

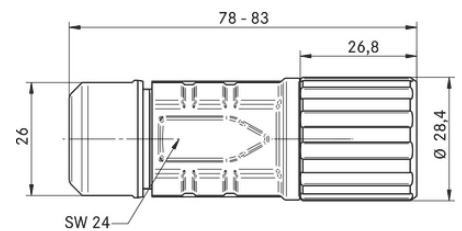
EPIC® POWER LS1 D6

Circular connectors for servomotors and power supply

EPIC® LS1 Power cable connector with coupling nut

Info

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 (24.04.2024)

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Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

EPIC® POWER LS1 D6



Robust



Integrated SKINTOP[®] 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 mm² (2 mm contacts)

Crimp termination: 0.14 - 1.0 mm² (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
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.

EPIC® POWER LS1 D6

Article number	Article description	Contacts included	Clamping range min	Clamping range max	Clamping range in mm	Pin configuration	Pieces / PU
Type LS1 D6, cable connector, 6-pin, for female contacts							
73000004	LS1 D6	6	8.5	11	8.5 - 11	5+PE	5
73000006	LS1 D6	-	8.5	11	8.5 - 11	5+PE	20
73000005	LS1 D6	6	10.5	15.5	10.5 - 15.5	5+PE	5
73000007	LS1 D6	-	10.5	15.5	10.5 - 15.5	5+PE	20
76123000	LS1 D6	6	7.5	15.5	7.5 - 15.5	5+PE	5
76123510	LS1 D6	-	7.5	15.5	7.5 - 15.5	5+PE	20
44420091	LS1 D6 with 2mm contact for 4mm ² termination	6	14	17	14 - 17	5+PE	5
44420090	LS1 D6	-	14	17	14 - 17	5+PE	20
Type LS1 D6, cable connector, 8-pin, for female contacts							
73000000	LS1 D6	8	8.5	11	8.5 - 11	3+PE+4	5
73000002	LS1 D6	-	8.5	11	8.5 - 11	3+PE+4	20
73000001	LS1 D6	8	10.5	15.5	10.5 - 15.5	3+PE+4	5
73000003	LS1 D6	-	10.5	15.5	10.5 - 15.5	3+PE+4	20
76124000	LS1 D6	8	7.5	15.5	7.5 - 15.5	3+PE+4	5
76124510	LS1 D6	-	7.5	15.5	7.5 - 15.5	3+PE+4	20
44420089	LS1 D6 with 2mm contact for 4mm ² termination	8	14	17	14 - 17	3+PE+4	5
44420088	LS1 D6	-	14	17	14 - 17	3+PE+4	20