

Photovoltaic connector - PV-FT-C3M-HSG - 1628352

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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: Pin



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 055626 428000
GTIN	4055626428000
Weight per Piece (excluding packing)	7.600 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	Pin
Number of positions	1

Product dimensions

Width	27.4 mm
Height	20 mm

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Technical data

Product dimensions

Length	41.5 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

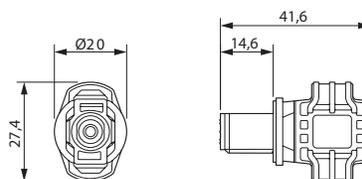
Degree of protection	IP20
Insertion/withdrawal cycles	100
Contact surface material	Ag
Contact material	Cu

Environmental Product Compliance

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

Drawings

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440107
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Classifications

eCl@ss

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		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E477377-20170317
Nominal voltage UN	1500 V		
Nominal current IN	50 A		
mm ² /AWG/kcmil	14-10		

EAC		B.01687
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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

Panel feed-through

Nut - PV-FT-C NUT BK - 1775880



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

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 mm², Connection method: Crimp, Type of contact: Pin

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 mm², max. conductor cross section: 4 mm², rated current: 27 A, Connection method: Crimp, Type of contact: Pin

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

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.