

PV-STICK- VPE200

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 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 |
| Order No. | 1303510000 |
| Type | PV-STICK- VPE200 |
| GTIN (EAN) | 4050118102390 |
| Qty. | 200 items |

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Technical data

Approvals

Approvals



RoHS Conform

Dimensions and weights

Net weight 15.53 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 0.125 kg CO ₂ eq. |

Technical data

| | | | |
|-------------------------------|---|-------------------------------|--|
| Outer cable diameter, max. | 7.6 mm | Outer cable diameter, min. | 5.4 mm |
| Cable type | IEC 62930:2017 | Approvals | TÜV Rheinland (DIN EN 50521:2013), 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 | |