

**PV 224S0F0C15V003TXPX15PWW****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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, Cable gland, for wall mounting, Switch disconnecter |
| Order No.       | <a href="#">8000050562</a>                                                                                                                   |
| Type            | PV 224S0F0C15V003TXPX15PWW                                                                                                                   |
| GTIN (EAN)      | 8430243407229                                                                                                                                |
| Qty.            | 1 items                                                                                                                                      |
| Delivery status | Discontinued                                                                                                                                 |

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## Technical data

## Approvals

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

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 300 mm  | Depth (inches)  | 11.811 inch |
| Height     | 1035 mm | Height (inches) | 40.748 inch |
| Width      | 835 mm  | Width (inches)  | 32.874 inch |
| Net weight | 48000 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

|                               |                      |                                 |                              |
|-------------------------------|----------------------|---------------------------------|------------------------------|
| Cartridge fuse                | 10 x 85 mm           | Number inputs                   | 24                           |
| Number of DC inputs           | 24                   | Connection type, DC input cable | Screw connection             |
| Connection DC input cable (-) | Screw connection     | Fuse-link standard              | gPV (EN 60269-6)             |
| Number of inputs              | 24                   | Number of conduit inlets        | 9                            |
| Connection DC input cable (+) | Screw connection     | Position of the fuses           | positive and negative inputs |
| Type of fuse                  | 10 mm x 85 mm , 15 A |                                 |                              |

## 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 | Protection degree | IP65 |
|------------------|---------------|-------------------|------|

## Norms and standards

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

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### 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 |             |             |