

# 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 Protection<sup>1</sup> 5 Power circuits 7 Cable length - brushes side 9 Temperature range<sup>2</sup>

2 Model 4 Flange types 6 Signal circuits 8 Cable length - rings side 10 Special options

<sup>1</sup> IP51 [S]; IP65 [U]

<sup>2</sup> Standard [ST]

## Main applications

Flowpack machines

Converting

Hose & cable reels

Wind turbines

Medical / pharmaceutical

Packaging

Process control

Rotating tables

## Features

Current SRC032: 400 VAC / 400 VDC power circuits  
SRC 045: 400 VAC / 400 VDC

Dielectric voltage strength 500 VAC @ 60 Hz @ 60 sec

Insulation resistance > 1000 MΩ / 500 VDC

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<sup>8</sup> revolutions  
(depending on speed, environmental conditions and size)

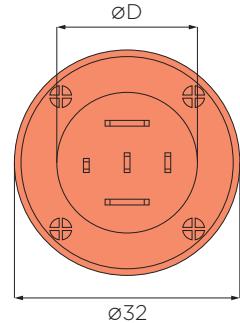
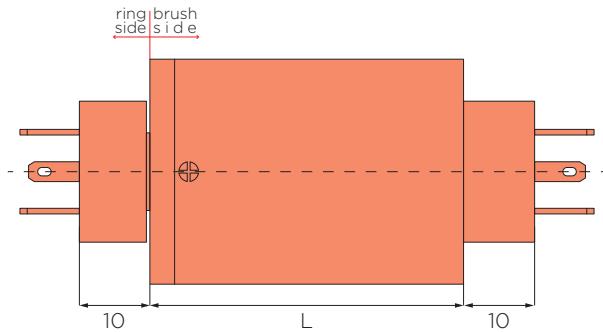
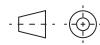
\*Optional

## SVTS B 01

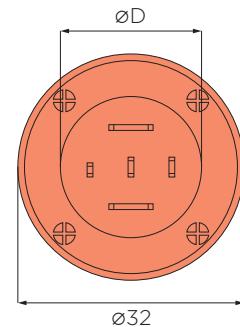
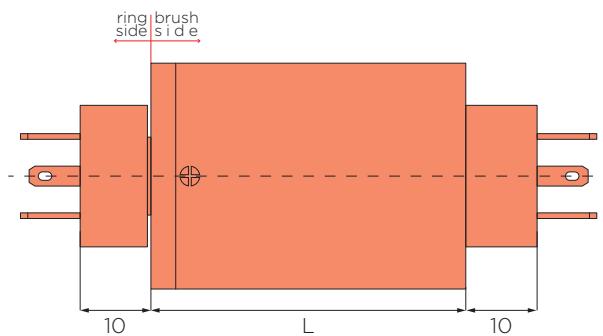
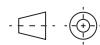
Transmission of		
Electric Signals	Fieldbus	Fluidic (combined solutions)
Power		

Customisations	Mechanical design	Materials
Cables		

All dimensions in millimeters, unless otherwise specified



SVTS B 01



SVTS B 01 - IP65



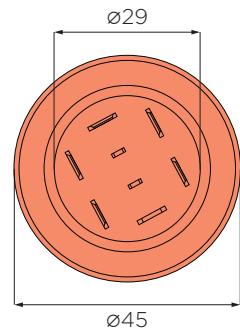
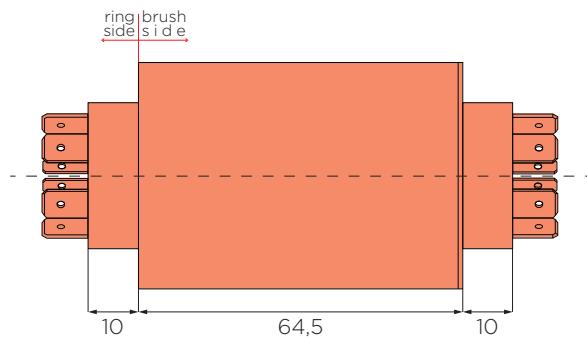
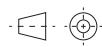
All dimensions in millimeters, unless otherwise specified

