76083000	DATA SHEET	LAPP
Valid from: 18.09.2020	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

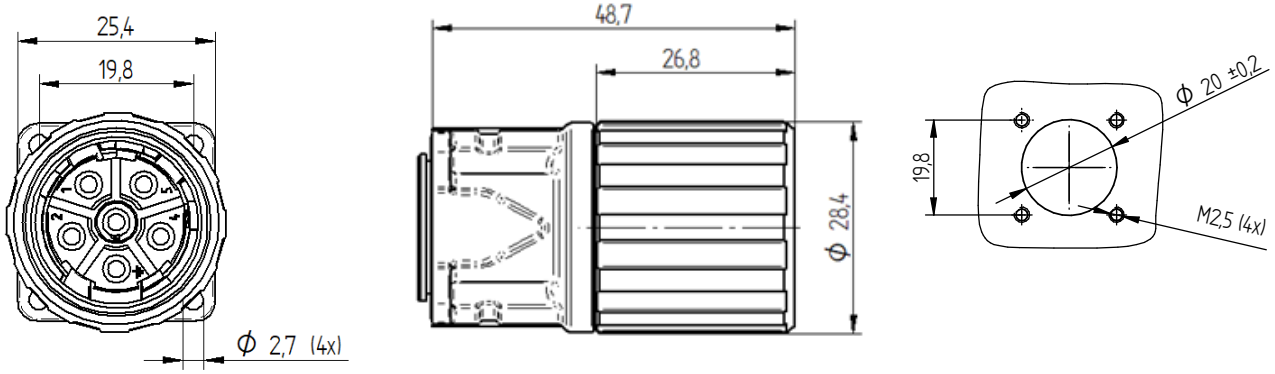
Approvals

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

Standard

Safety Standard	IEC 61984, UL 2238, CSA 22.2 182.3

Technical Drawings



Good chemical resistance

Corrosion-resistant

Industrial machinery and plant engineering

Maximum vibration protection

Mechanical resistance

Assembly time

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.