

**SFGH BOX WM4 C BT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**WM4 C photovoltaic connectors**

- one crimp contact for 4 mm<sup>2</sup> and 6 mm<sup>2</sup> 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, male
Order No.	<a href="#">1530640000</a>
Type	SFGH BOX WM4 C BT
GTIN (EAN)	4050118335460
Qty.	100 pc(s).

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## Technical data

## Dimensions and weights

Net weight	7.7 g
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## Temperatures

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

Approvals	TÜV Rheinland (IEC 62852)	Cable type	2 Pfg1169/08.07, EN 50618:2014
Conductor cross-section, max.	6 mm <sup>2</sup>	Conductor cross-section, min.	4 mm <sup>2</sup>
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
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## 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
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## Approvals

Approvals



ROHS	Conform
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## Downloads

Approval/Certificate/Document of Conformity	<a href="#">WM4 C TÜV certificate</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">BPZL WM4C LANG</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Accessories

## Male contacts



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## General ordering data

Type	SFKO WM4 C RL	Version
Order No.	<a href="#">1530780000</a>	Photovoltaics, Plug-in connector, Pin
GTIN (EAN)	4050118335484	
Qty.	4,500 pc(s).	
Type	SFKO WM4 C BT	Version
Order No.	<a href="#">1530680000</a>	Photovoltaics, Plug-in connector, Pin
GTIN (EAN)	4050118335279	
Qty.	100 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.	<a href="#">1222870000</a>	Photovoltaics, Crimping tool for photovoltaic contacts, Mechanical,
GTIN (EAN)	4050118006254	without interchangeable inserts
Qty.	1 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**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.	<a href="#">1190490000</a>	Photovoltaics, Plug-in connector
GTIN (EAN)	4032248973262	
Qty.	1 pc(s).	

**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.	<a href="#">2771530000</a>	Photovoltaics, Accessories, Operating tool, Release tool
GTIN (EAN)	4064675031758	
Qty.	1 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**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.	<a href="#">1254870000</a>	Photovoltaics, Flat design
GTIN (EAN)	4050118047479	
Qty.	100 pc(s).	