

381167774	DATA SHEET	
Valid from: 11.07.2025	EPIC® M23P QL PLUG	

Description

- Circular connectors for servomotors and power supply
- High power at smallest installation space
- Optimal solution for electric motors
- Quickflex speed locking system
- EMC-shielding 360°
- Safety use in field environment by high protection class



General Characteristics

Series	M23P
Version	Cable connector, for female contacts
Pin configuration	3+PE+5
Rated voltage (V)	1000 V (2 mm contacts, Altitude 2000 m)
	optional 630 V (2 mm contacts, Altitude 5000 m)
	250 V (1 mm contacts)
Rated impulse voltage	8 kV (2 mm contacts)
	4 kV (1 mm contacts)
Rated current (A)	30 A (2 mm contacts, at terminal cross-section 4.0 mm²)
	7 A (1 mm contacts)
Contact resistance	< 4 mOhm
Contacts included	please see table below
Number of contacts	9 (3+PE+5)
Termination methods	Crimp termination: 0.35 – 4.0 mm² (2 mm contacts)
	Crimp termination: 0.05 – 1.0 mm² (1 mm contacts)
Cable clamping range	Ø 4,5 mm to Ø 17,0 mm
Protection rating	IP 68 (1 m, 10 h)
	optional IP 69 (for complete tested connection system)
Mating cycles	500
Temperature range	-20°C to +130°C
	optional -50°C to +130°C (EPDM)
Pollution degree	3
Over Voltage Category	III

Materials and Surfaces

Housing	Zinc die cast, nickel plated
Insert	PA
Contacts	Brass, gold plated
Seal	FKM

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Approvals

UL-File-Number

In progress

Standard

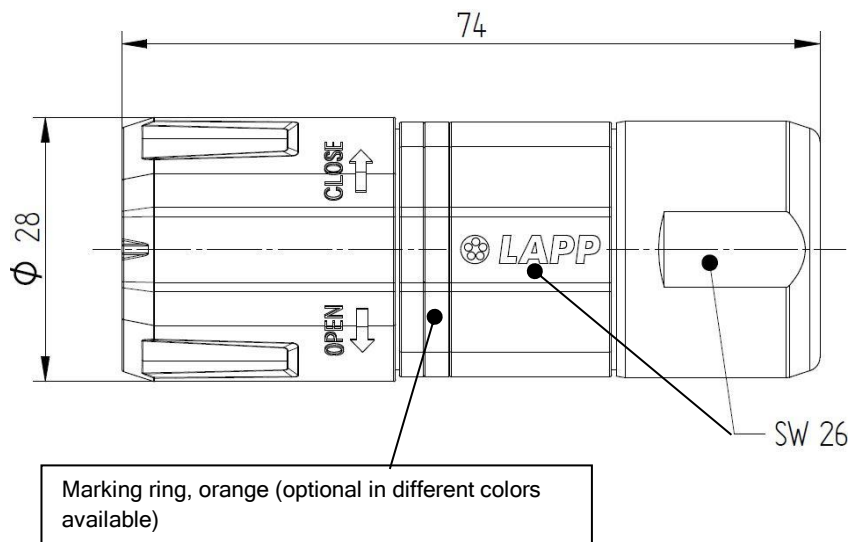
Safety Standard

IEC 61984; UL 1977; UL 2238

Product Variation

Article number	Article description	Contacts included	Pin configuration	Cable gland	Package unit [pc]
381167829	EPIC M23P QL 4.5-8.5 PLUG	no		Ø 4,5 – 8,5 mm CROWN CLAMP	20
381167769	EPIC M23P QL 7.5-12 PLUG	no		Ø 7,5 – 12 mm CROWN CLAMP	20
381167770	EPIC M23P QL 10.5-15.5 PLUG	no		Ø 10,5 – 15,5 mm CROWN CLAMP	20
381167771	EPIC M23P QL 15-17 PLUG	no		Ø 15 – 17 mm	20
381167774	EPIC M23P 8-PIN QL CF 7.5-15.5 PLUG	yes	3+PE+5	Ø 7,5 – 15,5 mm CROWN CLAMP	1

Technical Drawings



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Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Good chemical resistance



Corrosion-resistant



Maximum vibration protection



Short assembly time



Space requirement



Wind Energy

Remark

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

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