

MW4045 Series Slip Rings

MW4045 series is inserting large current slip ring without mercury. Except conventional advantages, it has advantages of convenient connection and stronger current-carrying capability. It can replace the conventional mercury slip ring. This series slip ring is especially designed for industrial manufacturing industry, which can fully meet national and EU environmental standards, in line with international environment requirements. The conducting ring adopts precious metal with plating processing; the electrical brush adopts precious alloy wire; the connector adopts standard flat connector which is convenient for connection.

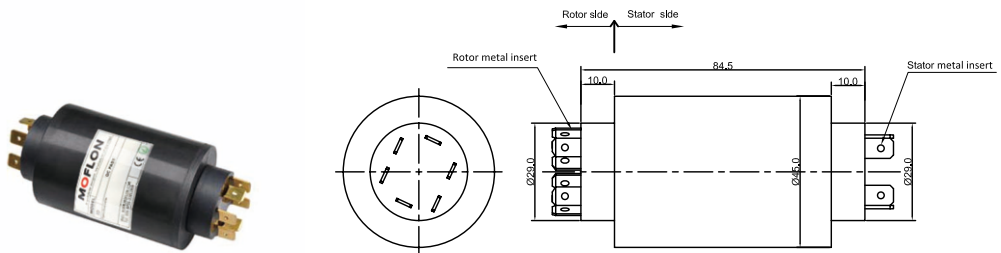
Part# Explanation

MW 4045 - P0230-P0208

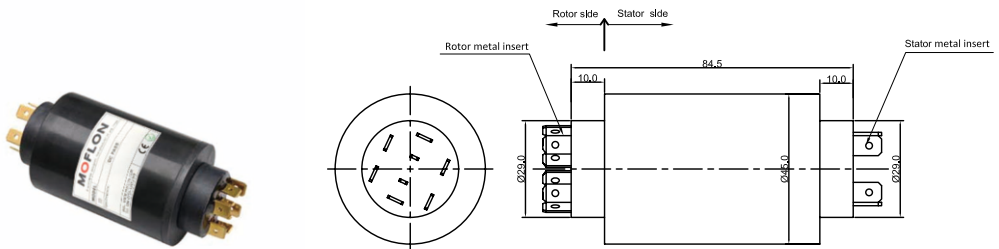
MW:large current series slip ring
4 : exit with pins
045: outer diameter 45mm

P0208 : 2 rings , 8A/ ring
P0230 : 2 rings , 30A/ring

MW4045-P0430-P0208 Dimensions



MW4045-P0630-P0208 Dimensions



Part# List

MW4035 Series (Insertion) slip ring part# list				
Part# list	30A	Signal or 8A	Length (mm)	Remarks
MW4045-P0430-P0208	4	2	84.5	Can replace A6H,M630
MW4045-P0630-P0208	6	2	84.5	Can replace A8H,M830

Note: N channels 30A rings parallel can be used as 1 channel N * 30A current. For example: 2 rings 30A parallel could be used as 1 wires 60A

Specification

Mechanical Data		
Parameter	Value	
Working Life	20 Million revs	
Rotating Speed	250RPM	
Working Temperature	-30°C~80°C	
Operating Humidity	0~85% RH	
Contact Material	Gold-plated	
Housing Material	aluminium alloy	
Torque	0.1N.m ; +0.03N.m/6rings	
Protection Grade	IP51	
Electrical Data		
Parameter	Value	
	Power	Signal
Rated Voltage	0~440VAC / VDC	0~440VAC/VDC
Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Lead Wires	Exit with pins	Exit with pins
Lead Length	Standard 300mm	
Dielectric Strength	500VAC@50Hz , 60s	
Electrical Noise	<0.01Ω	