

Connector - PV-CF-P 2,5(+)- 1795323


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 046356 651196
Weight per Piece (excluding packing)	6.07 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

External cable diameter	5.05 mm ... 5.35 mm
-------------------------	---------------------

Ambient conditions

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

General

Design	Socket
Tightening torque nut	0.22 Nm ±0.03 Nm
Insertion force	40 N ±5 N
Disconnect force	170 N ±5 N
Pull-out force of cable >= disconnect force	> 190 N
Rated voltage	1000 V
Rated surge voltage	10 kV
Rated current (2.5 mm ²)	15 A
Nominal cross section	2.5 mm ²

Connector - PV-CF-P 2,5(+)-1795323

Technical data

General

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001239
ETIM 5.0	EC002635

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Connector - PV-CF-P 2,5(+)- 1795323

Approvals


Approvals

VDE Zeichengenehmigung / EAC

Ex Approvals

Approvals submitted

Approval details

VDE Zeichengenehmigung 	
mm ² /AWG/kcmil	2.5
Nominal current I _N	15 A
Nominal voltage U _N	1000 V

EAC

Accessories

Accessories

Stripping tool

Stripping tool - WIREFOX-D SR 6-1 - 1212511



Stripping tool, for standard 2.5, 4, and 6 mm² solar cables, with 15 mm length stop, for SUNCLIX field connectors

Drawings

Connector - PV-CF-P 2,5(+)- 1795323

Dimensional drawing

