

variables/V-color

## **Slip Ring | 3 circuits | SVTS E 03-R-A-03/00-XXX-001**



Low cost  
slip ring for  
transmission  
of electrical  
power.



**Feature**

**SVTS E 03-R-A-03/00-XXX-001**

<b>Circuits</b>	3 x 20A
<b>Outside Diameter</b>	115.00 mm mm
<b>Inside Diameter</b>	50.00 mm mm
<b>Overall Length (L)</b>	70.00 mm mm
<b>Protection rating</b>	IP 00
<b>Data Transfert</b>	<=100Mbit/s
<b>Mounting</b>	Thru-bore 50mm



### 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
<b>Insulation resistance</b>	>500MOhm/500VDC
<b>Dynamic contact resistance</b>	10mOhm @ 6VDC and 500mA (@ 5rpm)
<b>Expected lifetime</b>	10 <sup>7</sup> 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**

- Through hole 25-38-50 or 60 mm
- Power circuits
- Low friction torque
- High lifetime and reliability
- Compliant to CE and ROHS
- Cost-effective
- Easy integration

## **Customisations**

- Cables
- Materials
- Mechanical design
- Flange



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**expertise in connectivity**