

## PV 224SXFXCXXVXO1TA3PA15LWW

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

www.weidmueller.com



### Intelligent product in a compact size

PV retrofit monitoring boxes make it possible to obtain data at string level in PV systems with existing, unmonitored PV-DC generator combiner boxes. All without additional work such as trenching and cabling.

Integrated power monitoring provided by our Solar SMS monitoring system allows to do the right surveillance of the PV site to guarantee the best performance of the system.

Additionally, our PV monitoring boxes fulfill the standard IEC/EN 61439-2:2020 to guarantee a high reliability of the supplied units.

### General ordering data

|            |  |
|------------|--|
| Version    | Photovoltaics, Assembled enclosure, 1500 V, WM4C, for wall mounting, Landscape, Digital signals, Monitoring components, Current monitoring, Voltage monitoring, Temperature monitoring, 24-channel |
| Order No.  | <a href="#">8000122018</a>   |
| Type       | PV 224SXFXCXXVXO1TA3PA15LWW  |
| GTIN (EAN) | 4099986868571  |
| Qty.       | 1 items  |

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## Technical data

### Approvals

Approvals



### Dimensions and weights

|            |           |                 |              |
|------------|-----------|-----------------|--------------|
| Depth      | 210 mm    | Depth (inches)  | 8.2677 inch  |
| Height     | 302 mm    | Height (inches) | 11.8897 inch |
| Width      | 558 mm    | Width (inches)  | 21.9685 inch |
| Net weight | 7423.51 g |                 |              |

### Temperatures

|                     |                |                       |                 |
|---------------------|----------------|-----------------------|-----------------|
| Ambient temperature | -20 °C...45 °C | Operating temperature | -20°C to +45 °C |
|---------------------|----------------|-----------------------|-----------------|

### Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6a, 7a, 7cl                          |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 1d28ada4-1634-4382-8635-45f6353a6574 |

### DC electrical properties

|               |        |                          |                     |
|---------------|--------|--------------------------|---------------------|
| Rated voltage | 1500 V | Surge protection DC side | No surge protection |
|---------------|--------|--------------------------|---------------------|

### DC inputs

|                                 |                                   |                               |                                   |
|---------------------------------|-----------------------------------|-------------------------------|-----------------------------------|
| Fuse protection                 | No                                | Number of DC inputs           | 24                                |
| Connection type, DC input cable | WM4 C field connector             | Connection DC input cable (-) | WM4 C field connector             |
| Number of inputs                | 24                                | Number of conduit inlets      | 0                                 |
| Connection DC input cable (+)   | WM4 C field connector             | Fuse type                     | Neither fuse cartridge nor holder |
| Type of fuse                    | Neither fuse cartridge nor holder |                               |                                   |

### DC outputs

|                            |                       |                                  |                       |
|----------------------------|-----------------------|----------------------------------|-----------------------|
| DC output cable connection | WM4 C field connector | Connection type, DC output cable | WM4 C field connector |
| Number of DC outputs       | 24                    |                                  |                       |

### DC string monitoring

|                    |              |                        |   |
|--------------------|--------------|------------------------|---|
| Supply             | Self-powered | Monitoring function    | Solar SMS, Output voltage, current, temperature |
| Voltage monitoring | Solar SMS    | Temperature monitoring | Solar SMS                                       |
| Current monitoring | Solar SMS    |                        |   |

### Housing

|                  |               |                   |      |
|------------------|---------------|-------------------|------|
| Type of mounting | Wall mounting | Protection degree | IP65 |
|------------------|---------------|-------------------|------|

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## Technical data

### Norms and standards

|           |                                     |
|-----------|-------------------------------------|
| Standards | EN 61439-2:2020, IEC 61439-2 ed 3.0 |
|-----------|-------------------------------------|

### Guarantee

|               |         |
|---------------|---------|
| Time interval | 5 years |
|---------------|---------|

### 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 |             |             |

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Drawings

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Combiner Box Name Description

