

SVTS B Series

Faston



TDS Precision Products GmbH
Industriestrasse 1a
CH-8157 Dielsdorf

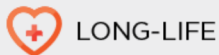
T + 41 44 885 30 80
info@tds-pp.com
www.tds-pp.com

Contents

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SVTS B Series

Faston Slip Rings



LONG-LIFE



IP 65



POWER & SIGNALS

The most compact solution with fibre brush technology.

Thanks to the multiple contact points, the faston B Series Slip Rings ensures longer life due to the low contact wear rates, while guaranteeing low contact resistance.

Specially designed for intensive use at high speed and for transmitting power and sensitive signals, like the thermocouple ones, these rotary joints are particularly suitable for use on flowpack packaging machines ensuring a compact and reliable solution; the use of faston type connectors avoids the use of welds that may affect the reading of thermocouple signals.

Moreover, the IP65 version makes it washable, guaranteeing protection against low pressure jets if watered from all directions.

Benefits

Electrical power & signals in one unit

Compact

Long lifetime

Easy connection (Faston connectors)

Cost-effective

Water resistant (IP65)*

*Optional

Product code (detailed coding system on page 9)

1 2 3 4 5 6 7 8 9 10
 SVTS **B** BB - C - D - EE / FF - GGGG / HHHH - II - XXX

1 Series 3 Protection¹ 5 Power circuits 7 Cable length - brushes side 9 Temperature range²
2 Model 4 Flange types 6 Signal circuits 8 Cable length - rings side 10 Special options

¹ IP51 [S]; IP65 [U]² Standard [ST]

Main applications

Flowpack machines	Converting
Hose & cable reels	Wind turbines
Medical / pharmaceutical	
Packaging	
Process control	
Rotating tables	

Features

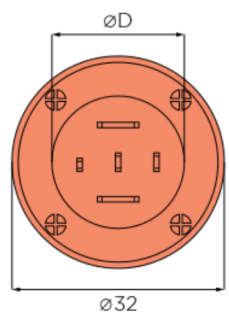
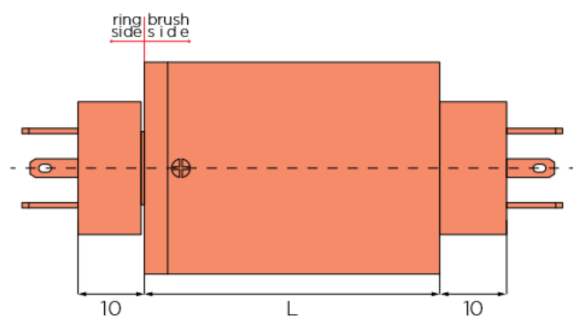
Current	SRC032: 400 V _{AC} / 400 V _{DC} power circuits SRC 045: 400 V _{AC} / 400 V _{DC}
Dielectric voltage strenth	500 V _{AC} @ 60 Hz @ 60 sec
Insulation resistance	> 1000 MΩ / 500 V _{DC}
Dynamic contact resistance	< 10 mΩ
Nominal speed	400 rpm (higher speeds, up to 600 rpm, upon request)
Bearings	High-precision stainless steel ball bearings
Housing	ABS (hard plastic)
Contact	Gold-gold (alloy)
Temperature	-20°C to +80°C
Protection	IP51; IP65*
Expected lifetime	10 ⁸ revolutions (depending on speed, environmental conditions and size)

*Optional

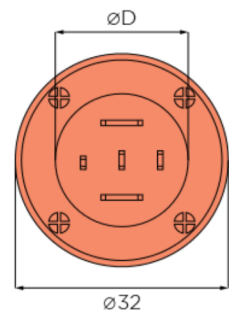
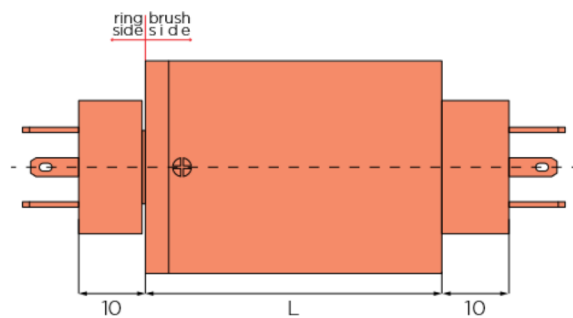
SVTS B 01

