EPIC® POWER LS1 D6 TWIST short

Circular connectors for servomotors and power supply

EPIC® LS1 power cable connector with TWIST quick-lock technology

Info
TWIST quick-lock technology
Connector with 1/4 turn safely locked
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 (22.05.2025)
©2025 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 TWIST short

Robust

Integrated SKINTOP® cable gland

Interference signals

Waterproof

Variety of approval certifications

Benefits

Locking 70% faster
EMC-optimised design
Safety use in field environment by high protection class

Application range

Plant engineering
Servo drives and servo assemblies
Not pluggable with standard EPIC POWER LS1 counterparts type A1,A3,F6,F7,G4,G6

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)

Last Update (22.05.2025)
©2025 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 TWIST short

Cycle of mechanical operation:	500
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.

Last Update (22.05.2025)
©2025 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

LAPP

PRODUCT INFORMATION

EPIC® POWER LS1 D6 TWIST short

Article number	Article description	Contacts included	Clamping range in mm	Pin configuration	Packaging unit
Type LS1 D6 short, cable connector, 6-pin, for female contacts					
24441279	LS1 D6	6	8.5 - 11	5+PE	5
24441280	LS1 D6	-	8.5 - 11	5+PE	20
24441281	LS1 D6	6	10.5 - 15.5	5+PE	5
24441282	LS1 D6	-	10.5 - 15.5	5+PE	20
24441283	LS1 D6	6	7.5 - 15.5	5+PE	5
Type LS1 D6 short, cable connecor, 8-pin, for female contacts					
24441285	LS1 D6	8	8.5 - 11	3+PE+4	5
24441286	LS1 D6	-	8.5 - 11	3+PE+4	20
24441287	LS1 D6	8	10.5 - 15.5	3+PE+4	5
24441288	LS1 D6	-	10.5 - 15.5	3+PE+4	20
24441289	LS1 D6	8	7.5 - 15.5	3+PE+4	5
24441290	LS1 D6	-	7.5 - 15.5	3+PE+4	20

Last Update (22.05.2025)
©2025 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