# SVTS B 02

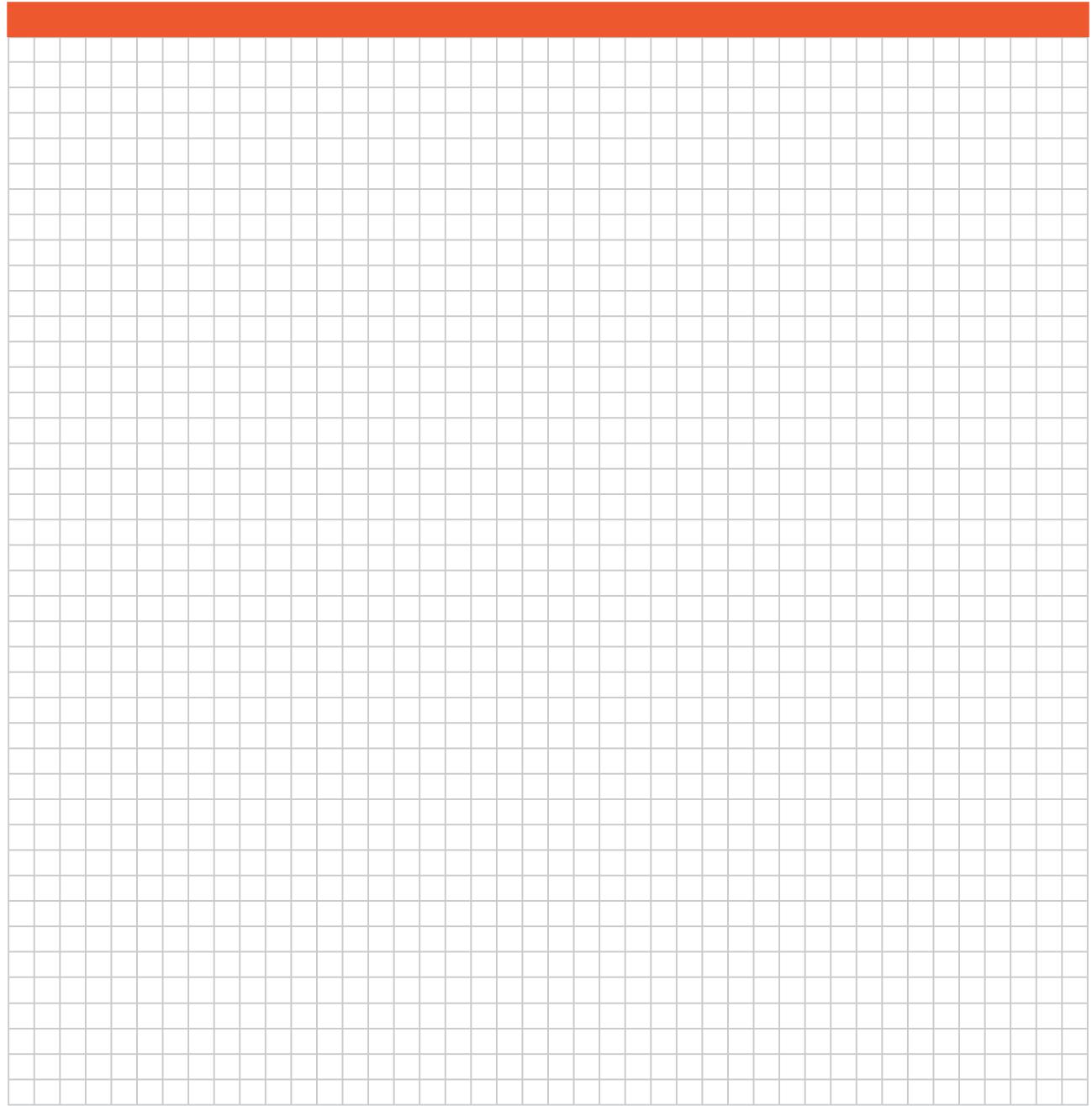
Transmission of		
Electric	Fieldbus	Fluidic (combined solutions)
Signals		
Power		

