


PV-CM-S 2,5-6 (-)

Order No.: 1774687

<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1774687>

Photovoltaic connector, Nominal current: 40 A, Nom. voltage: 1100 V, Connection type: Spring-cage conn., Color: black, Can only be released using a tool

Commercial data	
EAN	 4 046356 480192
Pack	50
Customs tariff	85359000
Country of Origin	DE

Product notes

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



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Technical data	
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Rated voltage (III/2)	1100 V
Rated surge voltage (III/2)	12 kV
Rated current	40 A (from 4 mm ² ; 27.5 A for 2.5 mm ²)
Nominal cross section	6 mm ²

Protection class	II
Degree of protection	IP65/IP68 (2 m/24 h)
Inflammability class according to UL 94	V0
Ambient temperature (operation)	-40 °C ... 85 °C

Material properties

Color	black
Insulating material	PA / mPPE
Contact material	Cu
Contact surface material	Ag

Connection data

Connection method	Spring-cage conn.
Connection capacity	2.5 mm ² 6 mm ²
External cable diameter	4.5 mm ... 8 mm
Volume resistance	0.3 mΩ
Stripping length	15 mm
Frequency of connections between conductors of the same cross section	10

General data

Design	Male connector
Tightening torque, union nut	>= 2 Nm
Cable pull-out force	> 300 N for 4 mm ²

Certificates

Certification	TUEV-RH
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Accessories

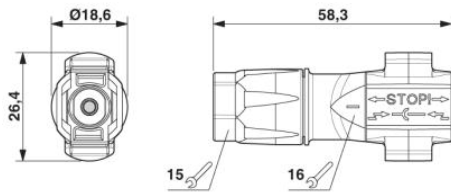
Item	Designation	Description
General		
1785430	PV-C PROTECTION CAP	Protective cap for SUNCLIX photovoltaic connector; degree of protection: IP67
1207637	QUICK WIREFOX 6 SC	Stripping tool for short-circuit proof conductors, stripping range: 1.5 up to 6 mm ² , wire cutting up to 6 mm ² cable stopper up to 18 mm ²

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



Address

PHOENIX CONTACT Ltd
Halesfield 13
Telford / Shropshire / TF7 4PG,England
Phone 01952 681 700
Fax 01952 681 799
<http://www.phoenixcontact.co.uk>



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