76154000

DATA SHEET

Valid from: 18.09.2020

EPIC® POWER LS1 G5 3+PE+4



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 Front wall mounting for male 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) 25A/3+PE+4 (2mm Contacts)

7A (1mm Contacts)

Contact resistance < 4 mOhm

Contacts included Yes

Contacts Gold plated brass

Number of contacts 3+PE+4

Termination methods

Crimp termination: 0.5 - 2.5 mm² (2 mm contacts)

Crimp termination: 0.14 - 1.0 mm² (1 mm contacts)

Cable clamping range M25x1,5 (with nut)

Protection IP 68
Cycle of mechanical operation 500

Temperature range -25°C to +125°C

Degree of soiling 3

Product Variation

76154510 PU =20 pieces: the contacts must be ordered separately

Materials and Surfaces

Housing Nickel-plated zinc die-casting, nickel-plated brass

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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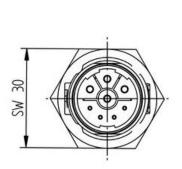
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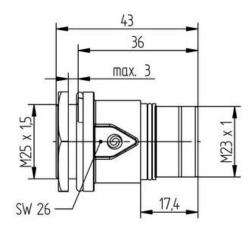
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Technical Drawings







Good chemical resistance



Corrosion-resistant



Industrial machinery and plant engineering



Maximum vibration protection



Mechanical resistance



Assembly time



Space requirement

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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.