


Connector - PV-C4F-S 2,5-6 (+) - 1020776

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Photovoltaic connector, Range of articles: Sunclix, Connector, housing material: PPE, color: black, number of positions: 1, min. conductor cross section: 2.5 mm², max. conductor cross section: 6 mm², rated voltage: 1500 V DC, rated current: 35 A, Connection method: Spring-cage, Type of contact: Socket, min. cable diameter: 5 mm, max. cable diameter: 8 mm

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 055626 511535
GTIN	4055626511535
Weight per Piece (excluding packing)	16.400 g
Custom tariff number	85359000
Country of origin	India

Technical data

Item properties

Range of articles	Sunclix
Brief article description	Connector
Product feature	DC connector, 1-pos., socket (+)
Color	black
Connection method	Spring-cage
Type of contact	Socket
Number of positions	1
Head GRP	Kabelklemmung

Product dimensions

Connector - PV-C4F-S 2,5-6 (+) - 1020776

Technical data

Product dimensions

Width	20 mm
Height	20 mm
Length	82 mm

Rated current	35 A (in accordance with IEC 62852:2014-11)
	30 A (in accordance with IEC 62852:2014-11)
	20 A (in accordance with IEC 62852:2014-11)
	30 A (in accordance with UL 6703)
	35 A (in accordance with UL 6703)
Rated voltage	50 A (in accordance with UL 6703)
	1500 V DCII 2 (in accordance with IEC 62852)
	1500 V DC (in accordance with UL 6703)
Protection class	II

Connection data

Min. wire cross section	2.5 mm ²
Max. wire cross section	6 mm ²
Min. wire cross section	14 AWG
Max. wire cross section	10 AWG
Cable diameter	5 mm ... 8 mm
Stripping length of the individual wire	15 mm
Torque	2 Nm ±0.1 Nm (Cable gland)

Environmental data

Ambient temperature (operation)	-40 °C ... 85 °C (dependent on the derating curve)
Ambient temperature (assembly)	-5 °C ... 50 °C
Limiting temperatures_GRP	105.00 °C

Mechanical tests

Insertion force	45 N ±10 N
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Service life tests

Degree of protection	IP66 / IP68 (2 m / 24 h)
Insertion/withdrawal cycles	100

Contact material_GRP	Cu alloy silver-plated
Flammability rating according to UL 94	V0
Halogen-free	yes

Detail specification

Detail specification	IEC 62852
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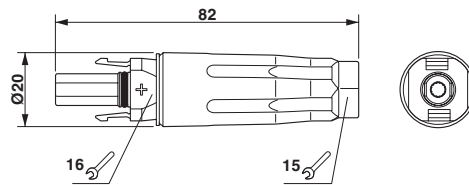
Technical data

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440109
eCl@ss 11.0	27440109
eCl@ss 9.0	27440103

ETIM

ETIM 6.0	EC002061
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UNSPSC

UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Accessories

Accessories

Photovoltaic connector

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Accessories

Protective cap - PV-C PROTECTION CAP - 1785430



Photovoltaic connector, Range of articles: Sunclix, Protective cap, color: black. self-sealing, without interlock, set consisting of: 1 protective cap for connector side and 1 protective cap for coupling side

Filler plugs - PV-C-PLUG-HV - 1623478



Photovoltaic connector, Range of articles: Sunclix, Filler plugs, housing material: PA 6

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Stripping tool

Stripping pliers - QUICK WIREFOX 6 SC - 1207637



Stripping tool for short-circuit proof conductors, stripping range: 1.5 up to 6 mm², wire cutting up to 6 mm² cable stopper up to 18 mm²

Stripping tool - WIREFOX-D SR 6-1 - 1212511



Stripping tool, for standard 2.5, 4, and 6 mm² solar cables, with 15 mm length stop, for SUNCLIX field connectors

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Accessories

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