

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

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 (21.07.2024)

©2024 Lapp Group - Technical changes reserved

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 short



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 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

Last Update (21.07.2024)

©2024 Lapp Group - Technical changes reserved

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 short

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 short

Article number	Article description	Contacts included	Clamping range min	Clamping range max	Clamping range in mm	Pin configuration	Packaging unit
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 connector, 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

Last Update (21.07.2024)

©2024 Lapp Group - Technical changes reserved

 Product Management www.lappkabel.de

 You can find the current technical data in the corresponding data sheet.
 PN 0456 / 02_03_16