EPIC® POWER LS1 D6

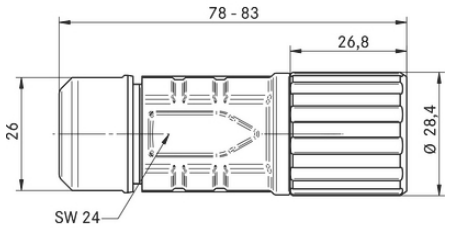
Circular connectors for servomotors and power supply

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 (22.02.2024)
©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


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 (22.02.2024)
©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

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.

©2024 Lapp Group - Technical changes reserved

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 4mm² 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 4mm² termination	8	14	17	14 - 17	3+PE+4	5
44420088	LS1 D6	-	14	17	14 - 17	3+PE+4	20

Last Update (22.02.2024)
©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