

EPIC® SOLAR 4Plus F

Connector system for weatherproof cabling of photovoltaic systems

EPIC® SOLAR 4Plus M

Info

4 mm connector system with double hook

For photovoltaic plants up to 1.5kV system voltage

Made in Germany



Solar Energy



Suitable for outdoor use



Voltage



Temperature-resistant



UV-resistant



Waterproof



Benefits

Low contact-resistance for efficient power transmission

Crimp connection for reliable field mounting

Suitable for various ÖLFLEX® SOLAR cables

Last Update (23.04.2024)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Reliable connection, only possible to unlock with a tool, according NEC standard
TUEV tested according IEC 62852: Connectors for DC-application in photovoltaic systems

Application range

Photovoltaic plants
Crystalline and thin-film constructions
Solartracker

Product features

4 mm connector system with double hook
10mm² maximum crimp connection for high currents and long cables
1,500 V system voltage for modern photovoltaic plants with huge power
TUEV Rheinland certificate no.:
R 60134622

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):	1.5 kV
Rated impulse voltage:	16 kV
Pollution degree:	3
Flammability:	UL94 V-0
Contact resistance:	< 0.5 mOhm
Material:	PA Polyamid
Protection rating:	IP68 (10h/1m)
Cycle of mechanical operation:	100
Protection class:	II
Temperature range:	-40°C to +105°C

Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Article designation	Cross-section (mm ²)	Clamping range in mm	Rated current (A)	PU
EPIC® SOLAR 4Plus female field-mountable, inclusive contacts					
44428234	EPIC® SOLAR 4Plus F 2.5mm ²	2.5	5.2 - 7.1	22	100
44428236	EPIC® SOLAR 4Plus F 4mm ² ... 6mm ²	4 - 6	5.2 - 7.1	30	100
44428238	EPIC® SOLAR 4Plus F 10mm ²	10	5.2 - 7.1	35	100
EPIC® SOLAR 4Plus female contacts as spare part					
44428218	EPIC® SOLAR 4Plus PIN F 2.5mm ²	2.5	-	-	100
44428220	EPIC® SOLAR 4Plus PIN F 4mm ² ... 6mm ²	4.0 - 6.0	-	-	100
44428240	EPIC® SOLAR 4Plus PIN F 10mm ²	10	-	-	100

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