

PV-CF-P 2,5(+) - Connector



1795323

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Photovoltaic connector, nominal current: 15 A, nom. voltage: 1000 V, connection method: Pierce connection, color: black. Only with Huber & Suhner RADOX® Solar (TÜV) solar cable

Commercial data

Item number	1795323
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB02
Product key	ABLBBB
GTIN	4046356651196
Weight per piece (including packing)	4.962 g
Weight per piece (excluding packing)	4.325 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Photovoltaic connectors
Product family	SUNCLIX

Insulation characteristics

Protection class	II
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Electrical properties

Rated voltage (III/2)	1000 V
Rated surge voltage (III/2)	10 kV
Rated surge voltage (III/3)	8 kV
Rated current (2.5 mm ²)	15 A
Contact resistance	0.3 mΩ

Connection data

Connection method	Pierce connection
Stripping length	10 mm

Material specifications

Color	black
Flammability rating according to UL 94	V0
Insulating material	mPPE
Contact surface	Gold Au
Contact material	Cu
Contact surface material	Ag

Cable/line

Cable type	PV1-F cables
External cable diameter	5.05 mm ... 5.35 mm
Single wire, cross section	2.5 mm ² 2.5 mm ²
Cable pull-out force	> 190 N

Mechanical properties

Mechanical data

Insertion force	40 N ±5 N
Withdrawal force	170 N ±5 N

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP67
Degree of protection	IP67

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Ambient temperature (operation) (male connector/female connector)	-40 °C ... 85 °C
Ambient temperature (assembly)	-25 °C ... 50 °C

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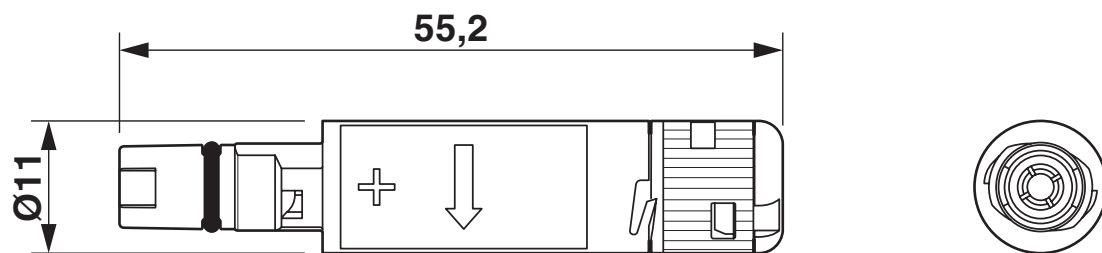
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Drawings

Dimensional drawing



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Classifications

ECLASS

ECLASS-13.0	27440107
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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-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

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