

44428235	DATA SHEET	
Valid from: 08.12.2022	EPIC® SOLAR 4 PLUS MALE CONNECTOR	

Description

- Low contact-resistance for efficient power transmission
- Crimp connection for field mounting
- Suitable for EPIC® SOLAR 4 Plus Female Connector and:

PV Cable

Name

Code

Cross Section

LAPP KABEL H1Z2Z2-K

H1Z2Z2-K

4,0mm² ; 6,0mm² ; 10,0mm²



General Characteristics

Series	EPIC® SOLAR 4 Plus
Rated voltage (V)	1500 V AC/DC
Rated impulse voltage	16 kV
Contact resistance	< 0.5 mOhm
Protection	IP 68, (10 h/1m)
Protection class	II
Temperature range	-40°C to +85°C
Degree of soiling	3
Upper Limit Temperature	105°C

Materials and Surfaces

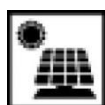
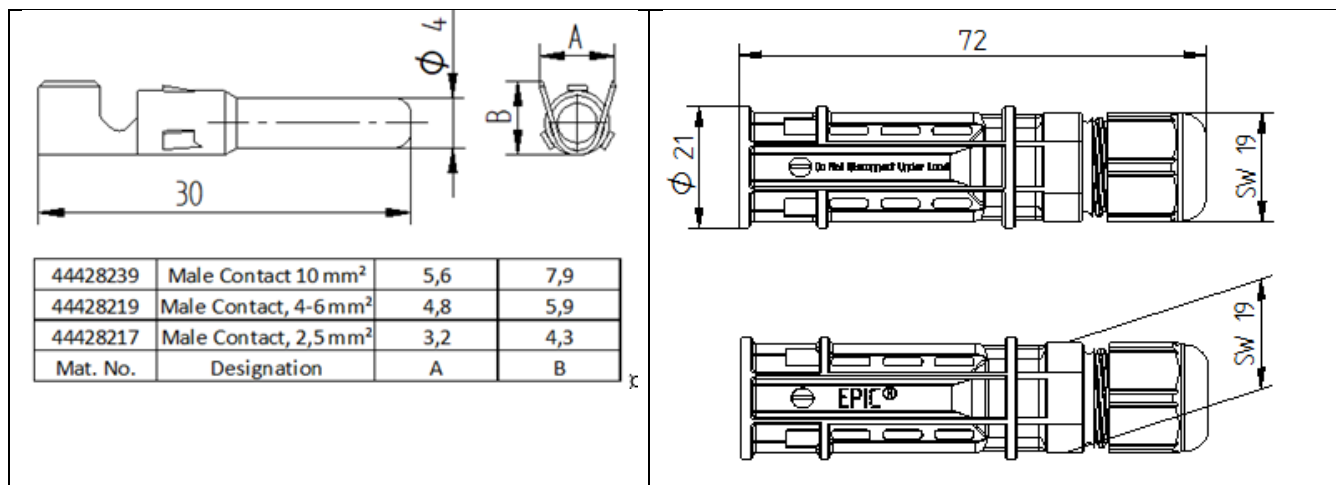
Insulating Body	Polyamid
Nut	Polyamid
Contact	Copper alloy, tin plated

Article Number	Article	Cross section [mm ²]	Cable clamping range [mm]	Rated current [A]
EPIC® SOLAR 4 Plus male field-mountable, inclusive contacts				
44428233	EPIC® SOLAR 4 Plus M 2,5 mm	2,5	5,2 - 7,1	22
44428235	EPIC® SOLAR 4 Plus M 4 mm ² - 6 mm ²	4 - 6	5,2 - 7,1	30
44428237	EPIC® SOLAR 4 Plus M 10 mm ²	10	5,2 - 7,1	30
EPIC® SOLAR 4 Plus male contacts as spare part				
44428217	EPIC® SOLAR 4 Plus PIN M 2,5 mm ²	2,5		
44428219	EPIC® SOLAR 4 Plus PIN M 4-6 mm ²	4 - 6		
44428239	EPIC® SOLAR 4 Plus PIN M 10 mm ²	10		

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Technical Drawings



Solar Energy



UV-resistant



Waterproof

Info

4 mm connector system with double hook
Field-mountable solar connector

Application range

Photovoltaic plants
Crystalline and thin-film constructions
Solartracker

Product features

4 mm connector system with double hook
Inclusive contacts

Remark

Photographs are not to scale and do not represent detailed images of the respective products.

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