



## EPIC® SOLAR 4Plus M

Connector system for weatherproof cabling of photovoltaic systems



**Info**

- 4 mm connector system with double hook
- For photovoltaic plants up to 1.5 kV system voltage

## EPIC® SOLAR 4Plus F

Connector system for weatherproof cabling of photovoltaic systems



**Info**

- 4 mm connector system with double hook
- For photovoltaic plants up to 1.5 kV system voltage

### Benefits

- Low contact-resistance for efficient power transmission
- Crimp connection for reliable field mounting
- Suitable for various ÖLFLEX® SOLAR cables
- Reliable connection, only possible to unlock with a tool, according to NEC standard
- Tested according to 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
- 10 mm<sup>2</sup> maximum crimp connection for high currents and long cables
- 1500 V system voltage for modern photovoltaic plants with huge power

### Technical data

	<b>Classification ETIM 5/6</b> ETIM 5.0/6.0 Class-ID: EC002635 ETIM 5.0/6.0 Class-Description: Circular connector (industrial connector)	<b>Contact resistance</b> < 0.5 mOhm
	<b>Rated voltage (V)</b> 1.5 kV	<b>Protection rating</b> IP68 (10h/1m)
	<b>Rated impulse voltage</b> 16 kV	<b>Cycle of mechanical operation</b> 100
	<b>Pollution degree</b> 3	<b>Protection class</b> II
		<b>Temperature range</b> -40°C to +105°C

### Suitable cables

- H1Z2Z2-K
- ÖLFLEX® SOLAR XLWP
- ÖLFLEX® SOLAR XLS-R
- ÖLFLEX® SOLAR XLR-E

### Suitable tools

- EPIC® SOLAR TOOL

### Suitable connectors

- EPIC® SOLAR 4 Splitter

Article number	Article designation	Cross-section (mm <sup>2</sup> )	Clamping range (in mm)	Rated current (A)	PU
<b>EPIC® SOLAR 4Plus male field-mountable, inclusive contacts</b>					
44428233	EPIC® SOLAR 4Plus M 2.5 mm <sup>2</sup>	2.5	5.2 – 7.1	22	100
44428235	EPIC® SOLAR 4Plus M 4 mm <sup>2</sup> ... 6 mm <sup>2</sup>	4 – 6	5.2 – 7.1	30	100
44428237	EPIC® SOLAR 4Plus M 10 mm <sup>2</sup>	10	5.2 – 7.1	35	100
<b>EPIC® SOLAR 4Plus male contacts as spare part</b>					
44428217	EPIC® SOLAR 4Plus PIN M 2.5 mm <sup>2</sup>	2.5	–	–	100
44428219	EPIC® SOLAR 4Plus PIN M 4 mm <sup>2</sup> ... 6 mm <sup>2</sup>	4 – 6	–	–	100
44428239	EPIC® SOLAR 4Plus PIN M 10 mm <sup>2</sup>	10	–	–	100
<b>EPIC® SOLAR 4Plus female field-mountable, inclusive contacts</b>					
44428234	EPIC® SOLAR 4Plus F 2.5 mm <sup>2</sup>	2.5	5.2 – 7.1	22	100
44428236	EPIC® SOLAR 4Plus F 4 mm <sup>2</sup> ... 6 mm <sup>2</sup>	4 – 6	5.2 – 7.1	30	100
44428238	EPIC® SOLAR 4Plus F 10 mm <sup>2</sup>	10	5.2 – 7.1	35	100
<b>EPIC® SOLAR 4Plus female contacts as spare part</b>					
44428218	EPIC® SOLAR 4Plus PIN F 2.5 mm <sup>2</sup>	2.5	–	–	100
44428220	EPIC® SOLAR 4Plus PIN F 4 mm <sup>2</sup> ... 6 mm <sup>2</sup>	4 – 6	–	–	100
44428240	EPIC® SOLAR 4Plus PIN F 10 mm <sup>2</sup>	10	–	–	100

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