


PV-CM-P 2,5(-)

Order No.: 1795336

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1795336>Photovoltaic connector, Nominal current: 15 A, Nom. voltage: 1000 V,
Connection type: Pierce connection, Color: black**Commercial data**

EAN	 4 046356 651189
Pack	50 pcs.
Customs tariff	85366990
Gross weight in pieces	0.004244 KG
Net weight per piece (exclusive packing)	0.004244 KG

Product notesWEEE/RoHS-compliant since:
02/14/2011

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Technical data**Technical data**

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

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

Material properties

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
External cable diameter	5.05 mm ... 5.35 mm
Contact resistance with connected conductor	0.3 mΩ
Stripping length	10 mm
Cable type	PV1-F cables

General data

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

Certificates / Approvals

Certification

Certifications applied for:

Certification Ex:

Accessories

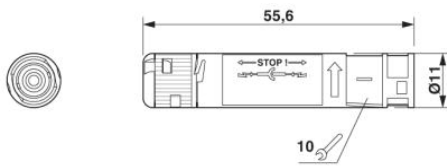
Item	Designation	Description
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Tools

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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Diagrams/Drawings

Dimensioned drawing



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