

PV-PRO/OE-200/F-1000/3.5 - Fuse plug



1220829

<https://www.phoenixcontact.com/us/products/1220829>

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Fuse plug, Range of articles: SUNCLIX, color: black, min. conductor cross-section: 6 mm², max. conductor cross-section: 6 mm², rated voltage: 1000 V DC (bis 4000m ü. NN), rated current: 3.5 A, Connection method: open cable end, min. cable diameter: 5.8 mm, max. cable diameter: 6.4 mm, SUNCLIX fuse element for protecting panels and devices in photovoltaic systems

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1220829 |
| Packing unit | 8 pc |
| Minimum order quantity | 8 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB02 |
| Product key | ABLBEA |
| GTIN | 4063151307646 |
| Weight per piece (including packing) | 99.16 g |
| Weight per piece (excluding packing) | 98.951 g |
| Customs tariff number | 85363010 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|----------------|---------|
| Product type | Fuse |
| Product family | SUNCLIX |

Insulation characteristics

| | |
|---------------------|----|
| Protection class | II |
| Degree of pollution | 2 |

Electrical properties

| | |
|------------------------------|---|
| Rated voltage (III/2) | 1000 V |
| Rated voltage | 1000 V DC (bis 4000m ü. NN) |
| Rated surge voltage | 12 kV |
| Fuse adapter nominal current | 3.5 A DC (Nominal current of the item) |
| Fuse-link nominal current | 3.5 A DC (Nominal current of the fuse-link) |

Connection data

| | |
|-------------------|----------------|
| Connection method | open cable end |
|-------------------|----------------|

Material specifications

| | |
|--|-------|
| Color | black |
| Flammability rating according to UL 94 | V0 |

Cable/line

| | |
|----------------------------|-------------------------------------|
| Cable type | H1Z2Z2-K |
| External cable diameter | 5.8 mm ... 6.4 mm |
| Single wire, cross section | 6 mm ² 6 mm ² |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|--|
| Degree of protection | IP66/IP68 (2 m / 24 h) |
| Ambient temperature (operation) | -40 °C ... 75 °C (Depending on the current carrying capacity/derating curve) |
| Ambient temperature (assembly) | -25 °C ... 50 °C |

Standards and regulations

| | |
|--------------------------|--------------------|
| Standards/specifications | 2 PfG 2380-2014-02 |
| Note | in progress |

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Classifications

ECLASS

ECLASS-13.0

27440190

ETIM

ETIM 9.0

EC002943

UNSPSC

UNSPSC 21.0

39121400

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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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