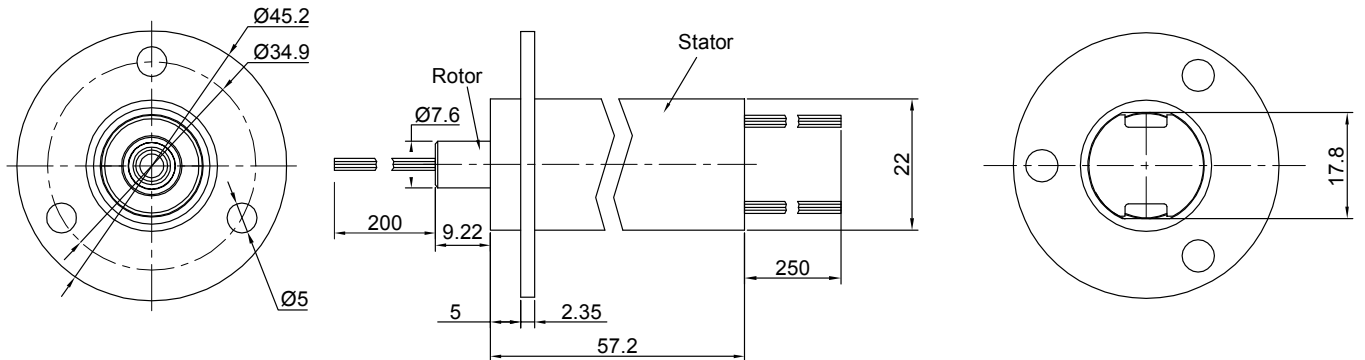


36 Rings at 240V / 2A
22mm housing diameter

- 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	36
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

MATERIAL

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

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	

COLOR CODING FOR WIRES

Color	Ring	Color	Ring
black	Ring 1	blue/white	Ring 19
brown	Ring 2	purple/white	Ring 20
red	Ring 3	grey/white	Ring 21
orange	Ring 4	clear	Ring 22
yellow	Ring 5	red/black	Ring 23
green	Ring 6	brown/black	Ring 24
blue/black	Ring 7	black	Ring 25
purple	Ring 8	brown	Ring 26
grey	Ring 9	red	Ring 27
white	Ring 10	orange	Ring 28
pink	Ring 11	yellow	Ring 29
azury	Ring 12	green	Ring 30
black/white	Ring 13	blue/black	Ring 31
brown/white	Ring 14	purple	Ring 32
red/white	Ring 15	grey	Ring 33
orange/white	Ring 16	white	Ring 34
yellow/white	Ring 17	pink	Ring 35
green/white	Ring 18	azury	Ring 36

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.

OPTIONS ON REQUEST

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

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

ORDERING INFORMATION

CA36X4AL

Type

Detailed information: www.megauto.de/slipring

length of the wire 500mm

Options