

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 ²)	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

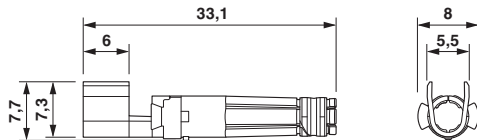
Connection method	Crimp
Connection capacity	6 mm ²
Contact resistance with connected conductor	0.45 mΩ

Standards and Regulations

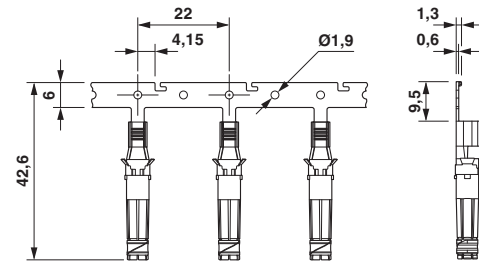
Flammability rating according to UL 94	V0
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Drawings

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

VDE approval of drawings  http://www.vde.de 40031807	
mm ² /AWG/kcmil	2.5
Nominal current I _N	27 A
Nominal voltage U _N	1500 V

Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX-P SR 6 - 1212755



Crimping pliers, for SUNCLIX solar crimp connectors 2.5 ... 6 mm², 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.

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

Protective cap

Protective cap - PV-C PROTECTION CAP - 1785430



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

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.