

PV-CF-P 2,5(+)

Order No.: 1795323

<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1795323>

Photovoltaic connector, Nominal current: 15 A, Nom. voltage: 1000 V,
Connection type: Pierce connection, Color: black

Commercial data

EAN	4 046356 651196
Pack	50
Customs tariff	85366990
Gross weight in pieces	2.22 g
Country of Origin	DE
Catalog page information	Page 426 (C-2-2013)

Product notes

WEEE/RoHS-compliant since:
14/02/2011



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions

External cable diameter	5.05 mm ... 5.35 mm
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Ambient conditions

Degree of protection (when plugged in)	IP67
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (assembly)	-25 °C ... 50 °C

General

Rated voltage	1000 V
Rated surge voltage	10 kV
Rated current (2.5 mm ²)	15 A
Nominal cross section	2.5 mm ²
Protection class	II

Material

Color	black
Insulating material	mPPE
Contact material	Cu
Contact surface material	Ag
Inflammability class according to UL 94	V0

Connection data

Connection method	Pierce connection
Connection capacity	2.5 mm ²
Contact resistance with connected conductor	0.3 mΩ
Stripping length	10 mm
Cable type	PV1-F cables

General

Design	Socket
Tightening torque nut	0.22 Nm ±0.03 N
Insertion force	40 N ±5 N
Disconnect force	170 N ±5 N
Pull-out force of cable >= disconnect force	> 190 N

Certificates



Certification

VDE Zeichengenehmigung

Certifications applied for:

Certification Ex:

Accessories

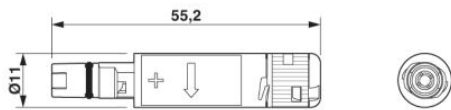
Item	Designation	Description
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Tools

1212511	WIREFOX-D SR 6-1	Stripping tool, for standard 2.5, 4, and 6 mm ² solar cables, with 15 mm length stop, for SUNCLIX field connectors
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Drawings

Dimensioned drawing



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