



Orbex Group
Revolution In Motion



- Long Life
- High Current
- Mercury free construction for RoHS compliance
- Maintenance Free

High Current Slip Rings

600 Series

Orbex Group

46740 Lakeview Blvd.
Fremont, CA 94538
(408) 945-8980

www.slipring.com

600 Series

A slip ring is typically used in an eletro-mechanical system where unrestrained, continuous rotation is required, and power and/or data needs to be transferred across the rotating joint.

The 600 series slip rings are designed for high current applications that also require a high duty cycle. Use of channeled brush technology increases life by providing multiple points of contact and reducing the contact pressure between the brush and the ring.

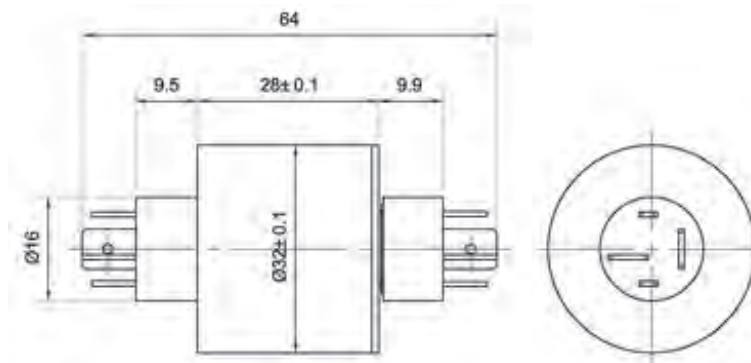
These slip rings contain no mercury or other restricted substances, so they are excellent replacements for older technology slip rings that contain mercury.

Common Applications

- Packaging Machinery • Cable reels • Theater lights
- Palletizing Machinery • Medical Equipment • Rotating Beacons

Model 632

Model	Signal Circuits (2 amps.)	Power Circuits (15 amps.)	Length	Body Diameter
632-0002	0	2	28	32
632-0003	0	3	28	32
632-0202	2	2	28	32



632 Series Dimensions

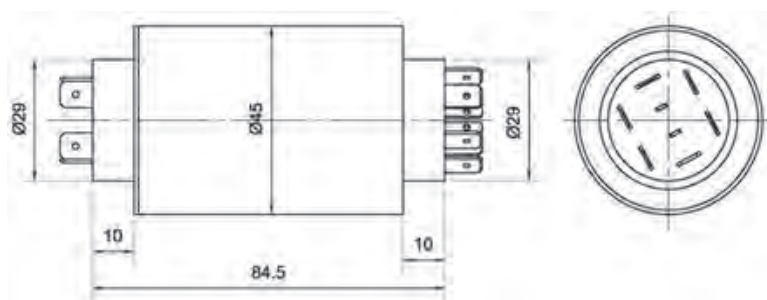
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Model 645

Model	Signal Circuits (7 amps.)	Power Circuits (20 amps.)	Length	Body Diameter
645-0006	0	6	64.5	45
645-0206	2	6	64.5	45



645 Series Dimensions

632 and 645 Performance Specifications

Voltage	240 V _{DC} – 240 V _{AC}
High Pot	500 VAC @ 60 _{Hz.} , 60 _{s.}
Insulation Resistance	1000 MΩ/500 V _{DC}
Dynamic Contact Resistance	≤.01Ω
Operating speed	400 rpm
Temperature Range	-20 to +80°C
Contact Material	Precious Metal
Housing	ABS Plastic

Stocked units in blue.

Contact us for CAD drawings or solid models

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