#### **DATA SHEET** 44429352 Valid from: **EPIC® LS3 A1**



### Description

12.04.2023

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



#### **General Characteristics**

Series LS<sub>3</sub>

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) 6 kV (10 mm Contacts)

Rated impulse voltage

4 kV (1,6 mm Contacts)

Rated current (A) 150 A (10 mm contacts) at 25 °C

12 A (1,6 mm contacts) at 25 °C

Contacts Silver plated brass

Gold plated brass

Number of contacts 3+PE+2 / 3+PE+4

Crimp termination: 10 - 50 mm<sup>2</sup> (10 mm contacts) Termination methods

Crimp termination: 0.75 - 1,5 mm<sup>2</sup> (1,6 mm contacts)

Protection IP 67 Cycle of mechanical operation 50

-40°C to +125°C Temperature range

Degree of soiling 3

#### **Product Variations**

Article- Number	Article	Fastening type	Pin configuration				
Type LS 3 A1 for male contacts							
44429352	LS3 A1	Ø4,2mm (4x)	3+PE+2				
44429353	LS3 A1	Ø4,2mm (4x)	3+PE+4				

#### **Materials and Surfaces**

Anodised aluminium Housing

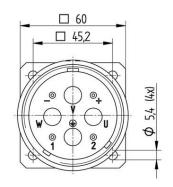
Insert PA FPM Seal

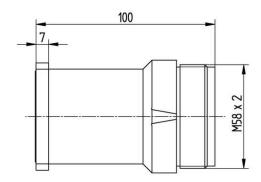
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# **Technical Drawings**







Robust



Reliability



Waterproof

### Info

Robust power supply connector

## **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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