

BUGH BOX WM4 C BT**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, female
Order No.	1530630000
Type	BUGH BOX WM4 C BT
GTIN (EAN)	4050118335453
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Net weight 5.5 g

Temperatures

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

Technical data

Approvals	TÜV Rheinland (IEC 62852)	Cable type	2 Pfg 1169/08.07, EN 50618:2014
Conductor cross-section, max.	6 mm ²	Conductor cross-section, min.	4 mm ²
External thread	M 12	Outer cable diameter, max.	7 mm
Outer cable diameter, min.	5.5 mm	Pollution severity	2
Protection degree	IP65, IP67, IP2x open	Rated current	35 A
Rated voltage	1500 V DC (IEC)		

Guarantee

Time interval 2 years

Classifications

ETIM 6.0	EC002928	ETIM 7.0	EC002928
ETIM 8.0	EC002928	ETIM 9.0	EC002928
ECLASS 9.0	22-57-92-03	ECLASS 9.1	27-44-01-07
ECLASS 10.0	27-44-01-07	ECLASS 11.0	22-57-02-92
ECLASS 12.0	22-57-02-92	ECLASS 13.0	22-57-02-92

Important note

Product information Please order contacts separately

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	WM4 C TÜV certificate
Engineering Data	CAD data – STEP
User Documentation	BPZL WM4C LANG
Catalogues	Catalogues in PDF-format

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Accessories

Multi-Tool PV Set



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

General ordering data

Type	MULTITOOL PV SET	Version
Order No.	2771530000	Photovoltaics, Accessories, Operating tool, Release tool
GTIN (EAN)	4064675031758	
Qty.	1 pc(s).	

... 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, without interchangeable inserts
GTIN (EAN)	4050118006254	
Qty.	1 pc(s).	

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Accessories

Accessories



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 pc(s).	

Female contacts



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General ordering data

Type	BUKO WM4 C RL	Version
Order No.	1530770000	Photovoltaics, Plug-in connector, Socket connector
GTIN (EAN)	4050118335491	
Qty.	4,500 pc(s).	

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

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Accessories**Tools**

- 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	MULTI-STRIPAX PV	Version
Order No.	1190490000	Photovoltaics, Plug-in connector
GTIN (EAN)	4032248973262	
Qty.	1 pc(s).	