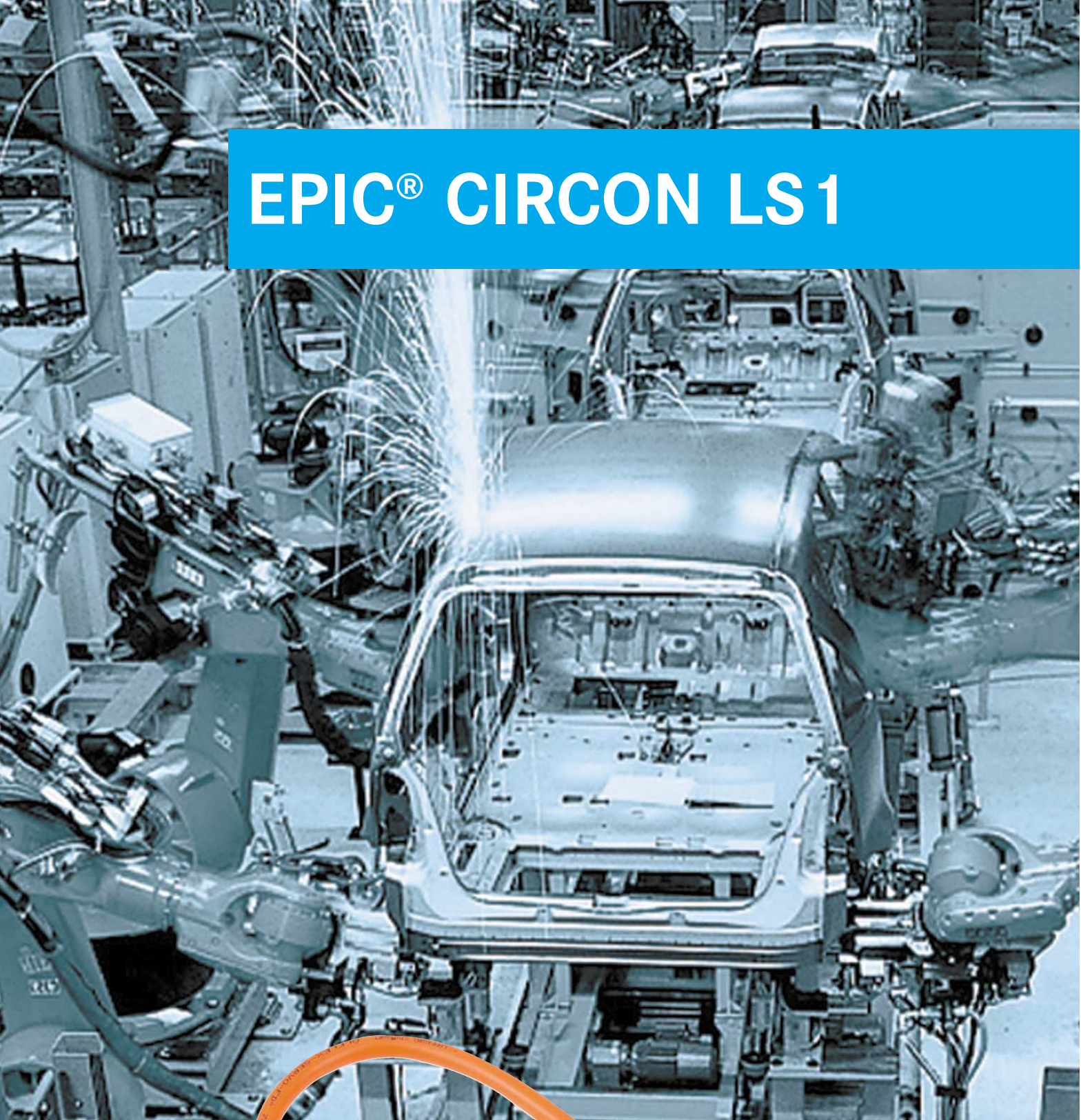


EPIC® CIRCON LS1



CONTACT
Connectors 



A Lapp Group Company

EPIC® CIRCON LS 1 – Power Circular Connector – with:

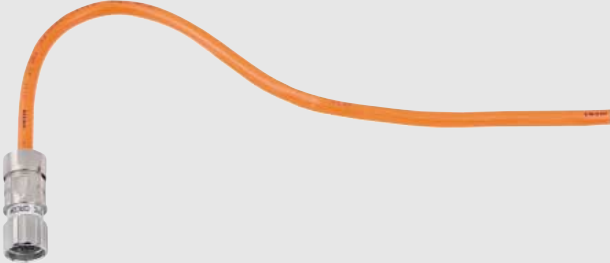
For further information, please send us an e-mail to contact@contactconnectors.de

- Protection class: IP 68 (5 bar)
- Unique marking system:

a) by means of coloured marking clips or alternatively

b) by individual markable labels
- Clear visible and tangible guidance when mating
- Circular connectors according to DIN EN 61984

