

# SRC032 SERIES

+ Compact capsule



## SRC032 Standard

Slip Rings can be used in any system requiring the transmission of electrical and/or power signals to an intermittently or continuously rotating shaft. Thanks to the small ring diameter, the SRC Series, grants low peripheral speed between brushes and rings, as well as reduced dynamic imbalance what means very low wear. Moreover, the use of noble metals (gold to gold alloy) assures long lasting using life, reduced electric noise and interferences among circuits, low contact electric resistance.

The above features make the SRC Series specially suited to transmission of critical signals, such as hi frequency signals (video, field buses, etc.), very low currents and voltages (strain gages, thermocouples, measuring equipment etc.), even if versions with up to 6A and 10A circuits are available.

Conceived to deliver a flexible, cost-effective, reliable and hi-quality solution, These units are available in many standard configurations and with 6 to 56 circuits. Their compact size allows installation into small systems thus requiring high performances.

We can offer a wide variety of special designs other then shown. Customer has the possibilities to customize a slip ring to comply with their specific needs. We can also offer hybrid units which means we can offer combination of slip ring and fiber optic rotary joint integrated into one housing in a small package. Other options we can offer are inclusion of coax and miniature data bus cables, xustom harnessing and ermination of lead wires into chosen crimps and connectors.

**PRODUCT FEATURES**

- Compact size.
- Quick delivery.
- Low cost.
- Ideal for video and digital signals.
- Gold alloy rings and brushes.
- High reliability and duration.
- Low friction torque.
- Smooth rotation.
- In compliance with CE and ROHS standards.

**APPLICATIONS**

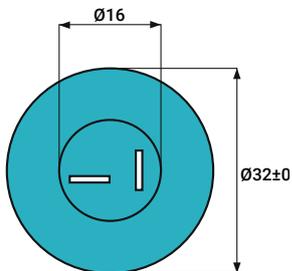
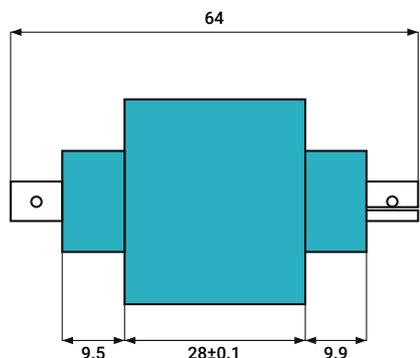
- Video Systems.
- Robotics.
- Hose & cable reels.
- Medical / Pharmaceutical.
- Wind turbines.
- Packaging.

**TECHNICAL SPECIFICATIONS**

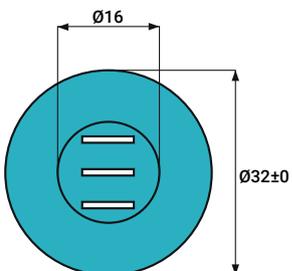
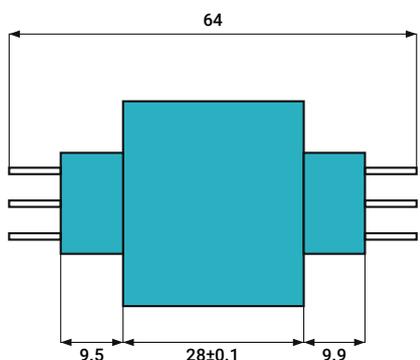
<b>Number of curcuits</b>	2, 3, 4
<b>Voltage</b>	240 VDC / 240 VAC max
<b>Cables/Current rating</b>	Silver plated - PTFE insulation and colour coded 2 A: AWG26 or AWG28 6 A: AWG20; 10 A: AWG16
<b>Cable length</b>	250 mm. standard (other lengths on demand)
<b>Dielectric strength</b>	500 VAC at 60 Hz
<b>Insulation resistance</b>	> 1000 MΩ / 500 Vcc
<b>Noise</b>	< 100 mΩ at 6 Vcc and 50 mA (at 5 rpm)
<b>Nominal speed</b>	250 rpm (for higher speed up to 600 rpm please contact us)
<b>Temperature</b>	-20°C to +80°C (option: -40 to +80°C on AL housing)
<b>Rating life</b>	10 <sup>8</sup> revolutions (depending on speed and on environmental conditions)
<b>Contact</b>	Gold on Gold
<b>Protection</b>	IP51 or high or request

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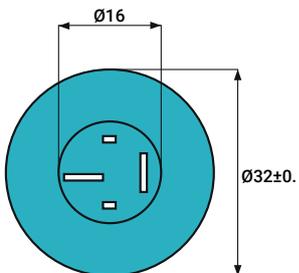
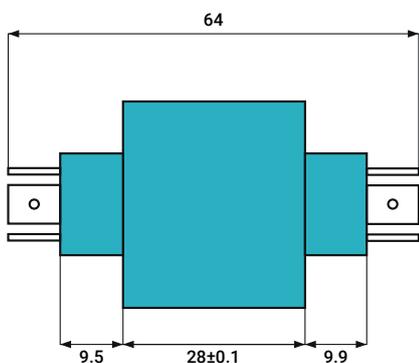
+ Models



MODEL SRC032-2  
OUTLINE DIMENSIONS



MODEL SRC032-3  
OUTLINE DIMENSIONS



MODEL SRC032-4  
OUTLINE DIMENSIONS

Model	No. of Circuits		Length	Terminals		
	Total	No. of Circuits		Power	Singals	
		2A				14A
SRC032-2	2	-	2	28 mm	0.8 x 6.3 mm	-
SRC032-3	3	-	3	28 mm	0.8 x 6.3 mm	-
SRC032-4	4	2	2	28 mm	0.8 x 6.3 mm	0.8 x 2.8 mm