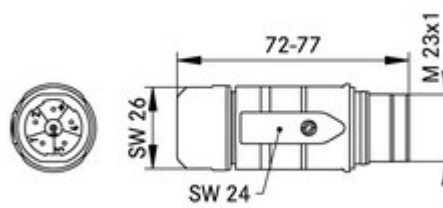


Circular connectors for servomotors and power supply

### Product Description

The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.



### Application range

- Plant engineering
- Servo drives and servo assemblies

### Benefits

- The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.

### Product features

- Cable coupler
- For male contacts crimp
- Connectors with cable clamping range 14 - 17 mm for 2 mm contacts with cross-section of 4 mm<sup>2</sup>
- Housing with pre-assembled insulation
- In PU5, parts with the cable clamping ranges 8.5-11/10.5-15.5/7.5-15.5 mm include the 2 mm contacts with a cross-section of 0.5-2.5 mm<sup>2</sup>

**Technical Data****Rated voltage (V)**

630 V

**Rated impulse voltage**

6 kV

**Rated current (A)**

25 A

**Contact resistance**

&lt; 4 mOhm

**Contacts**

Gold-plated brass

**Number of contacts**

5 + PE

**Termination methods**Crimp termination: 0.5 - 4.0 mm<sup>2</sup>**Material**

Housing: nickel-plated zinc die-casting, nickel-plated brass

Insert: PA, Seal: FPM

**Protection rating**

IP68 (10h / 1m)

**Cycle of mechanical operation**

500

**Temperature range**

-25°C - +125°C

**VDE-tested**

Certified production control: VDE-REG. no. 25

**Degree of soiling**

3

**Article List**

| Part number                           | Article | Contacts included | Cable clamping range (mm) | Pin configuration | Pieces / PU |
|---------------------------------------|---------|-------------------|---------------------------|-------------------|-------------|
| Type LS1 F6, 6-pin, for male contacts |         |                   |                           |                   |             |
| 73000012                              | LS1 F6  | 6                 | 8,5 - 11                  | 5 + PE            | 5           |
| 73000014                              | LS1 F6  |                   | 8,5 - 11                  | 5 + PE            | 20          |
| 73000013                              | LS1 F6  | 6                 | 10,5 - 15,5               | 5 + PE            | 5           |
| 73000015                              | LS1 F6  |                   | 10,5 - 15,5               | 5 + PE            | 20          |
| 76133000                              | LS1 F6  | 6                 | 7,5 - 15,5                | 5 + PE            | 5           |
| 76133510                              | LS1 F6  |                   | 7,5 - 15,5                | 5 + PE            | 20          |
| 44420095                              | LS1 F6  | 6                 | 14 - 17                   | 5 + PE            | 5           |
| 44420094                              | LS1 F6  |                   | 14 - 17                   | 5 + PE            | 20          |

**Footnote:**

Photographs are not to scale and do not represent detailed images of the respective products.