EPIC® CIRCON LS1 Power Circular Connector



Technical data 5 + GND

Rated current

2 mm contacts: 22 A

Rated voltage

2 mm contacts: 630 V

Impulse rated voltage

2 mm contacts: 6 kV

Pollution degree:

3 (≥ IP 54)

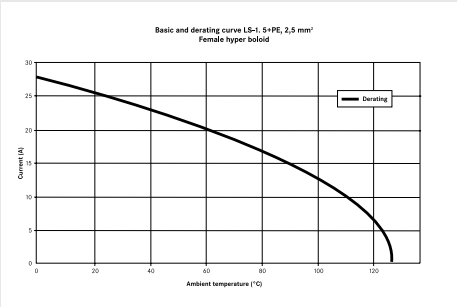
Overvoltage category:

3

Cross sections:

0,5-2,5 mm² Crimp

AWG 14-20 Crimp



Technical data 3 + GND + 4

Rated current

1 mm contacts: 7 A at 1,0 mm²

Rated current

2 mm contacts: 22 A at 2,5 mm²

Rated voltage

1 mm contacts: 250 V

Rated voltage

2 mm contacts: 630 V

Impulse rated voltage

1 mm contacts: 4 kV

Impulse rated voltage

2 mm contacts: 6 kV

Pollution degree:

3 (≥ IP54)

Overvoltage category:

3

Cross sections

1 mm contacts:

0,14- 1,0 mm² Crimp

AWG 18-24 Crimp

Cross sections

2 mm contacts:

0,5-2,5 mm² Crimp

AWG 14-20 Crimp

Protection class:

IP 68 – 5 bar

Temperature range:

-25 °C to +125 °C

Mating cycles:

500

Cable clamping range:

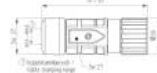
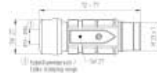
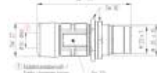
7,5-15,5 mm

Resistance:

Corrosion resistant

Mechanical resistant

Part No.:	Part	Poles	Packing unit					
76003000	LS1 A1 5+PE K (5) PANEL MOUNT BASE WITH MALE CONTACTS	5+PE	5					
76123100	LS1 D6 5+PE K 7,5-15,5 SHORT (5) CABLE CONNECTOR WITH FEMALE CONTACTS	5+PE	5					
76123000	LS1 D6 5+PE K 7,5-15,5 (5) CABLE CONNECTOR WITH FEMALE CONTACTS	5+PE	5					
76133000	LS1 F6 5+PE K 7,5-15,5 (5) CABLE COUPLER WITH MALE CONTACTS	5+PE	5					
76143000	LS1 F7 5+PE K 7,5-15,5 (5) CABLE COUPLER WITH MALE CONTACTS	5+PE	5					

Part No.:	Part	Poles	Packing unit					
76004000	LS1 A1 3+PE+4 K (5) PANEL MOUNT BASE WITH MALE CONTACTS	3+PE+4	5					
76124100	LS1 D6 3+PE+4 K 7,5-15,5 SHORT (5) CABLE CONNECTOR WITH FEMALE CONTACTS	3+PE+4	5					
76124000	LS1 D6 3+PE+4 K 7,5-15,5 (5) CABLE CONNECTOR WITH FEMALE CONTACTS	3+PE+4	5					
76134000	LS1 F6 3+PE+4 K 7,5-15,5 (5) CABLE COUPLER WITH MALE CONTACTS	3+PE+4	5					
76144000	LS1 F7 3+PE+4 K 7,5-15,5 (5) CABLE COUPLER WITH MALE CONTACTS	3+PE+4	5					

CONTACTS

Part No.:	Part	Type	For model	Packing unit
74033001	LS1 A SCEM 1 mm AU 0,14-1,0 (10) Male contact	1 mm male	A1	10
74033101	LS1 A SCEM 2 mm AU 0,5-2,5 (10) Male contact	2 mm male	A1	10
74033501	LS1 D BCEMS 1 mm AU 0,14-1,0 (10) Female contact	1 mm female slot	D6	10
74034501	LS1 D BCEMD 1 mm AU 0,14-1,0 (10) Female contact	1 mm female hyper boloid	D6	10
74034601	LS1 D BCEMD 2 mm AU 1,0-2,5 (10) Female contact	2 mm female hyper boloid	D6	10
74034001	LS1 F SCEM 1 mm AU 0,14-1,0 (10) Male contact	1 mm male	F6/F7	10
74034101	LS1 F SCEM 2 mm AU 0,5-2,5 (10) Male contact	2 mm male	F6/F7	10

CRIMPING TOOLS

Part No.:	Part	Remark	Packing unit	
11148000	CRIMPING TOOL 0.14-6.0 mm ²	with service case	1	
11148300	LOCATOR FOR EPIC® CIRCON LS1		1	

