

variables/V-color

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



## Feature

### SVTS A 05-U-X-03/00-003

Circuits	3 x 10A
Outside Diameter	22.00 mm mm
Overall Length (L)	42.00 mm mm
Protection rating	IP 65
Data Transfert	<=100Mbit/s
Mounting	Flange / Capsule



## 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

<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>	$10^7$ 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**

## Customisations

- Cables

- Materials
- Mechanical design
- Flange



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**expertise in connectivity**