



SPECIFICATIONS	
NUMBER OF CIRCUITS	1
AC/DC CURRENT	6000A
VOLTAGE	N/A
FREQUENCY	0 TO 250 MHz
MAX CONTINUOUS RPM	250
OPERATING TEMPERATURE	-20°C TO 70°C
HOUSING MATERIAL	304 STAINLESS STEEL
CONTACT RESISTANCE	<1mΩ
DYNAMIC RESISTANCE	<1mΩ (0 TO 100 RPM)
WEIGHT (±15%)	100 LBS
ABSOLUTE MAXIMUMS UNDER 60 SECONDS	
AC CURRENT	10,000A, f = 60Hz
DC CURRENT	10000A
RPM	450
NOTES	
1. THE ABSOLUTE MAXIMUMS SHALL NOT EXCEED A TIME DURATION OF 60 SECONDS.	
2. SPECIFICATIONS ARE NOT GUARANTEED WHILE IN AN ABSOLUTE MAXIMUM CONDITION	
3. THE PRODUCT IS NOT GUARANTEED OUTSIDE OF ITS SPECIFICATIONS	
4. WHILE NOT IN OPERATION, THE UNIT SHOULD BE STORED VERTICALLY, ROTOR END UP, AND ROTATED MONTHLY.	
5. BODY MAY BE MADE TO ROTATE WHILE ROTOR IS HELD STATIONARY IF DESIRED	
6. ROTOR AND BODY ENDS MUST NOT BOTH BE HARD MOUNTED TO ALLOW FOR SMALL NON-CONCENTRIC ROTATION.	
7. ENSURE PROPER STRAIN RELIEF IS PROVIDED AND SIGNIFICANT SIDE LOADING IS AVOIDED.	
8. PRODUCT DIMENSIONS AND SPECIFICATIONS ARE PROVIDED FOR REFERENCE ONLY, ARE NOT GUARANTEED, AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.	

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SCALE: 1:2.5  
 ANG. TOL ±1°  
 DEC. TOL ±.125

MERIDIAN LABORATORY  
 Title: ROTOCON SINGLE CONTACT HIGH CURRENT  
 Drawn By: JCE  
 Date: 9/02/2020  
 Dwg. No.: MC2F-6000

Rev  
**A**  
 SHEET 1 OF 1