variables/V-color

## Slip Ring | 42 circuits | SVTS D 02-U-A-42/00



Slip ring for transmission of electrical power and/or electrical signals for demanding conditions.



SVTS D 02-U-A-42/00

Circuits

42 x 15A

#### SVTS D 02-U-A-42/00

Outside Diameter87.00 mm mmOverall Length (L)201.00 mm mmProtection ratingIP 65Data Transfert<=100Mbit/s</th>MountingFlange / Capsule



### **Mechanical features**

Nominal speed	250-400 rpm
Temperature range	$-20^{\circ}$ C to $+80^{\circ}$ C ( $-40^{\circ}$ C as option)
Contact	gold-gold (alloy)
Bearings	Miniature high-precision stainless steel ball bearings
Connector	-
Mounting	Al

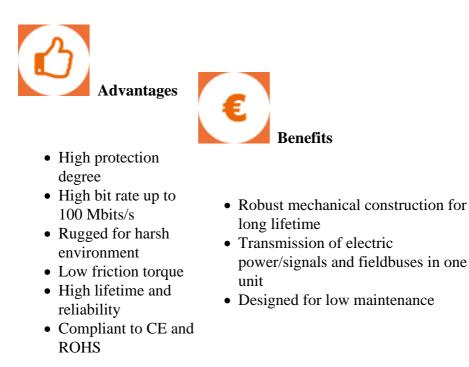


#### **Electrical features**

Voltage Cables Cables length Dielectric voltage strength 240 VDC/VAC Silver plated / PTFE insulated / colour coded 250 mm standard (other length on request) 500VAC @ 60Hz @ 60 sec

Insulation resistance	>500MOhm/500VDC
Dynamic contact resistance	10mOhm @ 6VDC and 500mA (@ 5rpm)
Expected lifetime	10 <sup>7</sup> revolutions (depending on speed, environmetal 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.



#### Customisations

- Cables
- Materials
- Mechanical design
- Flange

product engineering services

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