

SFGH 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, male
Order No.	1530640000
Type	SFGH BOX WM4 C BT
GTIN (EAN)	4050118335460
Qty.	100 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Net weight 7.7 g

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

Technical data

Outer cable diameter, max.	7 mm	Outer cable diameter, min.	5.5 mm
Cable type	2 Pfg 1169/08.07, EN 50618:2014	Approvals	TÜV Rheinland (IEC 62852)
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

Important note

Product information Please order contacts separately

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

... 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	

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 ST	

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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 ST		

Male contacts



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General ordering data

Type	SFKO WM4 C BT	Version	
Order No.	1530680000	Photovoltaics, Plug-in connector, Pin	
GTIN (EAN)	4050118335279		
Qty.	100 ST		
Type	SFKO WM4 C RL	Version	
Order No.	1530780000	Photovoltaics, Plug-in connector, Pin	
GTIN (EAN)	4050118335484		
Qty.	4500 ST		