

PV-C-M/F-PRO/F-1500/30-EU-SPR - Fuse plug



1623413

<https://www.phoenixcontact.com/us/products/1623413>

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Fuse connector for protecting modules and devices in photovoltaic systems, black, SUNCLIX pin connector pattern, 1500 V/30 A, IP68 (24 h/2 m)

SUNCLIX fuse connector, in the version for 1500 V system voltage

Product description

SUNCLIX fuse connector for 1500 V system voltage, fuse-link nominal current of 30 A, EU version, version with spacer for better heat dissipation when bundling

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1623413 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB02 |
| Product key | ABLBEA |
| GTIN | 4055626142210 |
| Weight per piece (including packing) | 88.97 g |
| Weight per piece (excluding packing) | 22.22 g |
| Customs tariff number | 85354000 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|----------------|-------------------------|
| Product type | Photovoltaic connectors |
| Product family | SUNCLIX |


Insulation characteristics

| | |
|---------------------|---|
| Degree of pollution | 2 |
|---------------------|---|

Electrical properties

| | |
|------------------------------|--|
| Rated voltage (II/2) | 1000 V |
| Rated voltage (III/2) | 1500 V |
| Rated surge voltage (II/2) | 12 kV |
| Rated surge voltage (III/2) | 16 kV |
| Rated surge voltage (III/3) | 12 kV |
| Fuse-link nominal current | 30 A DC (Nominal current of the fuse-link) |
| Fuse adapter nominal current | 25 A DC |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 24 mm |
| Height | 26.4 mm |
| Length | 220.8 mm |

Material specifications

| | |
|--|-------------------|
| Color of the housing part | black |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I / CTI 600 |
| Housing material | PPE |
| Contact material | Cu |
| Contact surface material | Ag |
| Contact carrier material | PPE |
| O-ring material | Silopren LSR 2660 |

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------------|
| Degree of protection (when plugged in) | IP66/IP68 (2 m / 24 h) |
| Degree of protection | IP66/IP68 (2 m / 24 h) |
| Ambient temperature (operation) (male connector/female) | -40 °C ... 50 °C |

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connector)

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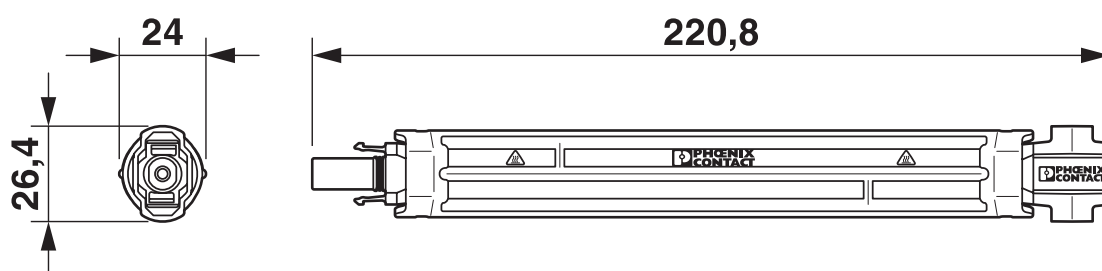


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Drawings

Dimensional drawing



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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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