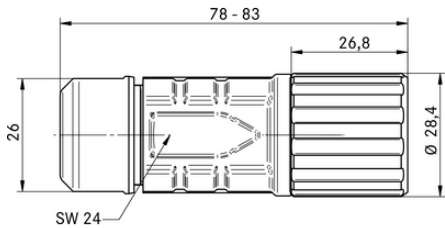


## EPIC® POWER LS1 D6

Circular connectors for servomotors and power supply

EPIC® LS1 Power cable connector with coupling nut



- Mechanical and plant engineering
- Wind Energy
- Good chemical resistance
- Corrosion-resistant
- Maximum vibration protection
- Mechanical resistance
- Assembly time
- Optimum strain relief
- Space requirement
- Robust

## EPIC® POWER LS1 D6



Integrated SKINTOP<sup>®</sup> 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 <sup>2</sup> (2 mm contacts) Crimp termination: 0.14 - 1.0 mm <sup>2</sup> (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
VDE-tested:	Certified production control: VDE-REG. no. B25
Temperature range:	-25°C up to +125°C

Last Update (14.10.2019)

©2019 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

PN 0456 / 02\_03.16

## EPIC® POWER LS1 D6

**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 <sup>2</sup> 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 <sup>2</sup> termination	8	14	17	14 - 17	3+PE+4	5
44420088	LS1 D6	-	14	17	14 - 17	3+PE+4	20

Last Update (14.10.2019)

©2019 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