

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 |
|-----------------|-----------------|

Service life tests

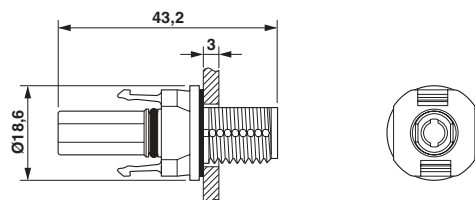
| | |
|-----------------------------|------|
| Degree of protection | IP20 |
| Insertion/withdrawal cycles | 100 |
| Contact surface material | Ag |
| Contact material | Cu |

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 |  | 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.