

381167778	DATA SHEET	
Valid from: 11.07.2025	EPIC® M23P PLUG	

Description

- Circular connectors for servomotors and power supply
- Screw locking M23 x 1
- High power at smallest installation space
- Optimal solution for electric motors
- 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 mm ²)
Contact resistance	< 4 mOhm
Contacts included	please see table below
Number of contacts	6 (5+PE)
Termination methods	Crimp termination: 0.35 - 4.0 mm ² (2 mm contacts)
Cable clamping range	Ø 4,5 mm to Ø 17,0 mm
IP- 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 diecast; nickel plated
Insert	PA
Contacts	Brass, gold plated
Seal	FKM

Approvals

UL-File-Number	In progress
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Creator: IVSE1/BU EPIC Released: THB01/BU EPIC	Document: DB381167778EN Version: 00	Page 1 of 3
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Standard

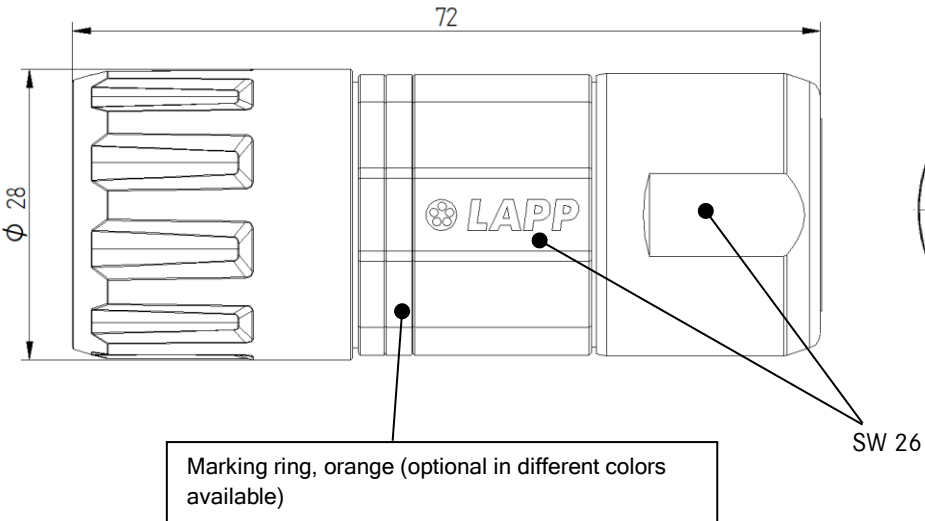
Safety Standard

IEC 61984; UL 1977; UL 2238

Product Variation

Article number	Article description	Contacts included	Pin configuration	Cable gland	Package unit [pc]
381167826	EPIC® M23P D6 3.5-5.6 OG PLUG	no		Ø 3,5 – 4,6 mm CROWN CLAMP	20
381167827	EPIC M23P 4.5-8.5 PLUG	no		Ø 4,5 – 8,5 mm CROWN CLAMP	20
381167775	EPIC M23P 7.5-12 PLUG	no		Ø 7,5 – 12 mm CROWN CLAMP	20
381167776	EPIC M23P 10.5-15.5 PLUG	no		Ø 10,5 – 15,5 mm CROWN CLAMP	20
381167777	EPIC M23P 15-17 PLUG	no		Ø 15 – 17 mm	20
381167778	EPIC M23P 6-PIN 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: THB01/BU EPIC	Document: DB381167778EN Version: 00	Page 2 of 3
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Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Good chemical resistance



Corrosion-resistant



Maximum vibration protection



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: DB381167778EN Version: 00	Page 3 of 3
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