

SRC045 SERIES

+ Compact capsule



SRC025 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. The use of noble metals (gold to gold alloy) assures long lifetime with low resistance, low electrical noise and low interference between circuits.

Conceived to deliver a flexible, cost-effective, reliable and high quality solution, these units are available in many standard configurations with six to eight circuits. The compact size allows installation into small systems with high performance requirements.

We can offer a wide variety of special designs other than 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, custom harnessing and termination 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

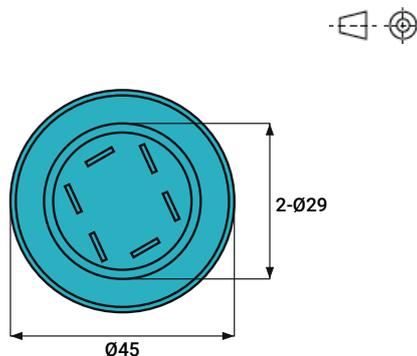
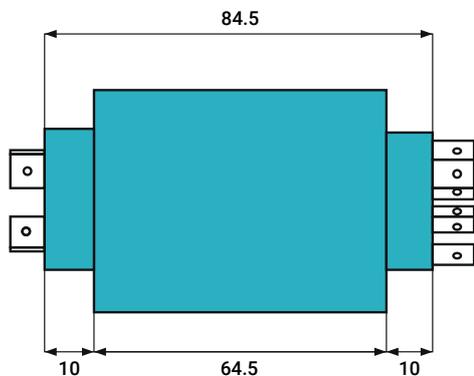
- Cabel Reels
- Medical Equipment
- Packaging Machines

TECHNICAL SPECIFICATIONS

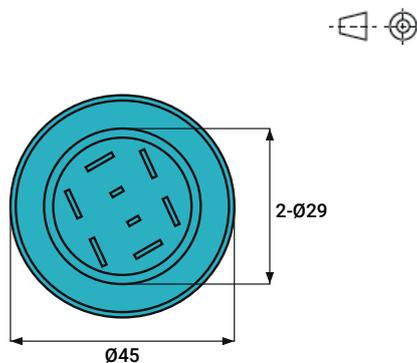
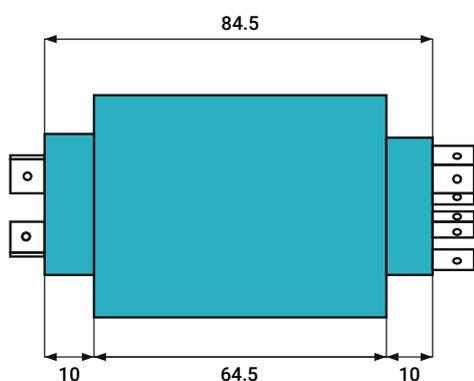
Number of curcuits	6, 8
Voltage	240 VDC / 240 VAC max
Cables/Current rating	Silver plated - PTFE insulation and colour coded 2 A: AWG26 or AWG28 6 A: AWG20; 10 A: AWG16
Cable length	250 mm. standard (other lengths on demand)
Dielectric strength	500 VAC at 60 Hz
Insulation resistance	> 1000 MΩ / 500 Vcc
Noise	< 100 mΩ at 6 Vcc and 50 mA (at 5 rpm)
Nominal speed	400 rpm (for higher speed up to 600 rpm please contact us)
Temperature	-20°C to +80°C (option: -40 to +80°C on AL housing)
Rating life	10 ⁸ revolutions (depending on speed and on environmental conditions)
Contact	Gold on Gold
Protection	IP51 or high or request

SRC045 SERIES

+ Models



MODEL SRC045-6
OUTLINE DIMENSIONS



MODEL SRC045-8
OUTLINE DIMENSIONS

Model	No. of Circuits		Length	Terminals	
	Total	No. of Circuits 7A 20A		Power	Singals
SRC045-6	2	- 2	64.5 mm	0.8 x 6.3 mm	-
SRC045-8	3	- 3	64.5 mm	0.8 x 6.3 mm 0.8 x 2.8 mm	-