

Connector - PV-CM-P 2,5(-) - 1795336

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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 651189
Weight per Piece (excluding packing)	4.24 g
Custom tariff number	85366990
Country of origin	Germany

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

Design	Male connector
Tightening torque nut	0.22 Nm $\pm$ 0.03 Nm
Insertion force	40 N $\pm$ 5 N
Disconnect force	170 N $\pm$ 5 N
Pull-out force of cable $\geq$ 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

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Technical data

General

Protection class	II
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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	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
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

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Approvals

Approvals

VDE Zeichengenehmigung / EAC

Ex Approvals

Approvals submitted

Approval details

VDE Zeichengenehmigung 	
mm²/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

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Dimensional drawing

