

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

LAPP KABEL H1Z2Z2-K

Code

H1Z2Z2-K

Cross Section

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

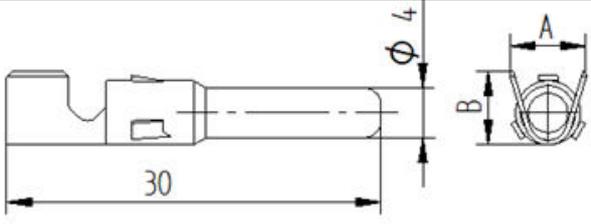
Insulating Body	Polyamid
Nut	Polyamid
Contact	Copper alloy, tin plated

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		

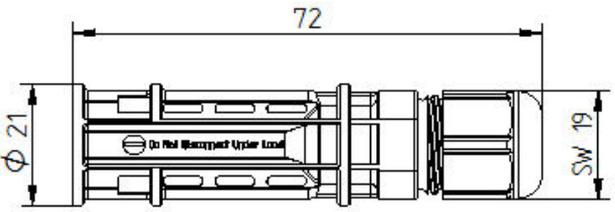
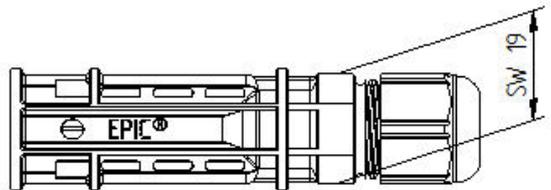
Creator: JOKR1/PDP Released: DAMU1/PDP	Document: DB44428235EN Version: 02	Page 1 of 2
---	---------------------------------------	-------------

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

Technical Drawings



44428239	Male Contact 10 mm ²	5,6	7,9
44428219	Male Contact, 4-6 mm ²	4,8	5,9
44428217	Male Contact, 2,5 mm ²	3,2	4,3
Mat. No.	Designation	A	B



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111217275



-  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.

Creator: JOKR1/PDP Released: DAMU1/PDP	Document: DB44428235EN Version: 02	Page 2 of 2
---	---------------------------------------	-------------