


381166108	<b>DATA SHEET</b>	
Valid from: 10.11.2023	<b>EPIC® POWER M23 D6 3+PE+4 CF TWIST</b>	

## Description

- Circular connectors for servomotors and power supply
- High power at smallest installation space
- Optimal solution for electric motors
- EMC-optimised design
- Safety use in field environment by high protection class
- Cable clamp for EPIC® POWER M23
- With seal
- Cap Nut
- Contact carrier
- Insulating sleeve
- PE-spring



## General characteristics

Series	EPIC® POWER M23 D6 housingtype: TWIST, cable clamp, cap Nut, inserts
Version	Cable connector, package unit = 1 pcs
Number of poles	Female, 3+PE+4
Connection type	Crimp termination
Temperature range	-25 to +125 °C
Connection cross section for 2 mm contacts	0,5 mm² - 2,5 mm²
Connection cross section for 1 mm contacts	0,14 mm² - 1,0 mm²

## Mechanical characteristics

Cycles of mechanical operation	500
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## Electrical characteristics

Rated voltage for 2 mm contacts	630 V
Rated impulse voltage	6 kV
Rated current	25 A
Rated voltage for 1 mm contacts	250 V
Rated impulse voltage	4 kV
Rated current	7 A
Contact resistance working signal contacts	< 4 mOhm
Contact resistance PE- contact	< 100 mOhm
Degree of soiling	3

## Product Variations

Article number	Article	Cable clamping range in [mm]
381166108	EPIC POWER M23 D6 3+PE+4 CF TWIST 8,5-11 (1)	8,5 - 11
381166109	EPIC POWER M23 D6 3+PE+4 CF TWIST 10,5-15,5 (1)	10,5 - 15,5
381166110	EPIC POWER M23 D6 3+PE+4 CF TWIST 7,5-15,5, (1)	7,5 - 15,5

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Materials and surfaces

Housing	Nickel-plated zinc die-casting
Coupling sleeve	Nickel-plated zinc die-casting
Seal	FKM
Clamping ring	Spring steel, coated
Cable clamp	PA
Tube sealing ring	CRNBR
O-ring	FKM
Cap Nut	Nickel-plated Copper Alloy
Contact carrier	PA
Insulating sleeve	PA
PE spring	Copper Alloy
TWIST- spring	Copper-Alloy

Approvals

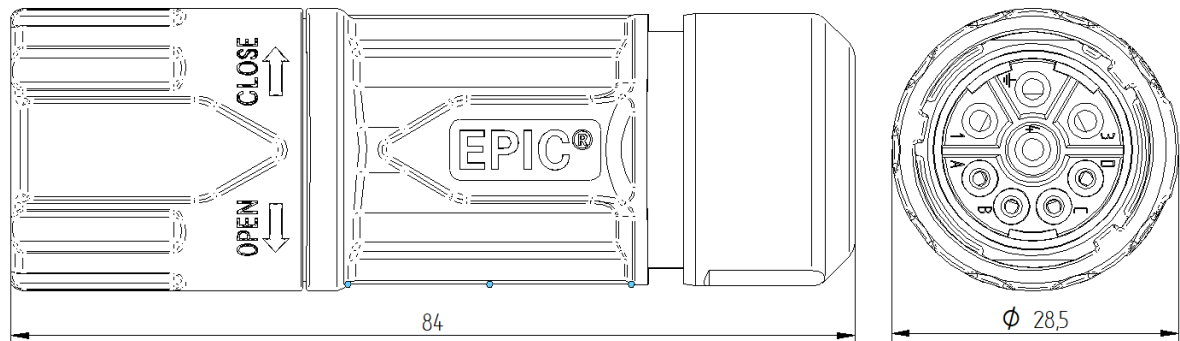
UL-File-Number	Approval in pending
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Standard


Safety Standard	IEC 61984
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Technical Drawing



Item	Wrench size
housing	24
Cap nut	26 / 27 (7,5-15,5)

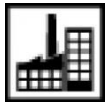
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Good chemical resistance



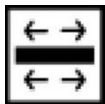
Corrosion-resistant



Industrial machinery and plant engineering



Mechanical resistance



Optimum strain relief



Waterproof

### 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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