# PV 216S0F0C15V0O1TXPX15PWW

## Similar to illustration



Standard portfolio for combiner boxes.

Protect and monitor strings in a solar park.

Weidmüller has developed a full portfolio of standard PV DC combiner boxes for solar parks. These products intend to cover the most common used solutions for such purposes in an efficient and competitive manner. From 6 up to 32 inputs our Generation X offers a full range of products for monitored and non-monitored combiner boxes allowing our customer to benefit from Weidmueller's experience and commitment to quality. Gen X

## General ordering data

| | |
|---|---|
| Version | Photovoltaics, Assembled enclosure, Combiner Box, With fuse holder, Surge protection II, for wall mounting, Switch disconnector, WM4C |
| Order No. | 8000050575 |
| Type | PV 216S0F0C15V0O1TXPX15PWW |
| GTIN (EAN) | 8430243407236 |
| Qty. | 1 items |

Creation date 21.12.2025  10:16:04 MEZ

**Weidmüller**

## PV 216S0F0C15V0O1TXPX15PWW

## Technical data

### Approvals

| | |
|---|---|
| ROHS | Conform |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 300 mm | Depth (inches) | 11.811 inch |
| Height | 835 mm | Height (inches) | 32.874 inch |
| Width | 635 mm | Width (inches) | 24.9999 inch |
| Net weight | 29000 g | | |

### Temperatures

| | |
|---|---|
| Ambient temperature | -20 °C...50 °C |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 1d28ada4-1634-4382-8635-45f6353a6574 |

### DC electrical properties

| | | | |
|---|---|---|---|
| Rated voltage | 1500 V | Switching capacity | 400 A (DC21B 1500 V) |
| Earthing | Directly at the VPU | Surge protection DC side | 1500 V type II with remote contact, 1500 V type II |

### DC inputs

| | | | |
|---|---|---|---|
| Number inputs | 16 | Number of DC inputs | 16 |
| Connection type, DC input cable | WM4C plug-in connector | Connection DC input cable (-) | WM4C plug-in connector |
| Amount of maximum power points (MPP) | 1 | Connection DC input cable (+) | WM4C plug-in connector |
| Fuse type | Fuse holder with fuse | Position of the fuses | positive and negative inputs |
| Type of fuse | 10 mm x 85 mm , 15 A | Number of string inputs per MPP | ≤ 16 |

### DC outputs

| | | | |
|---|---|---|---|
| DC output cable connection | M12 | Connection type, DC output cable | Screw connection |
| Number of DC outputs | 1 | Load circuit breaker with auxiliary contact | Yes |

### DC string monitoring

| | |
|---|---|
| Monitoring function | Non monitored |

### Housing

| | | | |
|---|---|---|---|
| Type of mounting | Wall mounting, Mounting plate | Protection degree | IP65 |

### Norms and standards

| | |
|---|---|
| Standards | EN 61439-2:2011, IEC 61439-2 ed 3.0 |

# PV 216S0F0C15V0O1TXPX15PWW

## Technical data

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC003857 | ETIM 9.0 | EC003857 |
| ETIM 10.0 | EC003857 | ECLASS 14.0 | 22-57-02-92 |
| ECLASS 15.0 | 22-57-02-92 | | |

## PV 216S0F0C15V0O1TXPX15PWW

## 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 14 | Version | |
|------|-------|---------|---|
| Order No. | 1157820000 | Cutting tools, Cutting tool for one-hand operation | |
| GTIN (EAN) | 4032248945344 | | |
| Qty. | 1 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

### General ordering data

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

### Slotted screwdriver

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

---

# PV 216S0F0C15V0O1TXPX15PWW

## Accessories

### General ordering data

| Type | SDIS 1.0X5.5X125 | Version | |
|---|---|---|---|
| Order No. | 9008410000 | Screwdriver, Screwdriver | |
| GTIN (EAN) | 4032248056378 | | |
| Qty. | 1 ST | | |

### Spare Arrester
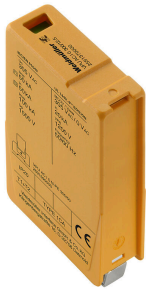


### General ordering data

| Type | VPU II 0 PV 1500V DC | Version | |
|---|---|---|---|
| Order No. | 1351480000 | Surge voltage arrester, Low voltage, Accessories | |
| GTIN (EAN) | 4050118158632 | | |
| Qty. | 1 ST | | |

### PV-Stick field connectors



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

| Type | PV-STICK+ VPE200 | Version | |
|---|---|---|---|
| Order No. | 1303470000 | Photovoltaics, Plug-in connector | |
| GTIN (EAN) | 4050118102543 | | |
| Qty. | 200 ST | | |
| Type | PV-STICK- VPE200 | Version | |
| Order No. | 1303510000 | Photovoltaics, Plug-in connector | |
| GTIN (EAN) | 4050118102390 | | |
| Qty. | 200 ST | | |

## PV 216S0F0C15V0O1TXPX15PWW

## Accessories

| Type | PV-STICK+ VPE50 | Version | |
|---|---|---|---|
| Order No. | 1303460000 | Photovoltaics, Plug-in connector | |
| GTIN (EAN) | 4050118102383 | | |
| Qty. | 50 ST | | |
| Type | PV-STICK- VPE50 | Version | |
| Order No. | 1303500000 | Photovoltaics, Plug-in connector | |
| GTIN (EAN) | 4050118102536 | | |
| Qty. | 50 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 | | |

## 10x85 gPV

gPV 10×85 cylindrical fuse cartridges are designed to provide compact, safe and economical protection of photovoltaic modules (field protection) with voltages up to 1,500 DC. They provide protection against both overload and short circuit (gPV class according to the requirements of IEC60269-6 and UL248-19 standards).

## General ordering data

| Type | FUSE WSFL 10X85 15A 1K5... | Version | |
|---|---|---|---|
| Order No. | 4000002597 | Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 15 A | |
| GTIN (EAN) | 8430243419611 | | |
| Qty. | 50 ST | | |
| Type | FUSE WSFL 10X85 16A 1K5... | Version | |
| Order No. | 4000002609 | Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 16 A | |
| GTIN (EAN) | 8430243419628 | | |
| Qty. | 5 ST | | |
| Type | FUSE WSFL 10X85 20A 1K5... | Version | |
| Order No. | 4000002610 | Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 20 A | |
| GTIN (EAN) | 8430243419635 | | |
| Qty. | 50 ST | | |

Creation date 21.12.2025 10:16:04 MEZ

## Accessories

| Type | FUSE WSFL 10X85 25A 1K5... | Version | |
|---|---|---|---|
| Order No. | 4000002611 | Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 25 A | |
| GTIN (EAN) | 8430243419642 | | |
| Qty. | 50 ST | | |
| Type | FUSE WSFL 10X85 32A 1K5... | Version | |
| Order No. | 4000002612 | Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 32 A | |
| GTIN (EAN) | 8430243419659 | | |
| Qty. | 5 ST | | |

### Spare Arrester
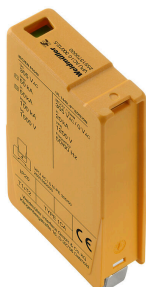


### General ordering data

| Type | VPU PV II 0 1500 | Version | |
|---|---|---|---|
| Order No. | 2530630000 | Surge voltage arrester, Low voltage, Accessories, Spare arrester | |
| GTIN (EAN) | 4050118540840 | | |
| Qty. | 9 ST | | |

Creation date 21.12.2025 10:16:04 MEZ