Customisations	Mechanical design	Materials
Cables		

All dimensions in millimeters, unless otherwise specified



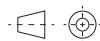
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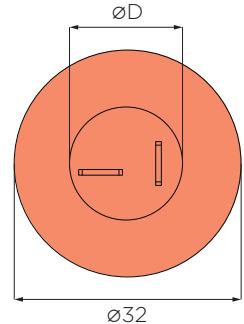
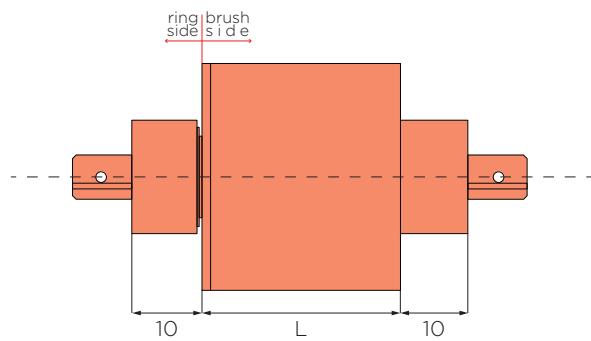
All dimensions in millimeters, unless otherwise specified

Specifications subject to change.  
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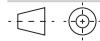
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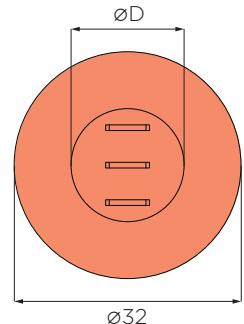
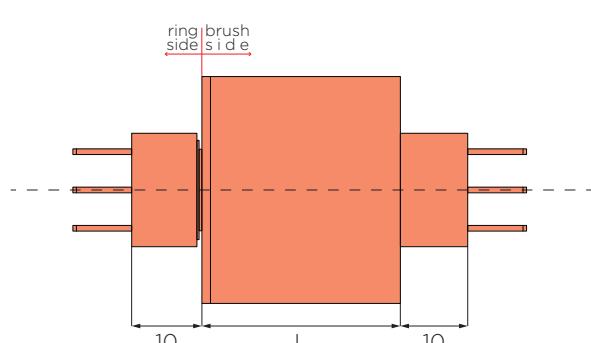
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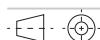
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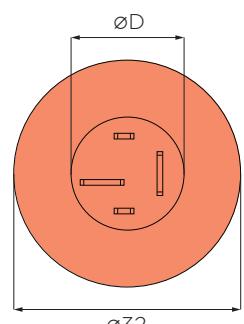
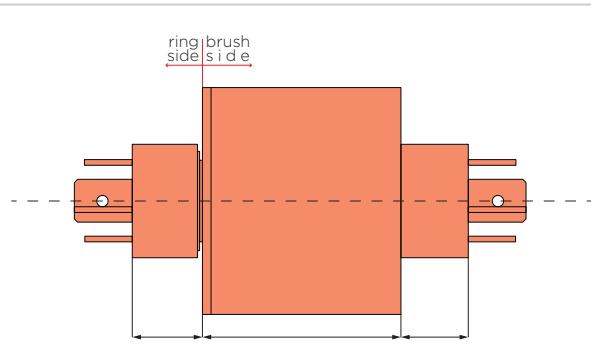
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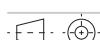
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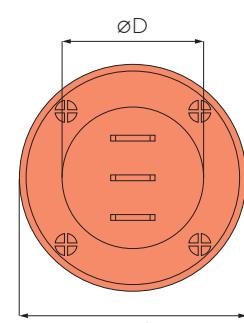
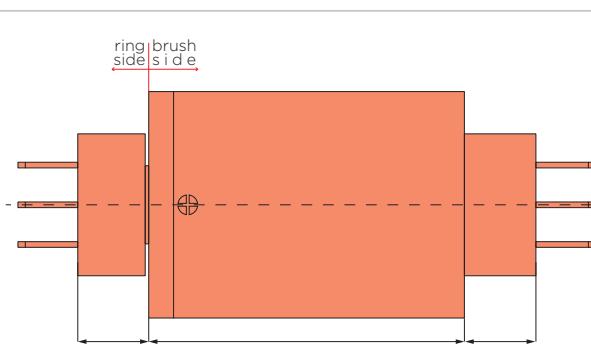
SVTS B 01 - IP65



