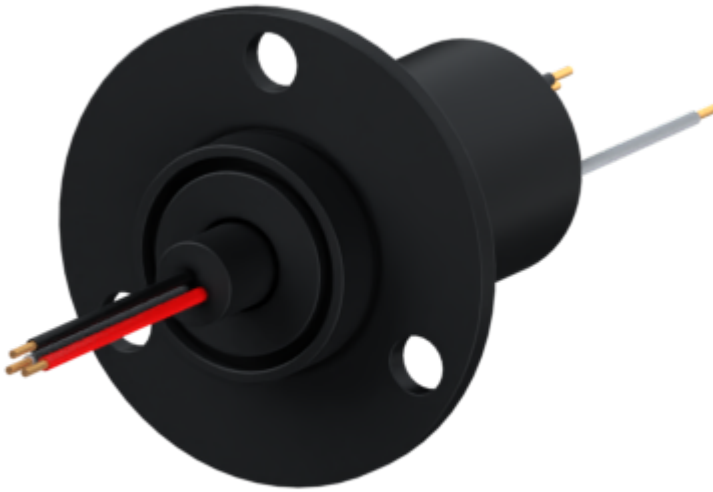


variables/V-color

## **Slip Ring | 3 circuits | SVTS A 05-S-X-03/00-003**



Slip ring specially suited to transmit up to 20A (120 VAC), small size.



**Feature**

**SVTS A 05-S-X-03/00-003**

<b>Circuits</b>	3 x 10A
<b>Outside Diameter</b>	22.00 mm mm
<b>Overall Length (L)</b>	35.00 mm mm
<b>Protection rating</b>	IP 51
<b>Data Transfert</b>	<=100Mbit/s
<b>Mounting</b>	Flange / Capsule



### Mechanical features

<b>Nominal speed</b>	0-250 rpm
<b>Temperature range</b>	-20°C to +80°C (-40°C as option)
<b>Contact</b>	gold-gold (alloy)
<b>Bearings</b>	Miniature high-precision stainless steel ball bearings
<b>Connector</b>	-
<b>Mounting</b>	ABS



### Electrical features

<b>Voltage</b>	240 VDC/VAC
<b>Cables</b>	Silver plated / PTFE insulated / colour coded
<b>Cables length</b>	250 mm standard (other length on request)
<b>Dielectric voltage strength</b>	500VAC @ 60Hz @ 60 sec

**Insulation resistance**

>500MΩ/500VDC

**Dynamic contact resistance**

10mΩ @ 6VDC and 500mA (@ 5rpm)

**Expected lifetime**

$10^7$  revolutions (depending on speed, environmental 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**

- Gold alloy rings and brushes
- Low friction torque
- High lifetime and reliability
- Compliant to CE and ROHS
- Lasting solution for rotating point connectivity in over power line
- Cost-effective

**Customisations**

- Cables
- Materials
- Mechanical design
- Flange



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**expertise in connectivity**