

## Photovoltaic connector - PV-FT-C3F-HSG - 1628353

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Panel feed-through, Range of articles: Sunclix, Photovoltaic connector, housing material: PPE, color: black, number of positions: 1, rated voltage: 1500, Connection method: Crimp, Type of contact: Socket



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 055626 428017
GTIN	4055626428017
Weight per Piece (excluding packing)	4.000 g
Custom tariff number	85359000
Country of origin	Germany

### Technical data

#### Item properties

Range of articles	Sunclix
Brief article description	Photovoltaic connector
Color	black
Connection method	Crimp
Type of contact	Socket
Number of positions	1

#### Product dimensions

Width	18.6 mm
Height	18.6 mm

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## Technical data

### Product dimensions

Length	43.2 mm
Rated voltage	1500 (DC voltage)
Protection class	II

### Connection data

Stripping length of the individual wire	8 mm
Torque	1.8 Nm $\pm$ 0.1 Nm

### Environmental data

Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (assembly)	-25 °C ... 50 °C

### Mechanical tests

Insertion force	45 N $\pm$ 10 N
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### Service life tests

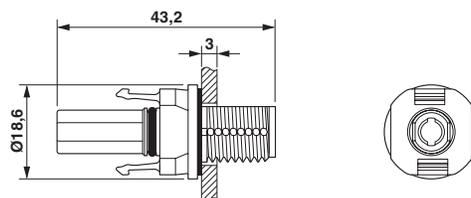
Degree of protection	IP20
Insertion/withdrawal cycles	100
Contact surface material	Ag
Contact material	Cu

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



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## Classifications

### eCl@ss

eCl@ss 10.0.1	27440107
eCl@ss 11.0	27440107
eCl@ss 9.0	27440107

### ETIM

ETIM 6.0	EC002061
ETIM 7.0	EC002635

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

UL Recognized / EAC

#### Ex Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E477377-20170317
Nominal voltage UN	1500 V		
Nominal current IN	50 A		
mm <sup>2</sup> /AWG/kcmil	14-10		

EAC		B.01687
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## Photovoltaic connector - PV-FT-C3F-HSG - 1628353

### Accessories

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#### Crimping tool

Crimping pliers - CRIMPFOX-P SR 6 - 1212755



Crimping pliers, for SUNCLIX solar crimp connectors 2.5 ... 6 mm<sup>2</sup>, unlockable pressure lock, precise parallel crimping, lateral entry, B crimp, incl. positioning tool

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### Panel feed-through

Nut - PV-FT-C NUT BK - 1775880



Panel feed-through, Range of articles: Sunclix, Nut, number of positions: 0

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Device connector, front mounting - PV-FT-CCM-6-R1000 - 1704928



Panel feed-through, Range of articles: Sunclix, Device connector, front mounting, number of positions: 1, min. conductor cross section: 6 mm<sup>2</sup>, Connection method: Crimp, Type of contact: Pin

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Device connector, front mounting - PV-FT-CCM-2,5-4-R1000 - 1704927



Panel feed-through, Range of articles: Sunclix, Device connector, front mounting, min. conductor cross section: 2.5 mm<sup>2</sup>, max. conductor cross section: 4 mm<sup>2</sup>, rated current: 27 A, Connection method: Crimp, Type of contact: Pin

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### 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

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### Universal tools

Tool - UNIFOX SR 6 - 1200137



Mounting pliers for snapping the SUNCLIX crimp contacts into the plastic housing, curved 35°, suitable for a conductor diameter of 4.2 mm ... 6.0 mm.