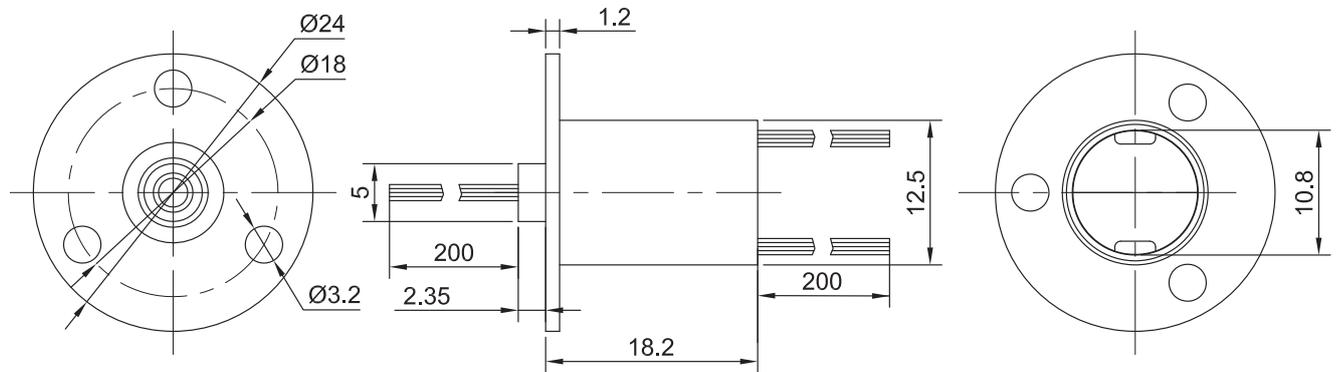
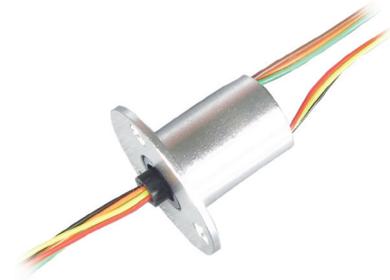


6 Rings at 240V / 2A  
12,5mm housing diameter

- For analog and digital signal transmission
- Gold to Gold contacts
- Metal housing with flange
- Low current noise



all dimensions in mm

### ELECTRICAL CHARACTERISTICS

Number of rings	6
Voltage	240 VAC/DC
Current	2A per ring
Dielectric strength	500 VAC (60 Hz) ring to ring
Insulation resistance	1000 MΩ at 500 VDC
Noise	≥20 mΩ
Protection	IP54

### MECHANICAL CHARACTERISTICS

Mechanical angle of rotation	360° continuous
Rotating speed	250 rpm
Rotational life (rotor movements)	< 60.000.000*
Operating temperature (°C)	-40°C to +85°C

\*application dependent

### MATERIAL

Stator	Alumina
Rotor	Thermoset plastic
Contacts	Gold to Gold
Connecting	AWG28, copper, silver plated wire, Teflon™ covered

### COLOR CODING FOR WIRES

Color	Ring
Black	Ring 1
Brown	Ring 2
Red	Ring 3
Orange	Ring 4
Yellow	Ring 5
Green	Ring 6

### OPTIONS ON REQUEST

Special rings for 5 or 10A
Mechanical adapter
Coax- or databus wiring
Other lengths of the wires
Connector

**Description:** Sliprings are used in electrical - mechanical systems where a uninterrupted current or signal transmission from a static to an rotating object has to be to proceed. The encapsulated sliprings are integrated into a metal housing, this avoids the influence of interferences. Special wipers are sliding on a track, wiper and track are formed to fit perfectly into each other. This construction enlarges the contact surface, reduces current noises and improves the life time performances.

**Application:** Robotics, Rotative sensors, Aviation, Military, Medical equipment, Measurement and testing devices, Rotary indexing table, Video systems.

### ORDERING INFORMATION

MI6X1AL

—  
|  
Type

Detailed information: [www.megauto.de/slipring](http://www.megauto.de/slipring)

length of the wire 500mm

—  
|  
Options

MEGAUTO KG • 01156 Dresden • Am Tummelsgrund 48 • [www.megauto.de](http://www.megauto.de)  
Phone: +49.351.43888811 • Fax: +49.351.43888812 • mail: [info@megauto.de](mailto:info@megauto.de)

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**MegAuto**