

Connector - PV-C3M-S 2,5-6 (-) - 1386384

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Photovoltaic connector, Range of articles: Sunclix, Connector, color: black, number of positions: 1, min. conductor cross section: 2.5 mm², max. conductor cross section: 6 mm², rated voltage: 1100 V DC, rated current: 35 A, Connection method: Spring-cage, Type of contact: Pin, min. cable diameter: 5.5 mm, max. cable diameter: 8 mm

Your advantages

- Convenient, secure spring connection technology
- High yield, thanks to silver-plated contacts
- Convenient release without a special tool
- One-piece DC connector

Key commercial data

package_quantity	50
GTIN	4063151762377

Technical data

Item properties

Range of articles	Sunclix
Brief article description	Connector
Product feature	DC connector, 1-pos., socket (+)
Color	black
Connection method	Spring-cage
Type of contact	Pin
Number of positions	1

Product dimensions

Width	18.6 mm
Height	26.4 mm
Length	58.3 mm

Rated current	6.0 mm ²	35 A (in accordance with IEC 62852:2014/AMD1:2020)
	4.0 mm ²	30 A (in accordance with IEC 62852:2014/AMD1:2020)
	2.5 mm ²	20 A (in accordance with IEC 62852:2014/AMD1:2020)
Rated voltage		1100 V DCII 2 (in accordance with IEC 62852:2014/AMD1:2020)
Protection class		II

Connection data

Min. wire cross section	2.5 mm ²
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Connection data

Max. wire cross section	6 mm ²
Cable diameter	5.5 mm ... 8 mm
Stripping length of the individual wire	15 mm
Torque	2 Nm ±0.1 Nm (Cable gland)

Environmental data

Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Limiting temperatures_GRP	105.00 °C

Mechanical tests

Insertion force	45 N ±10 N
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Service life tests

Degree of protection	IP66 / IP68 (2 m / 24 h)
Insertion/withdrawal cycles	100

Contact material	Cu alloy silver-plated
RTI	105 °C Housing
Material	PPE (Housing)

Detail specification

Detail specification	IEC 62852
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