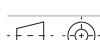
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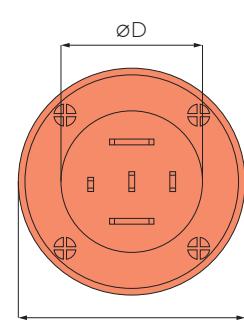
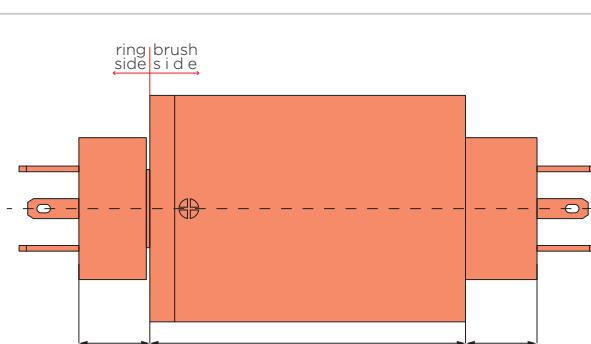
SVTS B 01



4 PINS

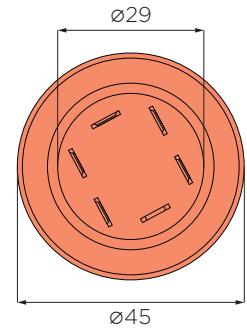
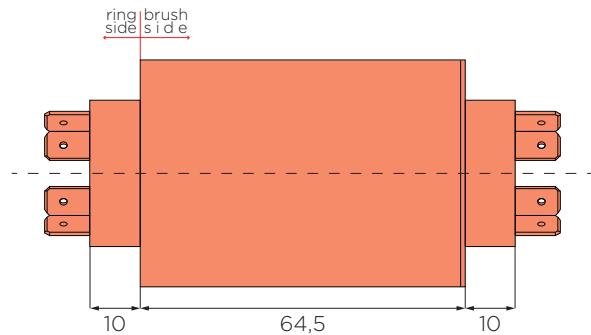


SVTS B 01 - IP65



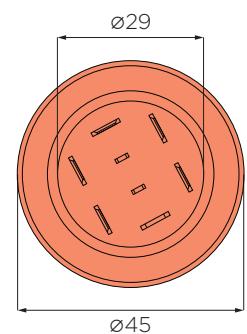
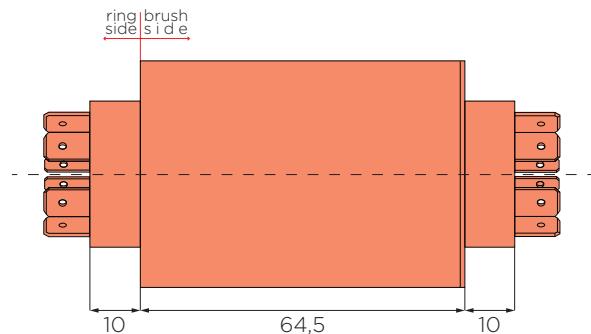
5 PINS

SVTS B 02



6 Pins

SVTS B 02



8 Pins

B SERIES

C SERIES

D SERIES

E SERIES

F SERIES

G SERIES

CUSTOM

