

75009693	DATA SHEET	
Valid from: 18.09.2020	EPIC® POWER LS1 KIT F6 5+PE	

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



General Characteristics

Series	POWER LS 1
Version	Cable coupler for male contacts
Pin configuration	5+PE
Rated voltage (V)	630 V
Rated impulse voltage	6 kV
Rated current (A)	25 A
Contact resistance	< 4 mOhm
Contacts	Gold plated brass
Number of contacts	5+PE
Termination methods	Crimp termination: 0.5 – 2,5 mm ²
Protection	IP 68 (latched and locked)
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
Insert	PA
Seal	FPM

Approvals

VDE-Approval, VDE-REG.-Nr.	B025
UL-File-Number	E249137

Standard

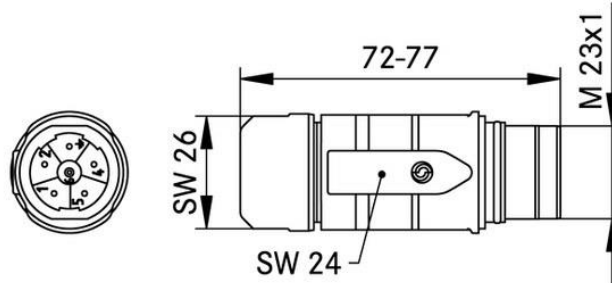
Safety Standard	IEC 61984; UL 2238; CSA 22.2 182.3
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Technical Drawings



Good chemical resistance



Corrosion-resistant



Industrial machinery and plant engineering



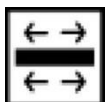
Maximum vibration protection



Mechanical resistance



Assembly time



Optimum strain relief



Space requirement

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Robust



Integrated SKINTOP® cable gland



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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