

EPIC® POWER LS1 D6 (short)










Circular connector for servo drives and power supply.

EPIC® LS1 power cable connector short with coupling nut

Info

Reduced length for cables which are easy to assemble



-  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

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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
VDE-tested:	Certified production control: VDE reg. no. B25
Temperature range:	-25°C to +125°C

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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	Pin configuration
Type LS1 D6 short, cable connector, 6-pin, for female contacts				
73000028	LS1 D6	6	8.5 - 11	5+PE
73000030	LS1 D6	8.5 - 11	5+PE	
73000029	LS1 D6	6	10.5 - 15.5	5+PE
73000031	LS1 D6	10.5 - 15.5	5+PE	
76123100	LS1 D6	6	7.5 - 15.5	5+PE
76123610	LS1 D6	7.5 - 15.5	5+PE	
Type LS1 D6 short, cable connector, 8-pin, for female contacts				
73000024	LS1 D6	8	8.5 - 11	3+PE+4
73000026	LS1 D6	8.5 - 11	3+PE+4	
73000025	LS1 D6	8	10.5 - 15.5	3+PE+4
73000027	LS1 D6	10.5 - 15.5	3+PE+4	
76124100	LS1 D6	8	7.5 - 15.5	3+PE+4
76124610	LS1 D6	7.5 - 15.5	3+PE+4	

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