

# PV-PRO/OE-200/F-1000/25 - Fuse plug



1220823

<https://www.phoenixcontact.com/us/products/1220823>

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Fuse plug, Range of articles: SUNCLIX, color: black, min. conductor cross-section: 6 mm<sup>2</sup>, max. conductor cross-section: 6 mm<sup>2</sup>, rated voltage: 1000 V DC (bis 4000m ü. NN), rated current: 25 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	1220823
Packing unit	8 pc
Minimum order quantity	8 pc
Note	Made to order (non-returnable)
Sales key	AB02
Product key	ABLBEA
GTIN	4063151305659
Weight per piece (including packing)	101 g
Weight per piece (excluding packing)	99.621 g
Customs tariff number	85363030
Country of origin	PL

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## Technical data

### Notes

General	SUNCLIX fuse element for protecting panels and devices in photovoltaic systems
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### 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	25 A DC (Nominal current of the item)
Fuse-link nominal current	30 A DC (Nominal current of the fuse-link)

### Connection data

Connection method	open cable end
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### 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 <sup>2</sup> 6 mm <sup>2</sup>

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP66/IP68 (2 m / 24 h)
Ambient temperature (operation)	-40 °C ... 55 °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
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### 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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