



Slip ring specially suited to transmit electrical power and signals, fastens connectors for easy maintenance and a best thermocouple reading.

Feature

SVTS B 01-U-A-02/03	
Circuits	2 x 5A, 3 x 20A
Outside Diameter	32.00 mm mm
Overall Length (L)	44.50 mm mm
Protection rating	IP 65
Data Transfert	<=100Mbit/s
Mounting	Flange / Capsule

Mechanical features

Nominal speed	250-400 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	ABS

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

Suitable for power and signals transmission

IP65 version

Faston type connectors

Low resistive torque

Long lifespan and reliable

CE et ROHS compliance

Benefits

Electrical power & signals in one unit

Easy Connection (Faston connectors) for mitigated replacement time

Cost-effective

Customisations



Zoning de la Rivière, 65
7330 Saint-Ghislain (Belgium)

T : +32 (0)65 76 40 40
E : service@pes-sa.com