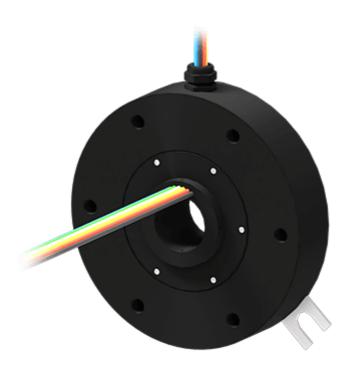
Slip Ring | 20 circuits | SVTS F 01-S-A-03/17



This Slip ring is designed for signal and power transmission where height is limited.



SVTS F 01-S-A-03/17

Circuits 17 x 5A, 3 x 10A

SVTS F 01-S-A-03/17

Outside Diameter 180.00 mm mm Inside Diameter 40.00 mm mm Overall Length (L) 40.00 mm mm

Protection rating IP 51

Data Transfert <=100Mbit/s

Mounting Thru-bore 40mm



Mechanical features

Nominal speed 0-250 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 Al



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

- Through hole 25-38-50 or 60 mm
- Power circuits
- Low friction torque
- High lifetime and reliability
- Compliant to CE and ROHS
- Flat design allowing to keep small machinery dimensions
- Low maintenance
- Good quality/price ratio

Customisations

Cables

- Materials
- Mechanical design
- Flange



expertise in connectivity