

EPIC® POWER LS1 D6 short

Circular connectors for servomotors 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 (02.08.2019)

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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



Mechanical and plant engineering

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 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

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VDE-tested:

Certified production control: VDE-REG. no. B25

Temperature range:

-25°C up to +125°C

Note

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Article number	Article description	Contacts included	Clamping range min	Clamping range max	Clamping range in mm	Pin configuration	Pieces / PU
Type LS1 D6 short, cable connector, 6-pin, for female contacts							
73000028	LS1 D6	6	8.5	11	8.5 - 11	5+PE	5
73000030	LS1 D6	-	8.5	11	8.5 - 11	5+PE	20
73000029	LS1 D6	6	10.5	15.5	10.5 - 15.5	5+PE	5
73000031	LS1 D6	-	10.5	15.5	10.5 - 15.5	5+PE	20
76123100	LS1 D6	6	7.5	15.5	7.5 - 15.5	5+PE	5
76123610	LS1 D6	-	7.5	15.5	7.5 - 15.5	5+PE	20
Type LS1 D6 short, cable connecor, 8-pin, for female contacts							
73000024	LS1 D6	8	8.5	11	8.5 - 11	3+PE+4	5
73000026	LS1 D6	-	8.5	11	8.5 - 11	3+PE+4	20
73000025	LS1 D6	8	10.5	15.5	10.5 - 15.5	3+PE+4	5
73000027	LS1 D6	-	10.5	15.5	10.5 - 15.5	3+PE+4	20
76124100	LS1 D6	8	7.5	15.5	7.5 - 15.5	3+PE+4	5
76124610	LS1 D6	-	7.5	15.5	7.5 - 15.5	3+PE+4	20

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