# 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  $\emptyset$  3,1 mm (4x) IP- Protection IP 68 (1 m, 10 h)

optional IP 69 (for complete mated and tested system)

Mating cycles 50

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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#### **EPIC® M23P RECEPTACLE**



#### **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

#### 381167793

### **DATA SHEET**

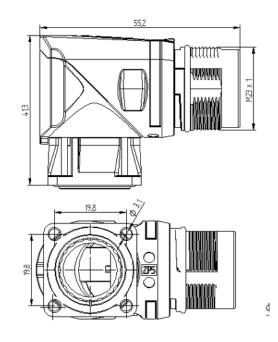
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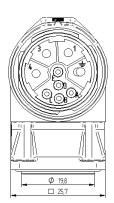
**EPIC® M23P RECEPTACLE** 

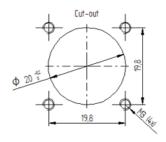


#### **Technical Drawings**

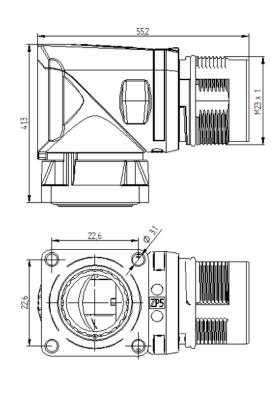
## RECEPTACLE FLANGE 25

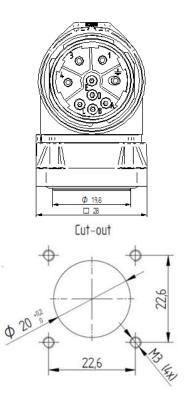






## RECEPTACLE FLANGE 28





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## 381167793 **DATA SHEET**

Valid from: 11.07.2025 EPIC® M23P RECEPTACLE





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