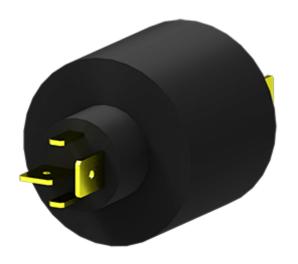
Slip Ring | 5 circuits | SVTS B 01-U-A-02/03



Slip ring specially suited to transmit electrical power and signals, fastons connectors for easy maintenance and a best thermocouple reading.



SVTS B 01-U-A-02/03

Circuits 2 x 5A, 3 x 20A

SVTS B 01-U-A-02/03

Outside Diameter 32.00 mm mm Overall Length (L) 44.50 mm mm

Protection rating IP 65

Data Transfert <=100Mbit/s **Mounting** Flange / Capsule



Mechanical features

Nominal speed 250-400 rpm

Temperature

range

-20°C to +80°C (-40°C as option)

Contact gold-gold (alloy)

Bearings Miniature high-precision stainless steel ball

bearings

Connector -

Mounting ABS



Electrical features

Voltage 240 VDC/VAC

Cables Silver plated / PTFE insulated / colour coded

 Cables length
 250 mm standard (other length on request)

Dielectric voltage

strength

500VAC @ 60Hz @ 60 sec

Insulation resistance

>500MOhm/500VDC

Dynamic contact resistance

10mOhm @ 6VDC and 500mA (@ 5rpm)

Expected lifetime

10⁷ revolutions (depending on speed, environmetal conditions and size)

Notice: The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.



Advantages



Benefits

- Suitable for power and signals transmission
- IP65 version
- Faston type connectors
- Low resistive torque
- Long lifspan and reliable
- CE et ROHS compliance

- Electrical power & signals in one unit
- Easy Connection (Faston connectors) for mitigated replacement time
- Cost-effective

Customisations

- Cables
- Materials

- Mechanical design
- Flange



expertise in connectivity