

Circular connectors for servomotors and power supply

EPIC® LS1 Power cable coupler with flange for cable extensions for wall mounting

## Info

For fast and safe wall mounting of a cable extension Made in Germany







Mechanical and plant engineering



Wind Energy



Good chemical resistance



Corrosion-resistant



Maximum vibration protection



Mechanical resistance



Assembly time



Optimum strain relief



Space requirement

Last Update (26.07.2025)
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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02\_03.16





Robust



Integrated SKINTOP<sup>®</sup> cable gland



Interference signals



Waterproof



Variety of approval certifications

### **Benefits**

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

## **Application range**

Plant engineering

Servo drives and servo assemblies

**Technical Data** 

Classification ETIM 5: ETIM 5.0 Class-ID: EC002635

ETIM 5.0 Class-Description: Circular connector (industrial

connector)

Classification ETIM 6: ETIM 6.0 Class-ID: EC002635

ETIM 6.0 Class-Description: Circular connector (industrial

connector)

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): 26A/3+PE+4, 25A/5+PE (2mm contacts)

7 A (1 mm contacts)

Pollution degree: 3

Contact resistance: < 4 mOhm

Contacts: Gold-plated brass

Number of contacts: 3+PE+4(2mm/1mm)

5+PE(2mm)

Termination methods: Crimp termination: 0.5 - 4.0 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

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VDE-tested: UL File Number: E249137

Temperature range: -25°C up to +125°C

## Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products. Prices are net prices without VAT and surcharges. Sale to business customers only.

### Article number Article description Contacts included Clamping range in mm Fastening type Pin configuration Packaging unit Type LS1 F7, cable coupler wih mounting flange, 6-pin, for male contacts 8.5 - 11 Ø 3.2 mm (4x), M25 x 1.5 5+PE 73000020 LS1 F7 (with nut) 73000021 LS1 F7 6 10.5 - 15.5 Ø 3.2 mm (4x), M25 x 1.5 5+PE (with nut) 6 Ø 3.2 mm (4x), M25 x 1.5 5+PE 76143000 LS1 F7 7.5 - 15.5 (with nut) Type LS1 F7, 8-pin, for male contacts Ø 3.2 mm (4x), M25 x 1.5 3+PE+4 LS1 F7 8 8.5 - 11 73000016 5 (with nut) Ø 3.2 mm (4x), M25 x 1.5 3+PE+4 73000017 LS1 F7 8 10.5 - 15.5 (with nut)