

44429348	DATA SHEET	
Valid from: 17.09.2018	EPIC® LS3 F6	

Description

- Circular connectors for servomotors and power supply
- More power for servo motors
- Robust against mechanical impacts
- EMC protection



General Characteristics

Series	LS 3
Version	for male contacts
Pin configuration	3+PE+2 / 3+PE+4
Rated voltage (V)	630 V (10 mm Contacts) 250 V (1,6 mm Contacts)
Rated impulse voltage	6 kV (10 mm Contacts) 4 kV (1,6 mm Contacts)
Rated current (A)	70 A (10 mm contacts) at 25 °C 30 A (1,6 mm contacts) at 25 °C
Contacts	Silver plated brass Gold plated brass
Number of contacts	3+PE+2 / 3+PE+4
Termination methods	Crimp termination: 10 - 50 mm ² (10 mm contacts) Crimp termination: 0.75 - 1,5 mm ² (1,6 mm contacts)
Protection	IP 67
Cycle of mechanical operation	50
Temperature range	-20°C to +125°C
Degree of soiling	3

Product Variations

Article- Number	Article	Clamping range	Pin configuration
Type LS 3 F6 for male contacts			
44429348	LS3 F6	17 - 25	3+PE+2
44429349	LS3 F6	25 - 36	3+PE+2
44429350	LS3 F6	17 - 25	3+PE+4
44429351	LS3 F6	25 - 36	3+PE+4

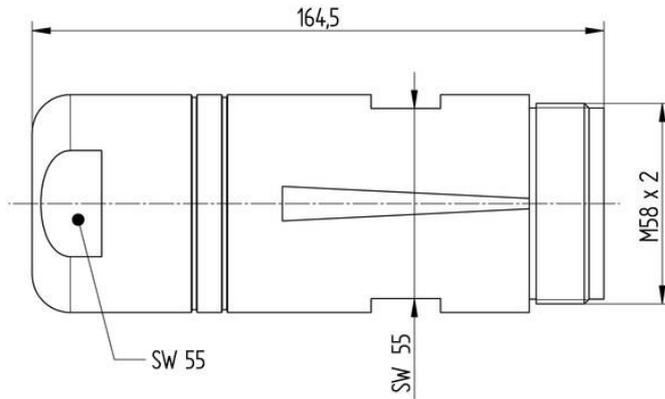
Materials and Surfaces

Housing	Anodised aluminium
Insert	PA
Seal	FPM

Creator: MANA2/PDP Released: IVSE1/PDP	Document: DB44429348EN Version: 01	Page 1 of 2
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Technical Drawing



Robust



Reliability



Waterproof

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.

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