






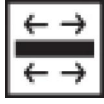









U.I. Lapp GmbH	PRODUCT INFORMATION	
EPIC® POWER LS1 D6 (short)		05.11.2015

Circular connectors for servomotors and power supply
 High power at smallest installation space, Optimal solution for electric motors
 EMC-optimised design
 Safety use in field environment by high protection class



-  Good chemical resistance
-  Corrosion-resistant
-  Industrial machinery and plant engineering
-  Maximum vibration protection
-  Mechanical resistance
-  Assembly time
-  Optimum strain relief
-  Space requirement
-  Robust
-  Integrated SKINTOP® cable gland
-  Interference signals
-  Waterproof
-  Wind Energy

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	EPIC® POWER LS1 D6 (short)	05.11.2015



Variety of approval certifications

Info

Reduced length for cables which are easy to assemble

Application range

Plant engineering
Servo drives and servo assemblies

Remark

Photographs are not to scale and do not represent detailed images of the respective products.

Technical Data


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)
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
Temperature range:	-25°C up to +125°C
VDE-tested:	Certified production control: VDE-REG. no. B25
Degree of soiling:	3

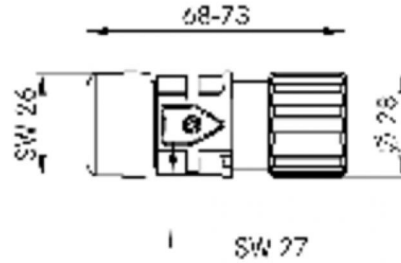
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EPIC® POWER LS1 D6 (short)

05.11.2015

Part number	Article description	Contacts included	Clamping range in mm	Pin configuration	Pieces / PU
Type LS1 D6 short, cable connector, 6-pin, for female contacts					
73000028	LS1 D6	6	8,5 - 11	5+PE	5
73000030	LS1 D6		8,5 - 11	5+PE	20
73000029	LS1 D6	6	10,5 - 15,5	5+PE	5
73000031	LS1 D6		10,5 - 15,5	5+PE	20
76123100	LS1 D6	6	7,5 - 15,5	5+PE	5
76123610	LS1 D6		7,5 - 15,5	5+PE	20
Type LS1 D6 short, cable connecor, 8-pin, for female contacts					
73000024	LS1 D6	8	8,5 - 11	3+PE+4	5
73000026	LS1 D6		8,5 - 11	3+PE+4	20
73000025	LS1 D6	8	10,5 - 15,5	3+PE+4	5
73000027	LS1 D6		10,5 - 15,5	3+PE+4	20
76124100	LS1 D6	8	7,5 - 15,5	3+PE+4	5
76124610	LS1 D6		7,5 - 15,5	3+PE+4	20

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