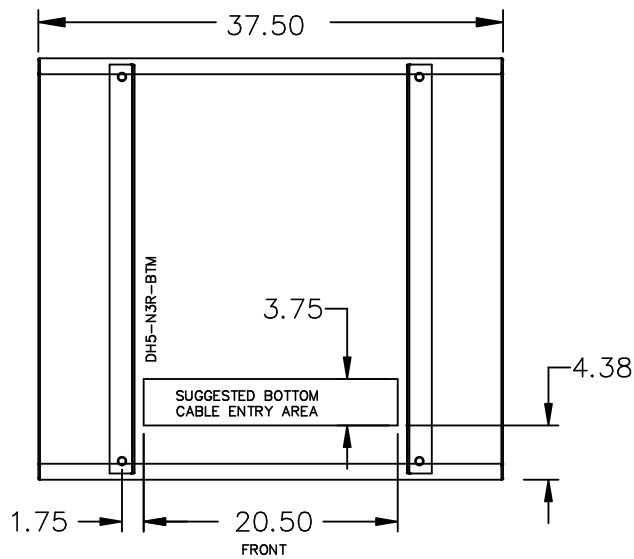
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SHEET 2 OF 3

EDBMC3A0150SBSAHC0

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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SHEET 3 OF 3

EDBMC3A0150SBSAHCO