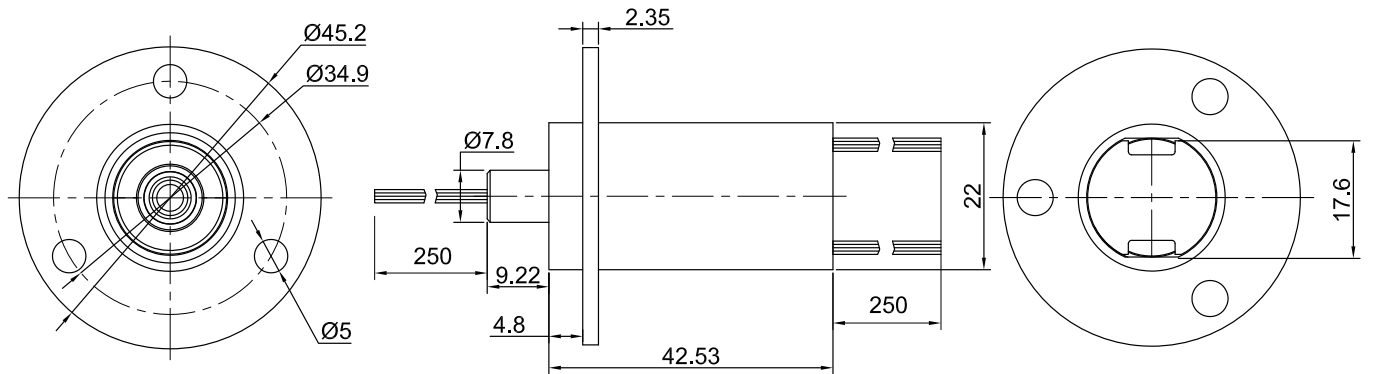


24 Rings at 240V / 2A  
22mm housing diameter

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



all dimensions in mm

### ELECTRICAL CHARACTERISTICS

Number of rings	24
Current	240 VAC/DC
Voltage	2A per ring
Dielectric strength	500 VAC (60 Hz) ring to ring
Insulation resistance	1000 MΩ at 500 VDC
Noise	≥20 mΩ
Protection	IP54

### MATERIAL

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

### MECHANICAL CHARACTERISTICS

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

\*application dependent

### COLOR CODING FOR WIRES

Color	Ring	Color	Ring
Black	Ring 1	Black	Ring 13
Brown	Ring 2	Brown	Ring 14
Red	Ring 3	Red	Ring 15
Orange	Ring 4	Orange	Ring 16
Yellow	Ring 5	Yellow	Ring 17
Green	Ring 6	Green	Ring 18
Blue	Ring 7	Blue	Ring 19
Purple	Ring 8	Purple	Ring 20
Grey	Ring 9	Grey	Ring 21
White	Ring 10	White	Ring 22
Pink	Ring 11	Pink	Ring 23
Light blue	Ring 12	Light blue	Ring 24

**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.

### OPTIONS ON REQUEST

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

### ORDERING INFORMATION

CA24X4AL

Type

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

length of the wire 500mm

Options

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Tel.: +49 351 43888811 • Fax: +49 351 43888812 • mail: [info@megauto.de](mailto:info@megauto.de)