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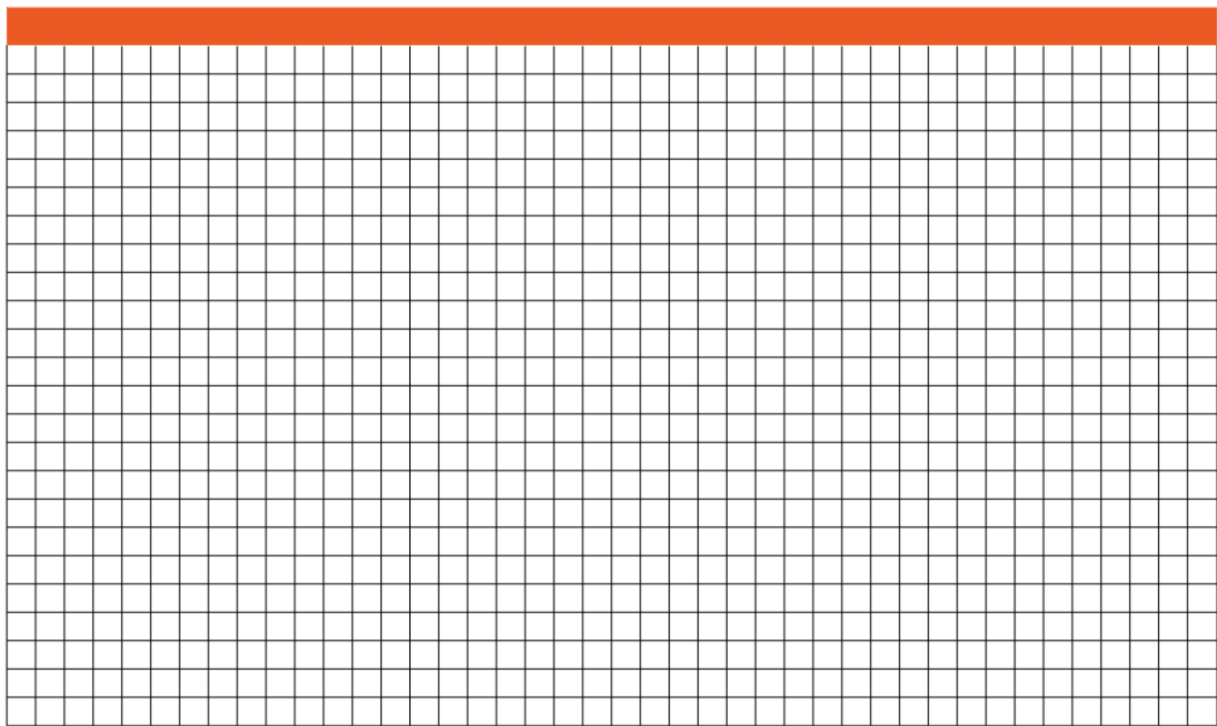
Transmission of		
Electric	Fieldbus	Fluidic (combined solutions)
Signals		
Power		
Customisations		
Cables	Mechanical design	Materials



SVTS B 01



SVTS B 01 - IP65



All dimensions in millimeters, unless otherwise specified

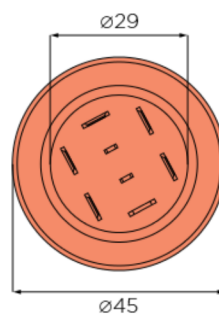
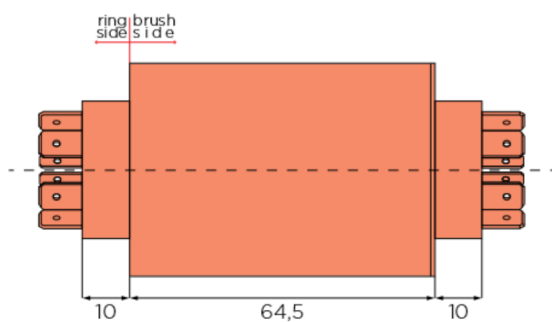
SVTS B 02

