

**PV-STICK+ VPE50****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Faster is better. This also applies to the cabling of solar systems. Our handy connectors stay firmly in your grip even in frosty temperatures and can be installed very quickly and easily without a crimping tool.

You don't need crimp contacts and crimping tools and you avoid assembly errors. This saves up to 50% installation time – without affecting quality. The new photovoltaic connectors are TÜV-approved and comply with IEC 62852.

Our "PUSH IN" technology enables safe connections with minimal effort – insert, turn: current!

- 1.500 V DC (DE) / 1.500 V DC (EN)
- PUSH IN technology
- Standard-compliant quality in accordance with IEC 62852
- Ergonomic, prize-winning design
- Fastest PV connector currently available
- Reliable latching

**General ordering data**

Version	Photovoltaics, Plug-in connector, PUSH IN connection, female
Order No.	<a href="#">1303460000</a>
Type	PV-STICK+ VPE50
GTIN (EAN)	4050118102383
Qty.	50 pc(s).

## PV-STICK+ VPE50

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## Technical data

## Dimensions and weights

Net weight	15.323 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>
Outer cable diameter, max.	7.6 mm	Outer cable diameter, min.	5.4 mm
Pollution severity	3 (2 within the sealed area)	Protection degree	IP65, IP68, IP2x open
Rated current	30 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

## Approvals

Approvals



ROHS

Conform

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">TÜV PV Stick 2023_DE_EN</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20210127 Technical change to PV - STICK</a> <a href="#">20210127 Technische Änderung zu PV - STICK</a>
User Documentation	<a href="#">Instruction Sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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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).	

**Cutting tools**

Cutting tools for conductors up to 8 mm, 12 mm, 14 mm and 22 mm outside diameter. The special blade geometry allows pinch-free cutting of copper and aluminium conductors with minimum physical effort. The cutting tools (KT 8 to KT 22) also come with VDE and GS-tested protective insulation up to 1,000 V in accordance with EN/IEC 60900.

**General ordering data**

Type	KT 8	Version
Order No.	<a href="#">9002650000</a>	Cutting tools, Cutting tool for one-hand operation
GTIN (EAN)	4008190020163	
Qty.	1 pc(s).	