

PV-PRO/M/F-200/F-1500/3.7 - Fuse plug



1220814

<https://www.phoenixcontact.com/us/products/1220814>

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Fuse plug, Range of articles: SUNCLIX, color: black, rated voltage: 1500 V DC (bis 4000m ü. NN), rated current: 3.7 A, Connection method: SUNCLIX PV connector, SUNCLIX fuse element for protecting panels and devices in photovoltaic systems

Commercial data

Item number	1220814
Packing unit	8 pc
Minimum order quantity	8 pc
Note	Made to order (non-returnable)
Sales key	AB02
Product key	ABLBEA
GTIN	4063151308209
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	139.45 g
Customs tariff number	85354000
Country of origin	PL

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)	1500 V
Rated voltage	1500 V DC (bis 4000m ü. NN)
Rated surge voltage	16 kV
Fuse adapter nominal current	3.7 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	SUNCLIX PV connector
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Material specifications

Color	black
Flammability rating according to UL 94	V0

Cable/line

Cable type	H1Z2Z2-K
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Mechanical properties

Mechanical data

Insertion force	45 N ±10 N
Withdrawal force	250 N ±100 N

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66/IP68 (2 m / 24 h)
Ambient temperature (operation)	-40 °C ... 65 °C (Deviating ambient temperatures possible depending on the current carrying capacity/derating curve)
Ambient temperature (assembly)	-25 °C ... 50 °C

Standards and regulations

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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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com