

PV-STICK+ VPE50

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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

- 1.500 V DC (DE) / 1,500 V DC (EN)
- SNAP 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, DC version
Order No.	1303460000
Type	PV-STICK+ VPE50
GTIN (EAN)	4050118102383
Qty.	50 items

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Net weight 15.32 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%
 Product Carbon Footprint Cradle to gate 0.145 kg CO2eq.

Technical data

Outer cable diameter, max.	7.6 mm	Outer cable diameter, min.	5.4 mm
Cable type	2 Pfg 1 169/08.07, EN 50618:2014, IEC 62930:2017	Approvals	TÜV Rheinland (IEC 62852)
Conductor cross-section, max.	6 mm ²	Conductor cross-section, min.	4 mm ²
Protection degree	IP65, IP68 (1 m / 60 min), IP2x open	Pollution severity	3 (2 within the sealed area)
Rated voltage	1500 V DC (IEC)	Rated current	30 A

Guarantee

Time interval 2 years

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

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 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		

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

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Accessories

General ordering data

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

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.	9002650000	Cutting tools, Cutting tool for one-hand operation	
GTIN (EAN)	4008190020163		
Qty.	1 ST		