

Photovoltaic adapter set - PV-AS-MC4/6-150-MN-SET1 - 1079531

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Photovoltaic connector, Range of articles: Sunclix, Photovoltaic adapter set, type: Adapter, color: black, rated current: 35 A, cable length: 150. Connect these connectors only to other connectors of the same type made by the same manufacturer. When making the connections, always observe the specifications regarding nominal voltage and nominal current. The smallest common value is permissible.

Product Description

Adapter set for photovoltaic connectors for connecting SUNCLIX connectors to type MC4 connectors from Multi Contact



Key Commercial Data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	 4 055626 800103
GTIN	4055626800103
Weight per Piece (excluding packing)	90.500 g
Weight per piece (including packing)	95.980 g
Custom tariff number	85446010
Country of origin	Germany
Sales Key	E1 - PCB Connection

Technical data

Dimensions

Fixed cable length	150 mm
External cable diameter	7.6 mm

Ambient conditions

Degree of protection (when plugged in)	IP67 (1 h / 1 m)
Degree of protection (not plugged in)	IP20
Ambient temperature (operation)	-40 °C ... 85 °C (-40 °C ... 70 °C (UL))

General

Degree of pollution	2
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Technical data

General

Rated current	35 A
Degree of protection	IP67
Current	30 A
Rated surge voltage (III/3)	16 kV
pluggable	Yes
Overvoltage category	III
Degree of protection	IP20
Rated voltage	1500 V
Rated surge voltage	12 kV
Nominal cross section	6 mm ²
Protection class	II

Material

Color	black
Contact material	Cu
Contact surface material	Ag
Cable gland material	PPE

Connection data

Connection capacity	6 mm ² ... 6 mm ²
Contact resistance with connected conductor	< 1 mΩ ((incl. cable))
Cable type	Multi-standard
Current	35 A

Standards and Regulations

Safety note	<ul style="list-style-type: none"> • WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.
	<ul style="list-style-type: none"> • WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.
	<p>WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.</p>
	<ul style="list-style-type: none"> • The products are suitable for applications in plant, controller, and electrical device engineering.
	<ul style="list-style-type: none"> • Assembled products may not be manipulated or improperly opened.
	<ul style="list-style-type: none"> • Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
	<ul style="list-style-type: none"> • When using the product in direct connection with third-party manufacturers, the user is responsible.

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Technical data

Standards and Regulations

	<ul style="list-style-type: none"> For operating voltages > 50 V AC, conductive connector housings must be grounded
	<ul style="list-style-type: none"> Ensure that the protective or functional ground has been properly connected.
	<ul style="list-style-type: none"> Observe the corresponding technical data. You will find information: <ul style="list-style-type: none"> On the product On the packing label In the supplied documentation Online at phoenixcontact.com/products under the product
	<ul style="list-style-type: none"> The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.
	<ul style="list-style-type: none"> Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products
	<ul style="list-style-type: none"> The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).
	<ul style="list-style-type: none"> Operate the connector only when it is fully plugged in and interlocked.
	<ul style="list-style-type: none"> Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
	<ul style="list-style-type: none"> Observe the minimum bending radius of the cable. Lay the cable without twisting it.

Classifications

eCl@ss

eCl@ss 10.0.1	27060311
eCl@ss 11.0	27060311
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 9.0	27060311

ETIM

ETIM 6.0	EC001855
ETIM 7.0	EC001855

UNSPSC

UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01687
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Accessories

Accessories

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



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

Additional products

Connector - PV-CF-S 2,5-6 (+) - 1774674



Photovoltaic connector, Range of articles: Sunclix, Connector, housing material: PPE, color: black, number of positions: 1, min. conductor cross section: 2.5 mm², max. conductor cross section: 6 mm², rated current: 27 A, Connection method: Spring-cage, Type of contact: Socket

Connector - PV-CM-S 2,5-6 (-) - 1774687



Photovoltaic connector, Range of articles: Sunclix, Connector, housing material: PPE, color: black, number of positions: 1, min. conductor cross section: 2.5 mm², max. conductor cross section: 6 mm², rated current: 27 A, Connection method: Spring-cage, Type of contact: Pin
