



## Circular connectors for servomotors and power supply

High power at smallest installation space, Optimal solution for electric motors; EMC-optimised design; Safety use in field environment by high protection class

GOOD CHEMICAL RESISTANCE	CORROSION RESISTANT	MACHINE INDUSTRY	MAX VIBRATION	MECHANICAL RESISTANCE	ASSEMBLY TIME	SPACE REQUIREMENT	ROBUST	WATERPROOF	WIND ENERGY	APPROVAL CERTIFICATIONS



## Product description

### Application range

- Plant engineering
- Servo drives and servo assemblies

### Benefits

- High power at smallest installation space, Optimal solution for electric motors
- EMC-optimised design
- Safety use in field environment by high protection class

## Technical Data

Rated voltage (V)

630 V (2 mm contacts)

---

Rated impulse voltage	250 V (1 mm contacts) 6 kV (2 mm contacts)
Rated current (A)	4 kV (1 mm contacts) 26A/3+PE+4, 25A/5+PE (2mm contacts) 7 A (1 mm contacts)
Contact resistance	< 4 mOhm
Contacts	Gold-plated brass
Number of contacts	3 + PE + 4 5 + PE
Termination methods	Crimp termination: 0.5 - 2.5 mm <sup>2</sup> (2 mm contacts) Crimp termination: 0.14 - 1.0 mm <sup>2</sup> (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. B25
Degree of soiling	3