



Revolution In Motion

MOD-TRONIC
INSTRUMENTS LIMITED



- Long Life
- High Current
- Mercury free construction for RoHS compliance
- Maintenance Free

High Current Slip Rings

MT Series



MT Series Slip Rings

A slip ring is typically used in an eletro-mechanical system where unrestrained, continuous rotation is required, and power and/or data needs to be transferred across the rotating joint.

The MT series slip rings are designed for high current applications that also require a high duty cycle. Use of channeled brush technology increases life by providing multiple points of contact and reducing the contact pressure between the brush and the ring.

These slip rings contain no mercury or other restricted substances, so they are excellent replacements for older technology slip rings that contain mercury.

Common Applications

- Packaging Machinery
- Cable reels
- Theater lights
- Palletizing Machinery
- Medical Equipment
- Rotating Beacons

MT2 MT3 MT4 Models				
Model	Signal Circuits (2 amps.)	Power Circuits (15 amps.)	Length	Body Diameter
MT2-15A	0	2	28	32
MT3-15A	0	3	28	32
MT4-2A-15A	2	2	28	32

MT2 MT3 MT4 Series Dimensions



MT6 MT8 Models				
Model	Signal Circuits (5 amps.)	Power Circuits (20 amps.)	Length	Body Diameter
MT6-20A	0	6	64.5	45
MT8-5A-20A	2	6	64.5	45

MT6 MT8 Series Dimensions

Specifications	
Voltage	240 V _{DC} – 240 V _{AC}
High Pot	500 VAC @ 60 _{Hz.} , 60 _{s.}
Insulation Resistance	1000 MΩ/500 V _{DC}
Dynamic Contact Resistance	≤.01Ω
Operating speed	400 rpm
Temperature Range	-20 to +80°C, -40 to +80°C option available (-T)
Contact Material	Precious Metal
Housing	ABS Plastic

Contact us for CAD drawings or solid models