

## Crimp contact - PV-FT-CCF-6-R1000 - 1704931

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Photovoltaic connector, Nom. voltage: 1500 V, Connection type: Crimp



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	1000 STK
Custom tariff number	85359000
Country of origin	Germany

### Technical data

#### Ambient conditions

Degree of protection (when plugged in)	IP66 / IP68 (2 m / 24 h)
Degree of protection (not plugged in)	IP20
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (assembly)	-25 °C ... 50 °C

#### General

Design	Socket
Insertion force	45 N ±10 N
Rated voltage	1500 V
Rated current (6.0 mm <sup>2</sup> )	40 A

#### Material

Contact material	Cu
Contact surface material	Ag
Flammability rating according to UL 94	V0

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## Technical data

### Connection data

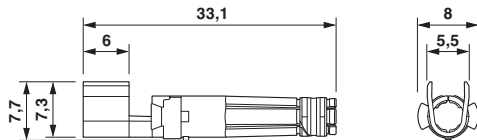
Connection method	Crimp
Connection capacity	6 mm <sup>2</sup>
Contact resistance with connected conductor	0.45 mΩ

### Standards and Regulations

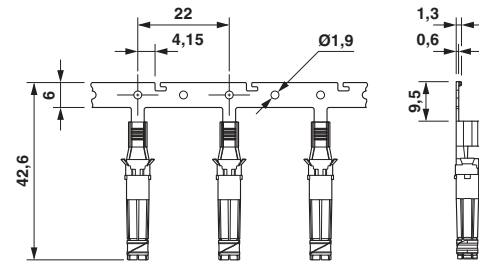
Flammability rating according to UL 94	V0
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## Drawings

Dimensional drawing



Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	21089113
eCl@ss 6.0	21089113
eCl@ss 7.0	21089113
eCl@ss 8.0	27440204
eCl@ss 9.0	27440204

### ETIM

ETIM 3.0	EC000104
ETIM 4.0	EC000104
ETIM 5.0	EC000796

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501

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## Classifications

### UNSPSC

UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

## Approvals

### Approvals


#### Approvals

EAC / VDE approval of drawings

#### Ex Approvals

## Approval details

EAC B.01742
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VDE approval of drawings  <a href="http://www.vde.de">http://www.vde.de</a> 40031807	
mm <sup>2</sup> /AWG/kcmil	2.5
Nominal current I <sub>N</sub>	27 A
Nominal voltage U <sub>N</sub>	1500 V

## Accessories

### Accessories

#### 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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### Accessories

#### Flat nut

Nut - PV-FT-C NUT BK - 1775880



Nut for securing SUNCLIX panel feed-throughs to housing. NB: This nut must always be ordered separately.

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#### Photovoltaic connector

Photovoltaic connector - PV-FT-C2F-HSG - 1704926



Photovoltaic device connectors, Nom. voltage: 1500 V, Connection type: Crimp, Color: black, Can only be released using a tool

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#### Protective cap

Protective cap - PV-C PROTECTION CAP - 1785430

Protective cap for SUNCLIX photovoltaic connector; transport protection for the mating face.



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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.