

EPIC® POWER LS1 F7

Circular connector for servo drives and power supply.

EPIC® LS1 power coupling connector with flange for cable extensions for wall mounting

Info

For fast and safe mounting of a cable extension on a device wall



Variety of approval certifications



Waterproof



Interference signals



Integrated SKINTOP[®] cable gland



Robust



Space requirement



Optimum strain relief



Assembly time



Mechanical resistance

Last Update (16.05.2017)

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You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

EPIC® POWER LS1 F7



Maximum vibration protection



Corrosion-resistant



Good chemical resistance



Wind Energy



Industrial machinery and plant engineering

Benefits

High power in the smallest installation space, optimal solution for electric motors

EMC-optimised design

Safe use in field thanks to high protection rating

Application range

Plant construction

Servo drives and servo assemblies

Technical Data

Classification:	ETIM 5.0 Class-ID: EC002635 ETIM 5.0 Class-Description: Circular connector (industrial connector)
Rated voltage (V):	630 V (2mm contacts) 250 V (1 mm contacts)
Rated impulse voltage:	6 kV (2 mm contacts) 4 kV (1 mm contacts)
Rated current in 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)
Cable connection:	Crimp termination: 0.5 – 4.0 mm ² (2mm contacts) Crimp termination: 0.14 – 1.0 mm ² (1mm contacts)
Material:	Housing: Nickel-plated zinc die-cast, nickel-plated brass Insulating body: PA Seal: FPM
Protection rating:	IP68 (10h/1m)
Plug cycles:	500
Temperature range:	-25°C to +125°C

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EPIC® POWER LS1 F7**Note**

Photographs 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.

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Article number	Article description	Contacts included	Clamping range in mm	Fastening type	Pin configuration
Type LS1 F7, cable coupler with mounting flange, 6-pin, for male contacts					
73000020	LS1 F7	6	8.5 - 11	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5+PE
73000021	LS1 F7	6	10.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5+PE
73000023	LS1 F7	10.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5+PE	
76143000	LS1 F7	6	7.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5+PE
Type LS1 F7, 8-pin, for male contacts					
73000016	LS1 F7	8	8.5 - 11	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	3+PE+4
73000017	LS1 F7	8	10.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	3+PE+4
76144000	LS1 F7	8	7.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	3+PE+4
76144510	LS1 F7	7.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	3+PE+4	

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