MMC235 - MMC SERIES

MMC235 Slip Rings OD 12.50mm(0.49"), Length 23.5mm, 18wires* 2A(signal)

MMC235 slip rings are small and compact with OD 12.5mm * L 23.5mm, standard, off-theshelf.Color-coded lead wires are used on both the stator and rotor for simplified electrical connections. Using a 90° V-groove ring design for each ring.

MMC2359 is the high-end version corresponding to MMC235, See difference as below:

	Max Speed	Working life	Torque	Housing Material	Electrical noise① @10Rpm
MMC235	250RPM	50million	0.02 N·m	Plastics	10mΩ
MMC2359	800RPM	150million	0.005 N·m	Metal	4mΩ



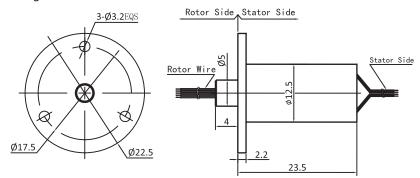
Specifications

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PART#	OD*L	SIGNAL/2A	4A	8A	15A	TOTAL WIRES	DOWNLOAD
MMC235	12.5mm*23.5mm	18	0	0	0	12	
	S	hared Spec	ificati	ons			
Wires	18(see table	as above)	Current		Signal(2A)		
Voltage	Voltage 240 VDC/VA		Max speed		250RPM		
Overall diameter	Overall diameter 12.5mm(0.4		Length		23.5mm		
Contact Material	Contact Material Precious Me		Contact Resistance		<2mOhm(AWG28#,250mm)		
Housing Material Plastics			Torque		0.02N.m		
Working life	50million	50million		ical nois	е	<10mΩ	
Dielectric strength	600VDC@50	600VDC@50Hz		Wire		UL Teflon® Awg30	
Insulation resistance	1000MΩ@50	1000MΩ@500VDC		engths		250mm	
Operating Temp40°C to		°C Protection			IP51		
Mechanical vibration MIL-SII		E	Humidity		10% to 90% RH		
Materials Lead F		HS compliant	t CE Certified		YES		

- 1)The operational life of the unit is dependent upon rotational speed, environment and temperature.
- 2)Lead Wire size: 2A/signal -> AWG30, colored code.
- 3)Electrical noise is dependent upon the rotating speed and current, voltage.

Drawings

Standard drawings:



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Lead wire Color codes								
Rings#	Color Code	Rings#	Color Code	Rings#	Color Code			
1	BLK	3	RED	5	YEL			
2	BRN	4	ORN	6	GRN			
7	BLU	9	GRY	11	PINK			
8	PURPLE	10	WHT	12	AZURY			

