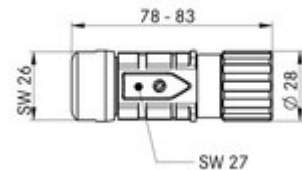
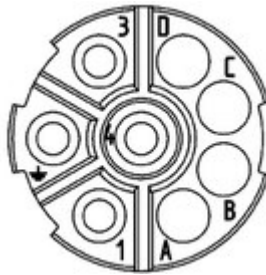


Circular connectors for servomotors and power supply

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 connector, long type
- For female contacts crimp
- Connectors with cable clamping range 14 - 17 mm for 2 mm contacts with cross-section of 4 mm²
- 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 mm²

Technical Data

Rated voltage (V)

630 V (2 mm contacts)

250 V (1 mm contacts)

Rated impulse voltage

6 kV (2 mm contacts)

4 kV (1 mm contacts)

Rated current (A)

26 A (2 mm contacts)

7 A (1 mm contacts)

Contact resistance

< 4 mOhm

Contacts

Gold-plated brass

Number of contacts

3 + PE + 4

Termination methods

Crimp termination: 0.5 - 4.0 mm² (2 mm contacts)

Crimp termination: 0.14 - 1.0 mm² (1 mm contacts)

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 D6, 8-pin, for female contacts					
73000000	LS1 D6	8	8,5 - 11	3 + PE + 4	5
73000002	LS1 D6		8,5 - 11	3 + PE + 4	20
73000001	LS1 D6	8	10,5 - 15,5	3 + PE + 4	5
73000003	LS1 D6		10,5 - 15,5	3 + PE + 4	20
76124000	LS1 D6	8	7,5 - 15,5	3 + PE + 4	5
76124510	LS1 D6		7,5 - 15,5	3 + PE + 4	20
44420089	LS1 D6	8	14 - 17	3 + PE + 4	5
44420088	LS1 D6		14 - 17	3 + PE + 4	20

Footnote:

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