

24441292	DATA SHEET	
Valid from: 18.09.2020	EPIC® POWER LS1 A6 3+PE+4 TWIST	

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
- Quick and secure locking with bayonet lock



General Characteristics

Series	POWER LS 1
Version	Front wall mounting for female contacts
Pin configuration	3+PE+4
Rated voltage (V)	630 V (2mm Contacts) 250 V (1mm Contacts)
Rated impulse voltage	6 kV (2mm Contacts) 4 kV (1mm Contacts)
Rated current (A)	25 A (2mm Contacts) 7 A (1mm Contacts)
Contact resistance	< 4 mOhm
Contacts included	Yes
Number of contacts	3+PE+4
Termination methods	Crimp termination: 0.5 - 2.5 mm ² (2 mm contacts) Crimp termination: 0.14 - 1.0 mm ² (1 mm contacts)
Cable clamping range	Ø2,7mm (4x)
Protection	IP 67 (latched)
Cycle of mechanical operation	500
Temperature range	-25°C to +125°C
Degree of soiling	3

Materials and Surfaces

Housing	Nickel-plated zinc die-casting, nickel-plated brass
Insert	PA
Seal	FPM
Contact	Brass
Contact surface	Au

Approvals

UL E-File Number	E249137
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Standard

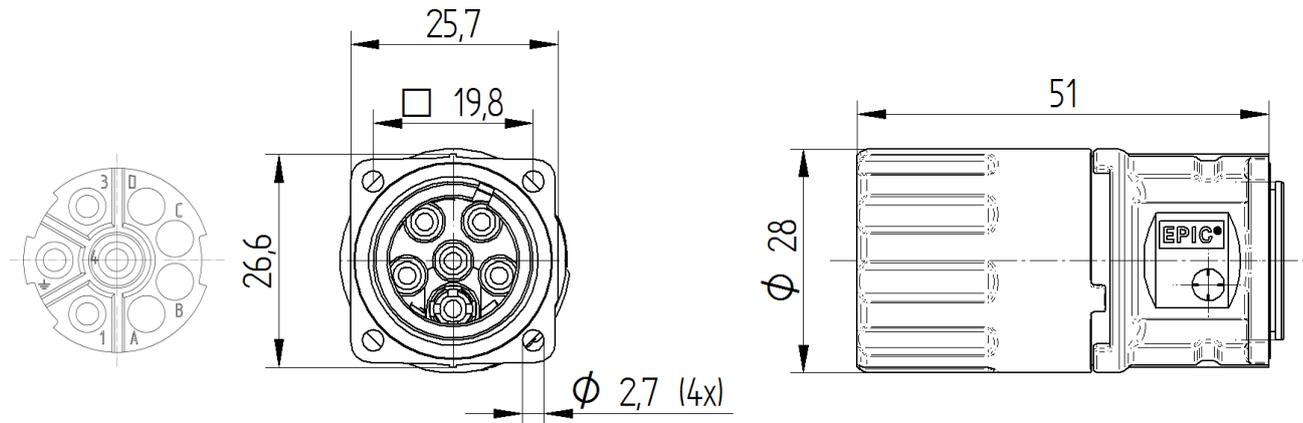
Safety Standard	IEC 61984, UL 2238, CSA 22.2 182.3
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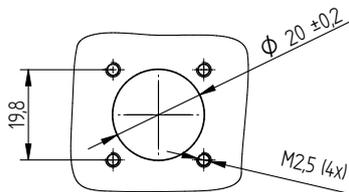
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Technical Drawings



Mounting cut out



Good chemical resistance



Corrosion-resistant



Industrial machinery and plant engineering



Maximum vibration protection



Mechanical resistance



Assembly time

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Space requirement



Robust



Waterproof



Wind Energy



Variety of approval certifications

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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