






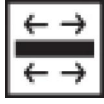









U.I. Lapp GmbH	PRODUCT INFORMATION	
EPIC® POWER LS1 D6		05.11.2015

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

Product Management	Document: LAPP_PRO965EN.pdf	1 / 4
--------------------	-----------------------------	-------

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



Variety of approval certifications

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

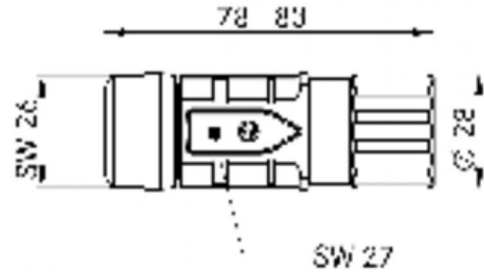
Product Management	Document: LAPP_PRO965EN.pdf	2 / 4
--------------------	-----------------------------	-------

EPIC® POWER LS1 D6

05.11.2015

Part number	Article description	Contacts included	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	5+PE	5
73000006	LS1 D6		8,5 - 11	5+PE	20
73000005	LS1 D6	6	10,5 - 15,5	5+PE	5
73000007	LS1 D6		10,5 - 15,5	5+PE	20
76123000	LS1 D6	6	7,5 - 15,5	5+PE	5
76123510	LS1 D6		7,5 - 15,5	5+PE	20
44420091	LS1 D6 with 2mm contact for 4mm ² termination	6	14 - 17	5+PE	5
44420090	LS1 D6		14 - 17	5+PE	20
Type LS1 D6, cable connector, 8-pin, for female contacts					
73000000	LS1 D6	8	8,5 - 11	3+PE+4	5
73000002	LS1 D6		8,5 - 11	3+PE+4	20
73000001	LS1 D6	8	10,5 - 15,5	3+PE+4	5
73000003	LS1 D6		10,5 - 15,5	3+PE+4	20
76124000	LS1 D6	8	7,5 - 15,5	3+PE+4	5
76124510	LS1 D6		7,5 - 15,5	3+PE+4	20
44420089	LS1 D6 with 2mm contact for 4mm ² termination	8	14 - 17	3+PE+4	5
44420088	LS1 D6		14 - 17	3+PE+4	20

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



Product Management	Document: LAPP_PRO965EN.pdf	4 / 4
--------------------	-----------------------------	-------