Valid from:

18.09.2020

EPIC® POWER LS1 KIT A1 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 Kontakte)
Rated impulse voltage	6 kV (2mm Contacts)
	4 kV (1mm Kontakte)
Rated current (A)	26 A/3+PE+4 (2mm Contacts)
	7 A (1mm Kontakte)
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 mm ² (2 mm contacts)
Termination methods	Crimp termination: 0.14 - 1.0 mm ² (1 mm contacts)
Cable clamping range	Ø 2,7 mm (4x)
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, nickel-plated brass
Insert	PA

FPM

Approvals

Seal

VDE-Approval, VDE-REGNr.	B025
UL-File-Number	E249137

Standard

Safety Standard

IEC 61984; UL 2238; CSA 22.2 182.3



	Creator: STKU3/PDP Released: IVSE1/PDP	Document: DB75009695EN Version: 01	Page 1 of 3
	Released. IVSLI/I DI		
We reserve all rights according to DIN ISO 16016.			

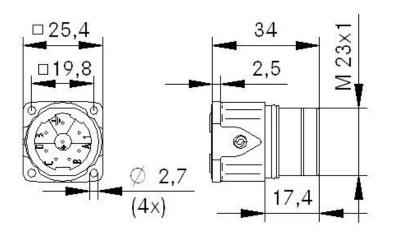
Valid from:



18.09.2020

EPIC® POWER LS1 KIT A1 3+PE+4

Technical Drawings





Good chemical resistance



Corrosion-resistant



Industrial machinery and plant engineering



Maximum vibration protection



Mechanical resistance



Assembly time

Creator: STKU3/PDP	Document: DB75009695EN	Deers 2 of 2
Released: IVSE1/PDP	Version: 01	Page 2 of 3
We reserve all rights according to DIN ISO 16016		

Valid from: 18.09.2020

EPIC® POWER LS1 KIT A1 3+PE+4





Space requirement





Waterproof

Robust



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.

Creator: STKU3/PDP	Document: DB75009695EN	Page 3 of 3
Released: IVSE1/PDP	Version: 01	Fage 3 01 3
We reserve all rights according to DIN ISO 16016		