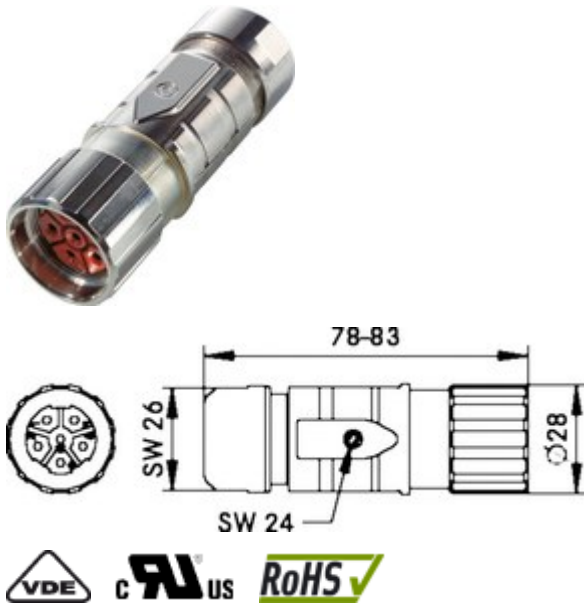


Circular connectors for servomotors and power supply

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
- Housing with pre-assembled insulation
- Connectors with cable clamping range 14 - 17 mm for 2 mm contacts with cross-section of 4 mm²
- 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

Rated impulse voltage

6 kV

Rated current (A)

25 A

Contact resistance

< 4 mOhm

Contacts

Gold-plated brass

Number of contacts

5 + PE

Termination methods

Crimp termination: 0.5 - 4.0 mm²

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, 6-pin, for female contacts					
73000004	LS1 D6	6	8,5 - 11	5 + PE	5
73000006	LS1 D6		8,5 - 11	5 + PE	20
73000005	LS1 D6	6	10,5 - 15,5	5 + PE	5
73000007	LS1 D6		10,5 - 15,5	5 + PE	20
76123000	LS1 D6	6	7,5 - 15,5	5 + PE	5
76123510	LS1 D6		7,5 - 15,5	5 + PE	20
44420091	LS1 D6	6	14 - 17	5 + PE	5
44420090	LS1 D6		14 - 17	5 + PE	20

Footnote:

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