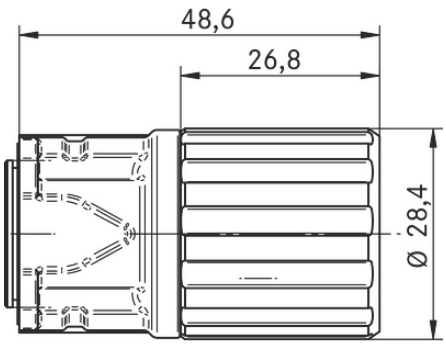
EPIC® POWER LS1 A6

Circular connectors for servomotors and power supply

EPIC® LS1 Power connector panel base with socket contacts

Info
Made in Germany



- Mechanical and plant engineering
- Wind Energy
- Good chemical resistance
- Corrosion-resistant
- Maximum vibration protection
- Mechanical resistance
- Assembly time
- Space requirement
- Robust

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Interference signals

Waterproof

Variety of approval certifications

Benefits

High power at smallest installation space, Optimal solution for electric motors
EMC-optimised design
Safety use in field environment by high protection class

Application range

Plant engineering
Servo drives and servo assemblies

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC002635 ETIM 5.0 Class-Description: Circular connector (industrial connector)
Classification ETIM 6:	ETIM 6.0 Class-ID: EC002635 ETIM 6.0 Class-Description: Circular connector (industrial connector)
Rated voltage (V):	630 V (2 mm contacts) 250 V (1 mm contacts)
Rated impulse voltage:	6 kV (2 mm contacts) 4 kV (1 mm contacts)
Rated current (A):	26A/3+PE+4, 25A/5+PE (2mm contacts) 7 A (1 mm contacts)
Pollution degree:	3
Contact resistance:	< 4 mOhm
Contacts:	Gold-plated brass
Number of contacts:	3+PE+4(2mm/1mm) 5+PE(2mm)
Termination methods:	Crimp termination: 0.5 - 2.5 mm^2 (2 mm contacts) Crimp termination: 0.14 - 1.0 mm^2 (1 mm contacts)
Material:	Housing: nickel-plated zinc die-casting, nickel-plated brass Insert: PA, Seal: FPM
Protection rating:	IP68 (10h/1m)
Cycle of mechanical operation:	500
VDE-tested:	Certified production control: VDE-REG. no. B25 UL File Number: E249137
Temperature range:	-25°C up to +125°C

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Note
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PRODUCT INFORMATION

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Article number	Article description	Contacts included	Clamping range in mm	Fastening type	Pin configuration	Packaging unit
Type LS1 A6, front wall mounting, 6-pin, for female contacts						
76083000	LS1 A6	6	-	Ø 2.7 mm (4x)	5+PE	5
Type LS1 A6, front wall mounting, 8-pin, for female contacts						
76084000	LS1 A6	8	-	Ø 2.7 mm (4x)	3+PE+4	5

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