

381167793	DATA SHEET	
Valid from: 11.07.2025	EPIC® M23P RECEPTACLE	

Description

- Circular connectors for servomotors and power supply
- Screw locking M 23 x 1, with vibration protection O-ring
- Quickflex ready
- 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	90° angled, 330° rotatable, 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 mm²) 7 A (1 mm contacts)
Contact resistance	< 4 mOhm
Contacts included	please see table below
Number of contacts	8 (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)
Device mounting	Ø 3,1 mm (4x)
IP- Protection	IP 68 (1 m, 10 h) optional IP 69 (for complete mated and tested 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 diecast, nickel plated, chromated (CrVI free)
Insert	PA
Contacts	Brass, gold plated
Seal	FKM

Approvals

UL-File-Number	In progress
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Standard

Safety Standard

IEC 61984; UL 1977; UL 2238

Product Variation

Article number	Article description	Contacts included	Pin configuration	Package unit [pc]
381167793	EPIC M23P 9-PIN QUICK LOCK READY FLANGE 25 RECEPTACLE NICKEL PLATED	yes	3+PE+5	1
381167794	EPIC M23P 9-PIN QUICK LOCK READY FLANGE 25 RECEPTACLE NICKEL PLATED	yes	3+PE+5	1
381167847	EPIC M23P 8-PIN QUICK LOCK READY FLANGE 25 RECEPTACLE CROMATED	yes	3+PE+5	1
381167848	EPIC M23P 8-PIN QUICK LOCK READY FLANGE 28 RECEPTACLE CROMATED	yes	3+PE+5	1

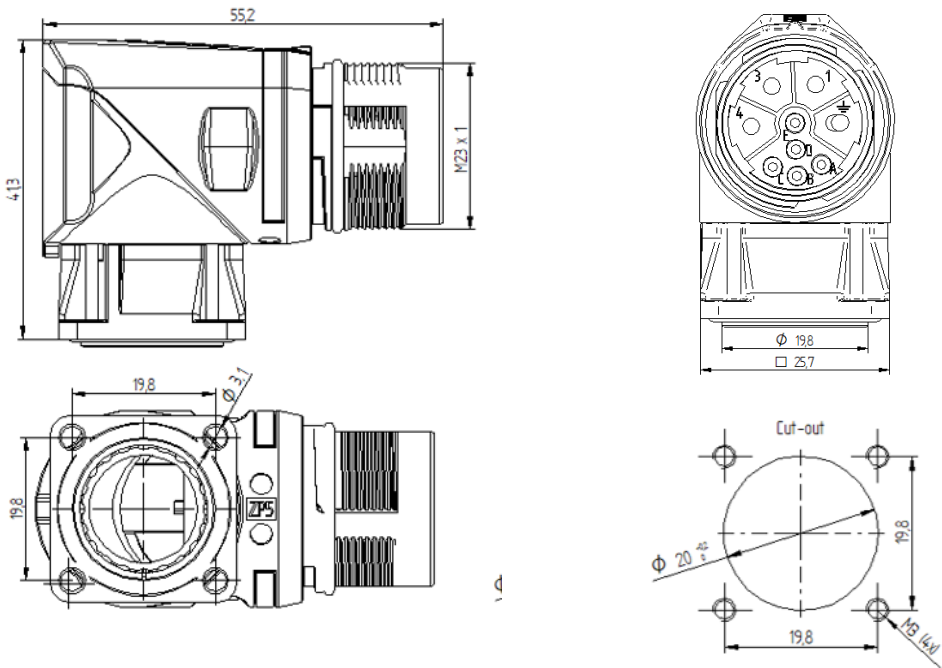
Note: Larger packaging units available on request

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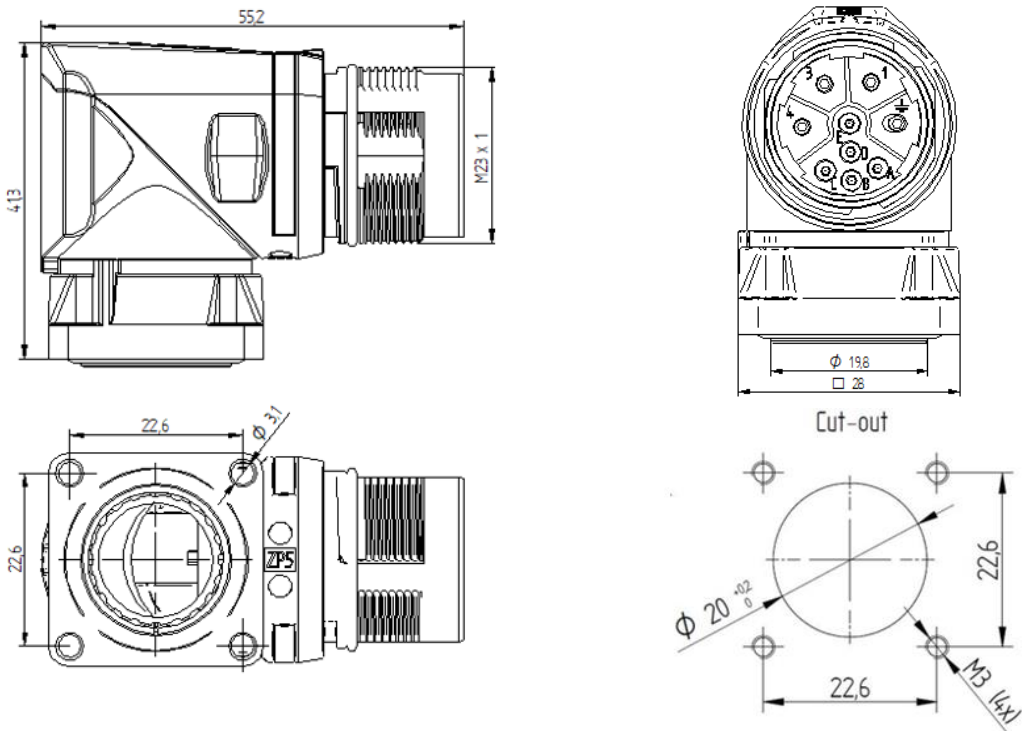
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Technical Drawings

RECEPTACLE FLANGE 25



RECEPTACLE FLANGE 28



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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

Info

Rotateable with clearly defined adjustment positions

Application range

Plant engineering

Servo drives and servo assemblies

Remark

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

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