Weidmüller ∃Σ

PV-STICK SET

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, male, female
Order No.	1422030000
Type	PV-STICK SET
GTIN (EAN)	4050118225723
Qty.	1 pc(s).

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PV-STICK SET

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	31.94 g

Temperatures

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

Technical data

Approvals	TÜV Rheinland (IEC 62852)	Cable type	2 Pfg1169/08.07, EN 50618:2014
Conductor cross-section, max.	6 mm²	Conductor cross-section, min.	4 mm²
Outer cable diameter, max.	7.6 mm	Outer cable diameter, min.	5.4 mm
Permitted connecting cable	BETAflam® Solar 125 flex 1500 V DC, 4.00 mm², BETAflam® Solar 125 RV flex 1500 V DC, 6.00 mm²	Pollution severity	3 (2 within the sealed area)
Protection degree	IP65, in closed state, IP2x open, IP67, IP68	Rated current	30 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

Approvals

Approvals	CE TÜV Type Approved
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	TÜV PV 2021_EN TÜV PV 2021_DE
Engineering Data	CAD data – STEP
Product Change Notification	20210127 Technical change to PV - STICK 20210127 Technische Änderung zu PV - STICK
User Documentation	Instruction Sheet
Catalogues	Catalogues in PDF-format

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PV-STICK SET

Accessories

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 pc(s).		

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).		

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PV-STICK SET

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).		

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).		

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