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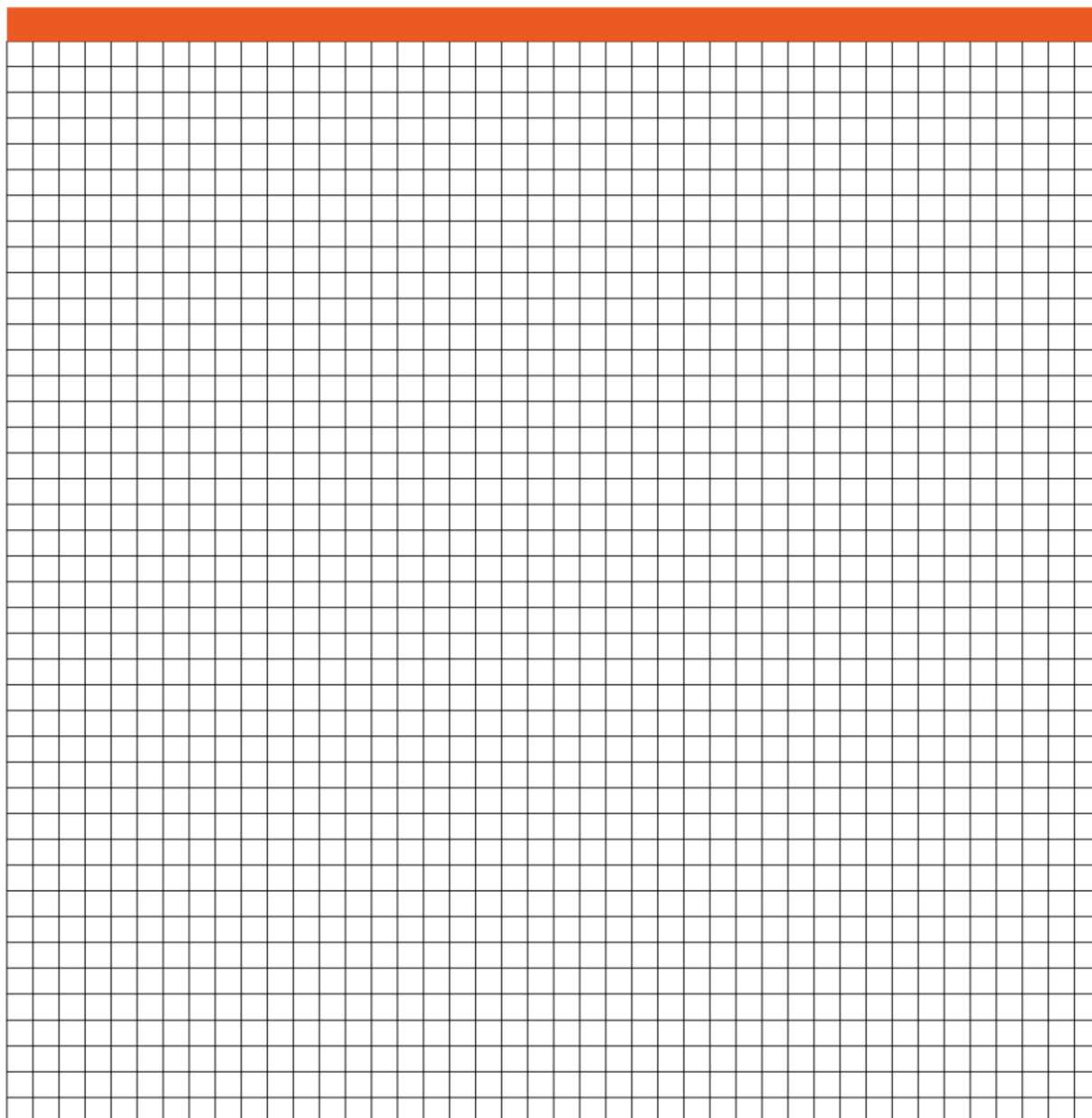
Transmission of		
Electric	Fieldbus	Fluidic (combined solutions)
Signals		
Power		

Customisations		
Cables	Mechanical design	Materials

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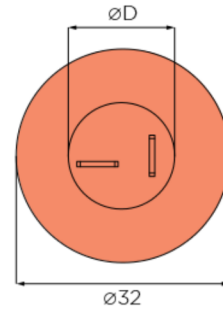
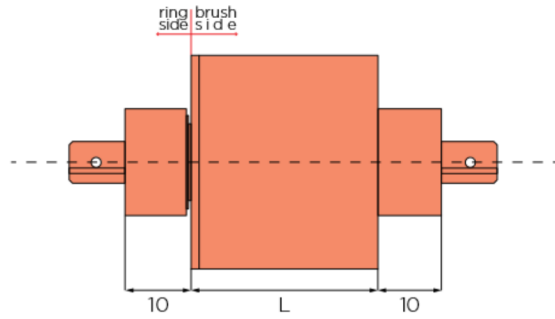
SVTS B 02



All dimensions in millimeters, unless otherwise specified



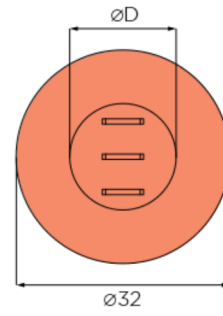
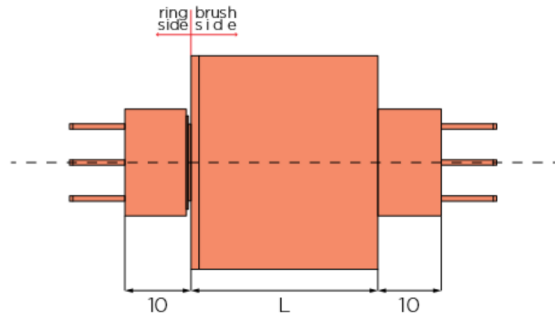
SVTS B 01



