



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

Feature

SVTS F 01-S-A-03/17	
Circuits	17 x 5A, 3 x 10A
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	>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

Through hole 25-38-50 or 60 mm

Power circuits

Low friction torque

High lifetime and reliability

Compliant to CE and ROHS

Benefits

Flat design allowing to keep small machinery dimensions

Low maintenance

Good quality/price ratio

Customisations

- Cables
- Materials



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