

381167772	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	5+PE
Rated voltage (V)	1000 V (2 mm contacts, Altitude 2000 m)
	optional 630 V (2 mm contacts, Altitude 5000 m)
Rated impulse voltage	8 kV (2 mm contacts)
Rated current (A)	30 A (2 mm contacts, at terminal cross-section 4.0 mm²)
Contact resistance	< 4 mOhm
Contacts included	please see table below
Number of contacts	6 (5+PE)
Termination methods	Crimp termination: 0.35 – 4.0 mm² (2 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
Overvoltage category	III

Materials and Surfaces

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

381167772	DATA SHEET	
Valid from: 11.07.2025	EPIC® M23P QL PLUG	

Approvals

UL-File-Number In progress

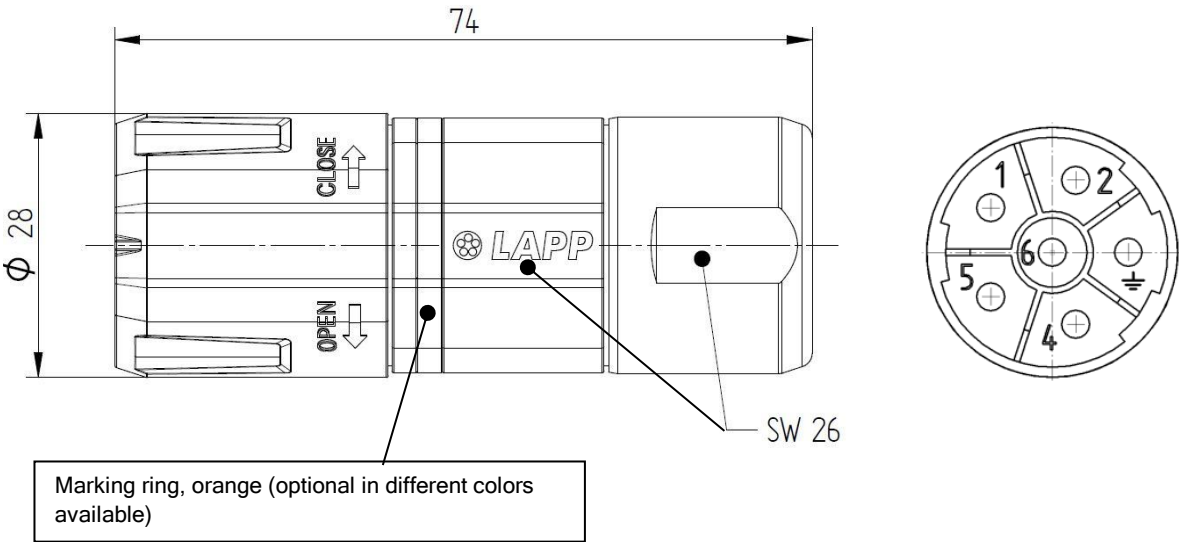
Standard

Safety Standard IEC 61984; UL 1977; UL 2238

Product Variation

Article number	Article description	Contacts included	Pin configuration	Cable gland	Package unit [pc]
381167828	EPIC M23P QL 3.5-4.6 PLUG	no		Ø 3,5 – 4,6 mm CROWN CLAMP	20
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
381167772	EPIC M23P 6-PIN QL CF 7.5-15.5 PLUG	yes	5+PE	Ø 7,5 – 15,5 mm CROWN CLAMP	1

Technical Drawings



Creator: IVSE1/BU EPIC Released: THBO1/BU EPIC	Document: DB381167772EN Version: 00	Page 2 of 3
---	--	-------------

381167772	DATA SHEET	
Valid from: 11.07.2025	EPIC® M23P QL PLUG	



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.

Creator: IVSE1/BU EPIC Released: THB01/BU EPIC	Document: DB381167772EN Version: 00	Page 3 of 3
---	--	-------------