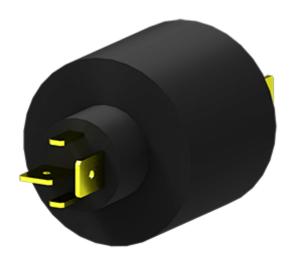
## Slip Ring | 3 circuits | SVTS B 01-U-A-03/00



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-03/00

Circuits 3 x 20A

#### SVTS B 01-U-A-03/00

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** 

10<sup>7</sup> 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