REMOVAL TOOLS

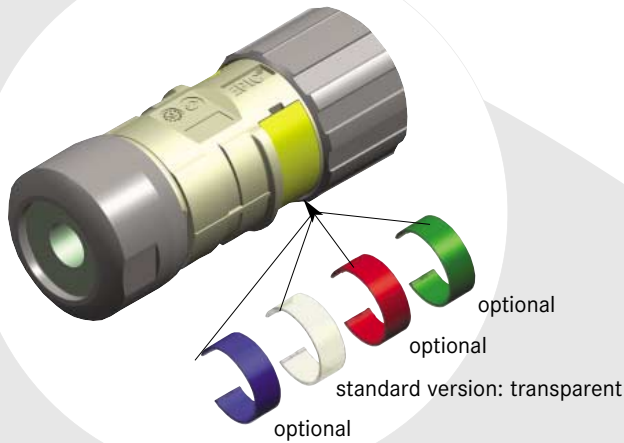
Part No.:	Part	for model	Packing unit
75017400	LS1 REMOVAL TOOL F,1MM CONTACT	A1	1
75017500	LS1 REMOVAL TOOL F,2MM CONTACT	A1	1

ACCESSORIES

Part No.:	Part	Remark	Packing unit
75018210	LS1 A (20) SCREW CAP	Metal screw cap for A1	20
75018310	LS1 A,G,F (20) SCREW CAP M.F.	Metal screw cap for A1, F6, F7	20
75007710	LS1 D (20) PROTECTION CAP	Plastic protection cap for D6	20
75007810	LS1 A,B,F,G (20) PROTECTION CAP	Plastic protection cap for A1, F6, F7	20

ACCESSORIES (MARKING SYSTEM)

Part No.:	Part	Packing unit
61800250	ILP 219 INDUSTRY DYMO MARKING SYSTEM	1
61800260	ID1 9 MM POLYESTER BW/WB 18766	1
61800263	ID1 9 MM POLYESTER BW/METAL 18760 1	1



The marking rings can be supplied in other colors upon request.



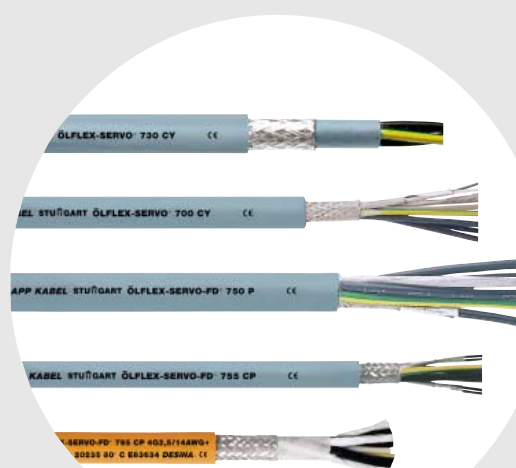
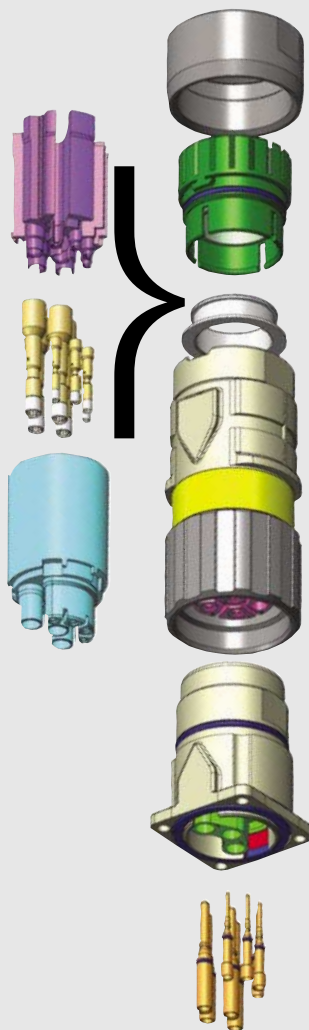
Marking recommendation for EPIC® CIRCON LS 1 circular connector: DYMO Marking System ILP 219

- Easy production & simple PC handling of the marking labels with new ILP software
- Accurately adapted labeling field by label mode "fixed length"
- Improved durability of the labels through extra strong adhesive

EPIC® CIRCON LS 1 – new ideas in new design

- Circular connector with the unique marking field. The DYMO marking system provides easy handling. The labels cannot be erased and cannot be lost
- Large cable clamping range of 7.5-15.5 mm. One circular connector for many different cable diameters
- With integrated EMC screen
- Protection class: IP 68 – highest protection against the penetration of dust and water
- Corrosion-tested; for use in rough environment
- Vibration-tested; perfectly suitable for electric drives and moving parts

Please contact our sales hotline:
+49/(0) 7 11/78 38-64 00 for further information. We look forward to meeting your requirements and making you a personalized offer.



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ÖLFLEX® Connection and control cables

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