

381167786	DATA SHEET	
Valid from: 11.07.2025	EPIC® M23P EXTENSION	

Description

- Circular connectors for servomotors and power supply
- Screw locking M 23 x 1, with vibration protection O-ring
- High power at smallest installation space
- Optimal solution for electric motors
- Quickflex ready
- EMC-shielding 360°
- Safety use in field environment by high protection class



General Characteristics

Series	M23P
Version	Cable coupler, for male contacts
Pin configuration	3+PE+5
Rated voltage	630 V (2 mm contacts, Altitude 2000 m) 250 V (1 mm contacts)
Rated impulse voltage	6 kV (2 mm contacts) 4 kV (1 mm contacts)
Rated current	30 A (2 mm contacts, at terminal cross-section 4.0 mm ²) 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 mm ² (2 mm contacts) Crimp termination: 0.05 – 1.0 mm ² (1 mm contacts)
Cable clamping range	Ø4,5 mm to Ø17,0 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 diecast; nickel plated
Insert	PA
Contacts	Brass, gold plated
Seal	FKM

Approvals

UL File Number	In progress
----------------	-------------

Creator: IVSE1/BU EPIC Released: THB01/BU EPIC	Document: DB381167786EN Version: 00	Page 1 of 3
---	--	-------------

381167786	DATA SHEET	
Valid from: 11.07.2025	EPIC® M23P EXTENSION	

Standard

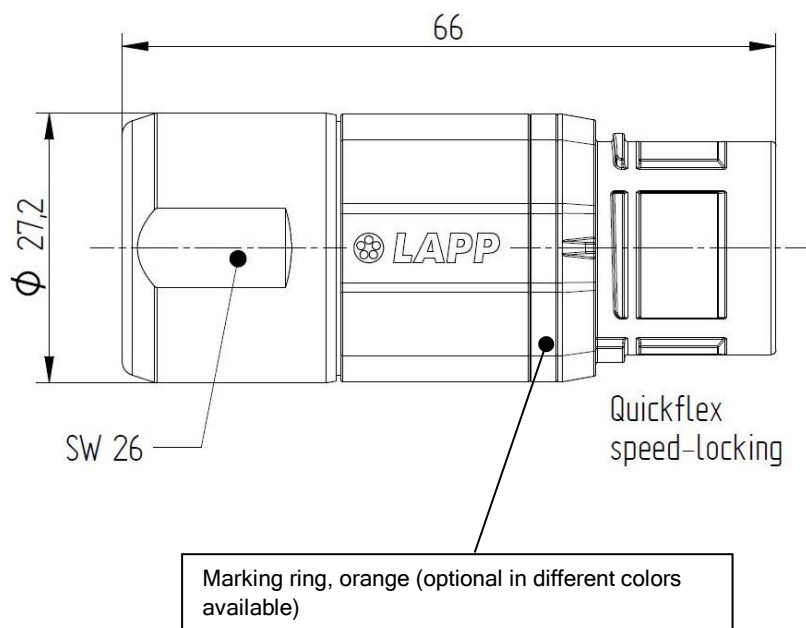
Safety Standard

IEC 61984; UL 1977; UL 2238

Product Variation

Article number	Article description	Contacts included	Pin configuration	Cable gland	Package unit [pc]
381167781	EPIC M23P QL 7.5-12 EXTENSION	no		Ø 7,5 – 12 mm CROWN CLAMP	20
381167782	EPIC M23P QL 10.5-15.5 EXTENSION	no		Ø 10,5 – 15,5 mm CROWN CLAMP	20
381167783	EPIC M23P QL 15-17 EXTENSION	no		Ø 15 – 17 mm	20
381167786	EPIC M23P 8-PIN QL CM 7.5-15.5 EXTENSION	yes	3+PE+5	Ø 7,5 – 15,5 mm CROWN CLAMP	1
381167830	EPIC M23P F6 QL 3.5-5.6 KUPPLUNG	nein		Ø 3,5 – 5,6 mm	20
381167831	EPIC M23P QL 4.5-8.5 EXTENSION	no		Ø 4,5 – 8,5 mm CROWN CLAMP	20

Technical Drawings



Creator: IVSE1/BU EPIC Released: THB01/BU EPIC	Document: DB381167786EN Version: 00	Page 2 of 3
---	--	-------------

381167786	DATA SHEET	
Valid from: 11.07.2025	EPIC® M23P EXTENSION	



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: DB381167786EN Version: 00	Page 3 of 3
---	--	-------------