76083000 DATA SHEET

Valid from: 18.06.2019

EPIC® POWER LS1 A6 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 Front wall mounting for male contacts

Pin configuration 5+PE

Rated voltage (V) 630 V (2mm Contacts)
Rated impulse voltage 6 kV (2mm Contacts)
Rated current (A) 25A/5+PE (2mm Contacts)

Contact resistance < 4 mOhm

Contacts included Yes

Contacts Gold plated brass

Number of contacts 5+PE

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

Cable clamping range Ø2,7mm(4x)
Protection IP 68

Cycle of mechanical operation 500

Temperature range -25°C to +125°C

Degree of soiling 3

Product Variation

76083510 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
Contact Brass
Contact surface Au

Approvals

VDE-Approval, VDE-REG.-Nr. B025

UL-File-Number E249137, E75770

Standard

Safety Standard IEC 61984 UL 1977, UL 2238, CSA 22.2 182.3

| Creator: STKU3/PDP | Document: DB76083000EN | Page 1 of 3 |
|---------------------|------------------------|-------------|
| Released: IVSE1/PDP | Version: 03 | |

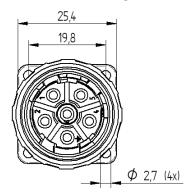
76083000 DATA SHEET

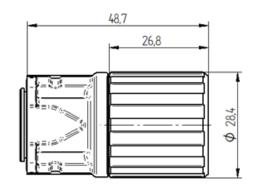
Valid from: 18.06.2019

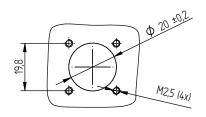
EPIC® POWER LS1 A6 5+PE



Technical Drawings











Good chemical resistance



Corrosion-resistant



Industrial machinery and plant engineering



Maximum vibration protection



Mechanical resistance



Assembly time



Space requirement



Robust

| Creator: STKU3/PDP | Document: DB76083000EN | Page 2 of 3 |
|---------------------|------------------------|-------------|
| Released: IVSE1/PDP | Version: 03 | |

76083000 DATA SHEET Valid from: FRIC® BOWER | \$1.44 F.1

EPIC® POWER LS1 A6 5+PE





18.06.2019

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.