

Data Sheet

Photovoltaic connector PV-Stick

Faster can better. And this is certainly true for solar collector systems. Our easy-to-handle connectors fit snugly in the hand, even in cold temperatures and can be installed with lightning speed, quite simply, without crimping tools.

You don't need crimp contacts and the associated tools avoid assembly errors. This saves up to 50 % installation time – without affecting quality. The new photovoltaic connectors are TÜV (German Technical Inspectorate) approved and comply with DIN EN 50521.

Our "PUSH IN" technology enables safe connections with little effort: Plug in, twist, power

- PushIn technology
- Standard conformant quality acc. TÜV DIN EN 50521
- Ergonomic prizewinning design
- Fastest PV connector at present
- Securely engaged



German
Design Award

NOMINEE 2014



product
design award

2013



reddot design award
product design 2013

Germany

Weidmüller GmbH & Co. KG
Postfach 30 54
32720 Detmold
Ohmstraße 9
32758 Detmold
Phone +49 5231 1428-0
Fax +49 5231 1428-116
weidmueller@weidmueller.de
www.weidmueller.de

Austria

Weidmüller GmbH
IZ NOE Süd Straße 2b,
Obj M 59
2355 Wiener Neudorf
Phone +43 2236 67080
Fax +43 2236 6708-899
office.at@weidmueller.com
www.weidmueller.com

Switzerland

Weidmüller Schweiz AG
Rundbuckstraße 2
8212 Neuhausen am Rheinfall, SH
Phone +41 52 674 07 07
Fax +41 52 674 07 08
info@weidmueller.ch
www.weidmueller.ch

Other countries




Weidmüller Interface GmbH & Co. KG
Postfach 3030
32720 Detmold
Klingenbergstraße 16
32758 Detmold
Phone +49 5231 14-0
Fax +49 5231 14-292083
info@weidmueller.de
www.weidmueller.com

PV-Stick



Technical data

| | |
|----------------------------------|---------------------------------------|
| Continuous operating temperature | -40 °C ... + 85 °C |
| Protection class (plugged/open) | IP 65 / IP2x |
| Rated current | 30 A |
| Rated voltage | 1,000 V DC |
| Cable diameter | 4 mm ² / 6 mm ² |
| Cable exterior diameter | 5.5 mm...7.5 mm |
| Cable as per standard | 2PFG1169/08.07 |
| Pollution degree | II |
| Approval | TÜV (DIN EN 50521:2009) |
| Connection system | PUSH IN (Spring terminal connection) |

Ordering data

| Female | Type | Qty. | Order No. |
|--|---|------|------------|
|  | PV-STICK+ VPE10 | 10 | 1303450000 |
| | PV-STICK+ VPE50 | 50 | 1303460000 |
| | PV-STICK+ VPE200 | 200 | 1303470000 |
| Male | | | |
|  | PV-STICK- VPE10 | 10 | 1303490000 |
| | PV-STICK- VPE50 | 50 | 1303500000 |
| | PV-STICK- VPE200 | 200 | 1303510000 |
| PV stick set | Set Female socket connector + Male plug connector | 1 | 1422030000 |
|  | | | |

PV connecting plug – Accessories

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|---|------|---|------|-----|-----------|------------|
|  | Type | Universal dust cap for male and female housings | Qty. | 100 | Order No. | 1254870000 |
| | | | | | | |
|  | Type | Safety Clip against unintended opening | Qty. | 10 | Order No. | 1328150000 |
| | | | | | | |

Related products

| | | | | | | |
|---|------|---|------|-----|-----------|------------|
|  | Type | Socket housing, box version | Qty. | 500 | Order No. | 1307280000 |
| | | | | | | |
|  | Type | Male plug, box version | Qty. | 500 | Order No. | 1307200000 |
| | | | | | | |
|  | Type | KT 8 – Cutting tool | Qty. | 1 | Order No. | 9002650000 |
| | | | | | | |
|  | Type | Socket contact for socket housing, box version | Qty. | 100 | Order No. | 1217760000 |
| | | | | | | |
|  | Type | Plug contact for male plug, box version | Qty. | 100 | Order No. | 1217670000 |
| | | | | | | |
|  | Type | Multi-Stripax® – Optional wire stripping pliers | Qty. | 1 | Order No. | 1190490000 |
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