



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

- Reduced length for cables which are easy to assemble

GOOD CHEMICAL RESISTANCE	CORROSION RESISTANT	MACHINE INDUSTRY	MAX VIBRATION	MECHANICAL RESISTANCE	ASSEMBLY TIME	OPTIMUM STRAIN RELIEF	SPACE REQUIREMENT	ROBUST	INTEGRATED CABLE GLAND	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)

EPIC® LS1 D6 (short)



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 - 4.0 mm ² (2 mm contacts) Crimp termination: 0.14 - 1.0 mm ² (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