

SRC045 Series

Slip Ring



- ◆ Make use of advanced sheaf brush technology to design and manufacture
- ◆ Suffice 360° unrestrained continuous rotation to transmitting power and/or data
- ◆ Product modularize
- ◆ Long life and maintenance-free operation



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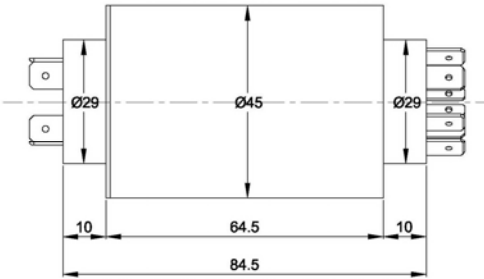
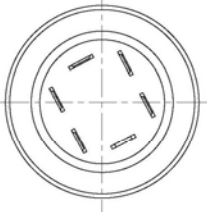

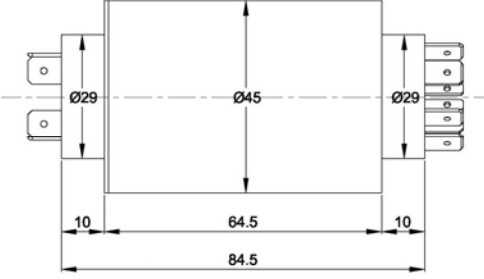
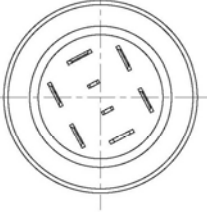
Description

A slip ring can be used in any electro-mechanical system that requires unrestrained, continuous rotation while transmitting power and/or data from a stationary to a rotating structure. A slip ring is also called a rotary electrical interface, collector, swivel, or a rotary joint. A slip ring can improve system performance by simplifying operations and eliminating damage-prone wires dangling from movable joints.

The SRC045 Series slip rings are compact, cost effective, mercury free slip rings designed for industrial manufacturing. The brush adopt noble metal alloy material, It adopt multilayer noble metal alloy for plating dispose. Standard spade terminals.

Applications

- ◆ Rotary index tables, machining centers etc Industrial machinery
- ◆ Cable reelst,est equipment and machining centers
- ◆ Heavy equipment turrets
- ◆ Packaging machines, magnetic clutches, palletizing machines
- ◆ Process control equipment
- ◆ Rotary sensors, robotics,emergency lighting
- ◆ Display/ Medical equipment, Exhibit equipment

SRC045-6	Outline dimension	
		
SRC045-8	Outline dimension	
		



Specification List

Model	#Rings	Continous Curent(amps)		Size DIA "xLG"	Terminals power
		7	20		
SRC045-6	6	—	6	Φ45x64.5	0.8x6.3
SRC045-8	8	2	6	Φ45x64.5	0.8x6.3 0.8x2.8

Electrical data

Voltage	240VDC – 240VAC
High pot	500VAC@60Hz, 60s
Insulation Resistance	1000MΩ/500VDC
Dynamic contact Resistance	<0.01 Ω

Mechanical data

Operate Speed	400rpm
Temperature range	-20℃to+80℃
Contact material surface	precious metal
Housing	ABS