

variables/V-color

Slip Ring | 3 circuits | SVTS A 05-U-X-03/00-004



Feature

SVTS A 05-U-X-03/00-004

Circuits	3 x 20A
Outside Diameter	22.00 mm mm
Overall Length (L)	50.00 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

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 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



expertise in connectivity