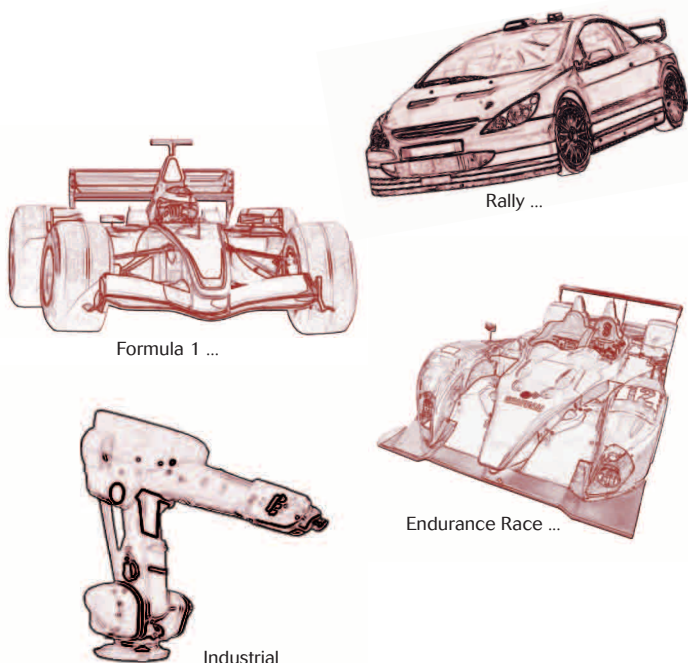


# Power contacts #4

for cable 8, 10, 16, 25, 35 & 50 mm<sup>2</sup>



## Applications



Power contacts #4 are suitable for:

- All power applications in motorsport - alternators, starters, KERS, batteries etc
- Industrial high power or harsh environment applications.

## Benefits

### A size 4 contact for a wide range of wire sizes

- Size 8, 10, 16, 25, 35 and 50 mm<sup>2</sup>

### Easy visual wire identification

- Coloured band on contact



### Enables the use of small & large wire sections

- Reducer for wires 8 & 10 mm<sup>2</sup> in contact barrel 16mm<sup>2</sup>
- Widener for wire 50 mm<sup>2</sup> in contact barrel 16mm<sup>2</sup>

### Ideal for high power applications

- Up to 200 A continuous (8STA 12-01 specif. 261)

### Respect for environment

- RoHS compliant



### SOURIAU's Offer

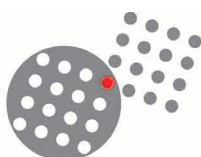
- Power contact to be used in 8STA layout:

12-01 (specif 261)

24-44



- PC tail version available on request
- Multiple power and mixed/power solutions with power contacts #8 available as well - see page 3



**SOURIAU**  
Connection Technology

# 8STA - Power contacts



## Technical characteristics

### Material

- Body: Copper alloy
- Plating: Gold over nickel

• Different coloured bands according to wire section:

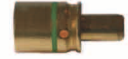
Red for wire 16 mm<sup>2</sup>



Blue for wire 25 mm<sup>2</sup>



Green for wire 35 mm<sup>2</sup>



## How to order

Designation	Wire 16 mm <sup>2</sup>	Wire 25 mm <sup>2</sup>	Wire 35 mm <sup>2</sup>
	Removable contacts		Non removable contact
Pin contact	8599 7520A 900	8599 7598 900	8599 0313
Socket contact	8599 7521A 900	8599 7599 900	8599 0316
Widener - wire 50 mm <sup>2</sup>	8599 7526	-	-
Reducer - wire 8 & 10 mm <sup>2</sup>	8400 2351A	-	-
Crimping tool	M22520/23-01 + Die M22520/23-04 + Positionner M22520/23-11  and for widener 50 mm <sup>2</sup> : M22520/23-01 + Die WA23-4 + Positionner WA23-176L	M22520/23-01 + Die M22520/23-04 + Positionner M22520/23-11	M22520/23-01 + Die 8599-0319 + Positionner 8599-0318 (male) + Positionner 8599-0317 (female)
Plastic extraction tool	M81969/14-07 (blue)		-

## Range presentation

**Size 4 power contact**

**Socket contact**

**Pin contact**

Contact	Cable section		
	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>
Pin / Socket contact	ø 6.5 min.	ø 7.33 min.	ø 8.65
Coloured band	Red	Blue	Green

# 8STA - Power contacts



**Reducer for wire 8 & 10 mm<sup>2</sup>**

Compatible with pin & socket contact / wire 16 mm<sup>2</sup>.

Pin contact

Socket contact

Reducer 8 & 10 mm<sup>2</sup>

**Widener for wire 50 mm<sup>2</sup>**

Compatible with pin & socket contact / wire 16 mm<sup>2</sup>.

Pin contact

Socket contact

Widener 50 mm<sup>2</sup>

## Power & mixed Power/signal offer



8STA 10-80 specification 251  
1 #8 power contact



8STA 16-75 specification 251  
2 #8 power contacts



8STA 16-02 specification 251  
1 #8 power contact  
38 #22D signal contacts



8STA 20-48  
4 #8 power contacts



8STA 24-07 specification 251  
2 #8 power contacts  
97 #22D signal contacts



8STA 24-46 specification 251  
2 #8 power contacts  
4 #16 power contacts  
40 #20 signal contacts

For further information, visit our website [www.motorsport-connectors.com](http://www.motorsport-connectors.com)  
or contact us at [contactindustry@souriau.com](mailto:contactindustry@souriau.com)

Note : all dimensions are in mm