2 PINS



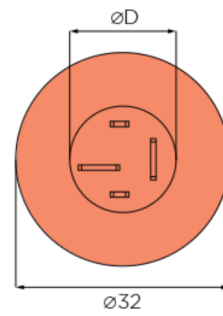
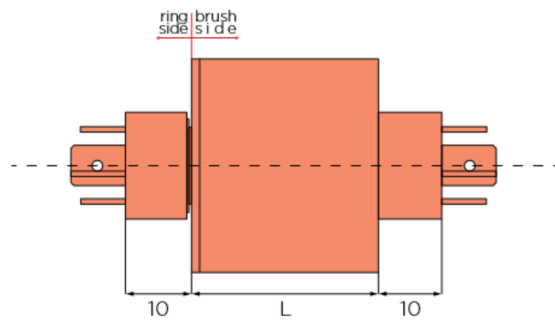
SVTS B 01



3 PINS



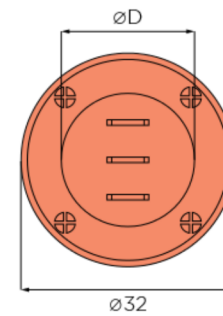
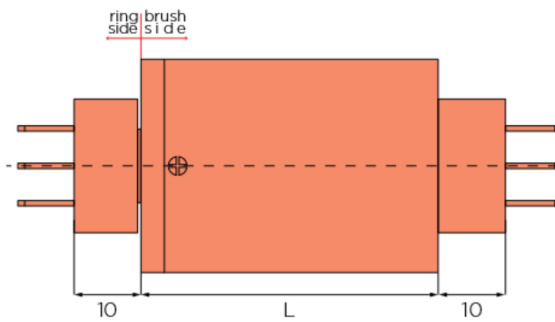
SVTS B 01 - IP65



3 PINS



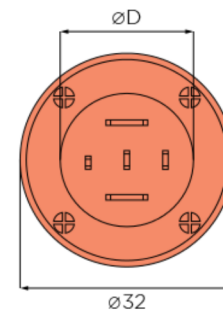
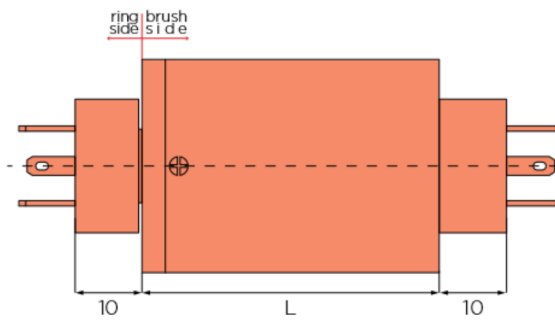
SVTS B 01



4 PINS

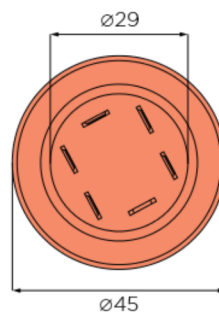
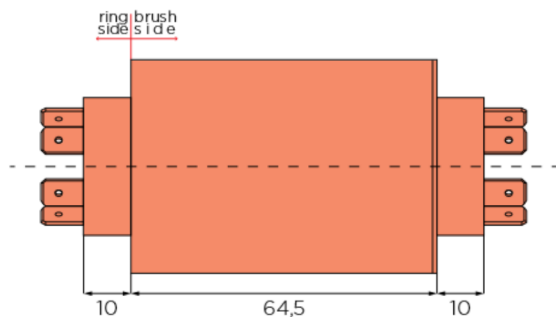


SVTS B 01 - IP65



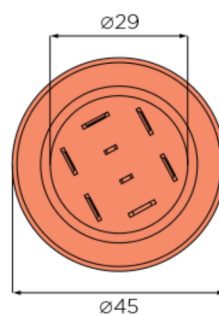
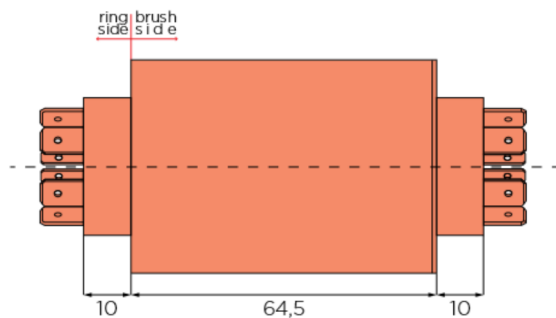
5 PINS

SVTS B 02



6 PINS

SVTS B 02



8 PINS

B SERIES



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