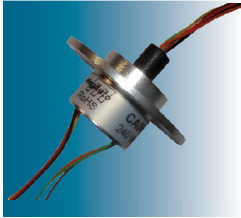


RotaContact® Slip Ring Transmitter - Multichannel Analog and Digital Signal Transmission

Slip rings are used in electrical – mechanical systems where an interruptible current or signal transmission from a static to a rotating object has to be processed. The encapsulated slip rings are integrated into a metal (plastic) housing, which avoids influence of interfaces. Different numbers of signals can be transmitted. The special construction of slip rings enlarges the contact surfaces, reduces current noises and improves life time performances. The operational life is depending on the rotating speed, working temperatures, environmental conditions (shock, vibration etc) The slip rings are available for data bus protocols, Ethernet, USB, CAN etc. Typical applications for our slip rings are rotary sensors, robotic systems, process control equipment, indexing tables, camera systems (video TV signals) etc.

CA6X4AL



Detailed datasheet :
www.megauto.de/en/ca6x4al.pdf

6 rings Encapsulated Slip Ring, Metal Flange (CA6X4AL) 12 rings axial feed through Slip Ring for upto 7mm shaft (CA12X4HAL)

- Metal housing with flanges.
 - Power rings with 1A, 2A, 5A & 10A.
 - available in different numbers of rings
 - Low current noise
 - Axial feed through facility CA12X4HAL
 - Rotational speed : 250 rpm
- Applications :
Rotary indexing table, CCTV pan, tilt video cameras, aviation, instrument & medical equipment, rotary sensors,robotics.

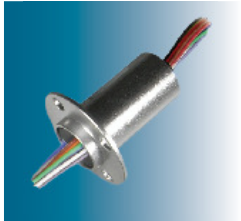
Type	CA6X4AL	CA12X4HAL
Housing diameter	22 mm	25 mm
Voltage	240V AC/DC	240V AC/DC
Noise	< 20 mΩ	
Operating temp.	-40 to 85°C	
Rot. Life (Rotations)	~ 60 million	
Number of rings	6	12

CA12X4HAL



Detailed datasheet :
www.megauto.de/en/ca12x4hal.pdf

MI12X4AL



Detailed datasheet :
www.megauto.de/en/mi12x4al.pdf

12 Rings Miniature Slip Rings (MI) 4 Rings Micro Slip Rings (MC) , Metal Flange

- Voltage : 240V AC/DC
- Also available in x rings (MI series)
- Gold to gold contacts

Applications :
Rotary indexing table, CCTV pan, tilt video cameras, aviation, instrument & medical equipment, rotary sensors,robotics.

Type	MI12X4AL	MC4X6SS
Rotational Speed	250 rpm	300 rpm
Current/ring	2 A	1A
Housing diameter	15.5	10
Noise	< 20 mΩ	< 5 mΩ
Operating temp.	-40 to +85°C	-25 to 65°C
Rot. Life (Rotations)	~ 60 million	~ 45 million
Number of rings	12	4
Mounting	Flange	Threaded

MC4X6SS



Detailed datasheet :
www.megauto.de/en/mc4x6ss.pdf

CA12XCAL



Detailed datasheet :
www.megauto.de/en/ca12xcal.pdf

12 Rings High Frequency Co-axial Slip Ring, 1 Ring High Frequency Co-axial Slip Ring, Metal Flange,

- Power rings with 1A, 2A, 5A & 10A
- Transfer of signal over coax cable
- Gold to gold contacts
- Precision ball bearings

Applications :
Rotary indexing table, CCTV pan, tilt video cameras, aviation, instrument & medical equipment, rotary sensors,robotics.

Type	CA12XCAL	MI01X1CAL
Rotational Speed	50 rpm	
Housing diameter	25 mm	
Voltage	240V AC/DC	380 V AC/DC
Frequency range	3 GHz	
Operating temp.	-20 to 55°C	-20 to 60°C
Rot. Life (Rotations)	~ 45 million	~ 50 million

MI01X1CAL



Detailed datasheet :
www.megauto.de/en/mi01x1cal.pdf