

PV-CF-S 2,5-6 (+)

Order No.: 1774674



<http://eshop.phoenixcontact.se/phoenix/treeViewClick.do?UID=1774674>

Photovoltaic connector, Nominal current: 40 A, Nom. voltage: 1100 V,
Connection type: Spring-cage conn., Color: black

Commercial data

EAN	 4 046356 480208
Pack	50
Customs tariff	85359000

Product notes

WEEE/RoHS-compliant since:
2008-12-15



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Technical data

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Rated voltage	1100 V
Rated surge voltage (III/2)	12 kV
Volume resistance	0.3 mΩ
Rated current	40 A (from 4 mm ² ; 27.5 A for 2.5 mm ²)
Rated cross-section	4 mm ²
Color	black

Protection class	II
Degree of protection	IP65/IP68 (2 m/24 h)
Inflammability class acc. to UL 94	V0
Ambient temperature (operation)	-40 °C ... 85 °C
Contact surface material	Ag
Insulating material	mPPE

Connection data

Type of connection	Spring-cage conn.
Stripping length	15 mm
Cable type	PV1-F cables
External cable diameter	5 mm ... 8 mm
Frequency of connections between conductors of the same cross section	10
Tightening torque, union nut	$\geq 2 \text{ Nm}$
Connector insertion force	50.00 N
Connector pull-out force	$> 200 \text{ N}$
Cable pull-out force	$> 300 \text{ N}$ for 4 mm^2
Conductor cross section stranded min.	2.5 mm^2
Conductor cross section stranded max.	6 mm^2

Certificates

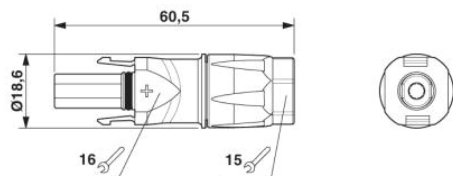
Certification	TUEV-RH
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Accessories

Item	Designation	Description
Tools		
1204517	SZF 1-0,6X3,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip
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

Drawings

Dimensioned drawing



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