

PV-WM4C-T-BOX4/6F+

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



WM4 C photovoltaic connectors

- one crimp contact for 4 mm² and 6 mm² cables
- TÜV approval according to the latest standard IEC 62852
- Can be loaded with a rated current of up to 35 A

General ordering data

Version	Photovoltaics, Plug-in connector, DC version
Order No.	3035690000
Type	PV-WM4C-T-BOX4/6F+
GTIN (EAN)	4099986994577
Qty.	100 items

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E548140

Dimensions and weights

Net weight	4.2 g
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Temperatures

Continuous operating temp., min.	-40 °C	Continuous operating temp., max.	85 °C
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Technical data

Outer cable diameter, max.	7 mm	Outer cable diameter, min.	5.5 mm
Approvals	UL	Conductor cross-section, max.	6 mm ²
Conductor cross-section, min.	4 mm ²	Protection degree	IP65, IP67, IP2x open
Pollution severity	3 (2 within the sealed area)	Rated voltage	1500 V DC (IEC)
External thread	M 12	Rated current	35 A

Guarantee

Time interval	2 years
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Important note

Product information	Please order contacts separately
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Classifications

ETIM 8.0	EC002928	ETIM 9.0	EC002928
ETIM 10.0	EC002928	ECLASS 14.0	22-57-02-92
ECLASS 15.0	22-57-02-92		

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Accessories

Accessories / replacement parts



- For flexible and solid conductors with special insulating materials
- High-quality stripping for industrial applications (complies with aircraft industry requirements)
- Specially shaped blades enable stripping of special types of insulation and conductor configurations
- Stripping length adjustable via end stop
- Very versatile thanks to interchangeable stripping units
- Stripping results reproduced accurately over and over again
- No damage to the conductor
- A long-lasting, reliable tool thanks to its sturdy design
- Integrated cutting function

General ordering data

Type	AIE MULTI-STRIPAX PV	Version	
Order No.	1204280000	Insert	
GTIN (EAN)	4032248987030		
Qty.	1 ST		

... for photovoltaic plug-in connectors



After stripping the insulation, a suitable contact or wire end ferrule can be crimped onto the end of the cable. Crimping forms a secure connection between conductor and contact and has largely replaced soldering. Crimping denotes the creation of a homogeneous, permanent connection between conductor and connecting element. The connection can be made only with high-quality precision tools. The result is a secure and reliable connection both in mechanical and electrical terms. Weidmüller offers a wide range of mechanical crimping tools. Integral ratchets with release mechanisms guarantee optimum crimping. Crimped connections made with Weidmüller tools comply with international standards and regulations.

General ordering data

Type	CTF PV WM4	Version	
Order No.	1222870000	Photovoltaics, Crimping tool for photovoltaic contacts, Mechanical,	
GTIN (EAN)	4050118006254	without interchangeable inserts	
Qty.	1 ST		

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Accessories

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The dust protection cap "Dustcap VSSO" protects the Weidmüller and type 4 solar connectors against dust and dirt.

The "SafetyClip" protects the Weidmüller solar connectors against unintentional opening and can only be released using the special multi-tool.

General ordering data

Type	VSSO WM4 C	Version	
Order No.	1254870000	Photovoltaics, Flat design	
GTIN (EAN)	4050118047479		
Qty.	100 ST		

Multi-Tool PV Set



With the multi-tool, Weidmüller is offering a multifunctional tool for processing PV solar connectors.

General ordering data

Type	PV-WM4C-T-TOOL	Version	
Order No.	3035720000	Photovoltaics, Operating tool, Release tool	
GTIN (EAN)	4099986994591		
Qty.	1 ST		

Female contacts



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General ordering data

Type	BUKO WM4 C BT	Version	
Order No.	1530670000	Photovoltaics, Plug-in connector, Socket connector	
GTIN (EAN)	4050118335477		
Qty.	100 ST		

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Accessories

Type	BUKO WM4 C RL	Version	
Order No.	1530770000		Photovoltaics, Plug-in connector, Socket connector
GTIN (EAN)	4050118335491		
Qty.	4500 ST		