



ITEM NO.	DESCRIPTION	QTY.
1	ROTOCON MC-6000 UNIT	1
2	2"-4.5 Hex Nut	2
3	WATER COOLING JACKET	1

SPECIFICATIONS	
NUMBER OF CIRCUITS	1
AC/DC CURRENT	6,000A
VOLTAGE	N/A
FREQUENCY	0 TO 250 MHz <small>(OPTIONAL UP TO 1 GHz WITH CERTAIN MODELS AND APPLICATIONS)</small>
NOMINAL RPM	0 TO 250
TEMPERATURE	-20 TO 70 °C
HOUSING MATERIAL	304 STAINLESS STEEL
CONTACT RESISTANCE	<1 mΩ
DYNAMIC RESISTANCE	<1 mΩ (0 TO 250 RPM)
WEIGHT (± 15%)	84 LBS
ADDITIONAL OPTIONS	SEE PRODUCT PAGE
ABSOLUTE MAXIMUMS UNDER 60 SECONDS	
AC CURRENT	12,000A, f=60 Hz
DC CURRENT	12,000A
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 SLIGHT 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 AND ARE NOT GUARANTEED AND SUBJECT TO CHANGE WITHOUT NOTICE.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	MERIDIAN LABORATORY
DIMENSIONS ARE IN INCHES		DRAWN		
TOLERANCES:		CHECKED		TITLE:
FRACTIONAL ±		ENG APPR.		ROTOCON SINGLE-CONTACT HIGH VOLTAGE
ANGULAR: MACH ± BEND ±		MFG APPR.		SIZE DWG. NO.
TWO PLACE DECIMAL ±		Q.A.		C MC-6000
THREE PLACE DECIMAL ±		COMMENTS:		REV
INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:5 WEIGHT:
MATERIAL MULTI-MATERIAL ASSEMBLY				SHEET 1 OF 1
FINISH				
DO NOT SCALE DRAWING				

INSTALLATION NOTE: DO NOT RIGIDLY MOUNT BOTH ROTOR AND BODY

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