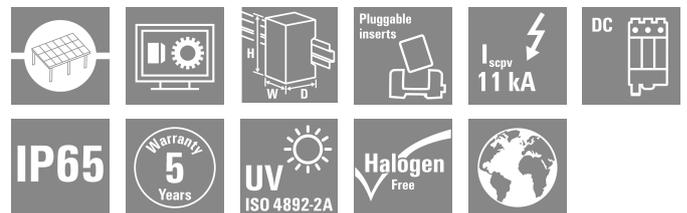


PV 124SXFXCXXV001TXPX15LWW

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

www.weidmueller.com



Standard portfolio for Multi MPPT string inverters
 Protect strings and inverters against overvoltage.
 Protecting long cables and string inverter inputs (MPPT's)
 is crucial for the smooth operation of solar plant installa-
 tions whether it's a rooftop or utility scale one. For that
 purpose, Weidmueller has developed a product portfo-
 lio with a set of different cabinets which helps to protect
 the cables and/or the string DC input side of the inverter
 against potential overvoltages. These solutions allow
 installers and developers to benefit from Weidmueller's
 experience in solar PV and its commitment with quality
 standards. Multi-MMPT

General ordering data

| | |
|------------|--|
| Version | Photovoltaics, Assembled enclosure, Combiner Box, 1500 V, Surge protection II, WM4C, for wall mounting, Landscape, String Inverter, 12 MPP's |
| Order No. | 8000109860 |
| Type | PV 124SXFXCXXV001TXPX15LWW |
| GTIN (EAN) | 4099986666344 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|------------|-----------------|--------------|
| Depth | 300 mm | Depth (inches) | 11.811 inch |
| Height | 536 mm | Height (inches) | 21.1023 inch |
| Width | 747 mm | Width (inches) | 29.4094 inch |
| Net weight | 15510.13 g | | |

Temperatures

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

Environmental Product Compliance

| | |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant |
| REACH SVHC | No SVHC above 0.1 wt% |

DC electrical properties

| | | | |
|--------------------------|------------------------------------|----------|---------------------|
| Rated voltage | 1500 V | Earthing | Directly at the VPU |
| Surge protection DC side | 1500 V type II with remote contact | | |

DC inputs

| | | | |
|--------------------------------------|-----------------------------------|-------------------------|------------------|
| Number of DC inputs | 24 | | |
| Connection type, DC input cable | WM4C plug-in connector | | |
| Connection DC input cable (-) | WM4C plug-in connector | | |
| Amount of maximum power points (MPP) | 12 | | |
| Functional earth connector | Cable entry | Number of cable entries | 1 |
| | | Cable diameter, min. | 6 mm |
| | | Cable diameter, max. | 12 mm |
| | Wire connection | Type of connection | Screw connection |
| Number of inputs | 24 | | |
| Number of conduit inlets | 1 | | |
| Connection DC input cable (+) | WM4C plug-in connector | | |
| Fuse type | Neither fuse cartridge nor holder | | |
| Type of fuse | Neither fuse cartridge nor holder | | |

DC outputs

| | | | |
|----------------------------|------------------------|----------------------------------|------------------------|
| DC output cable connection | WM4C plug-in connector | Connection type, DC output cable | WM4C plug-in connector |
| Number of DC outputs | 24 | | |

DC string monitoring

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

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Technical data

Housing

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

Norms and standards

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

Guarantee

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

Classifications

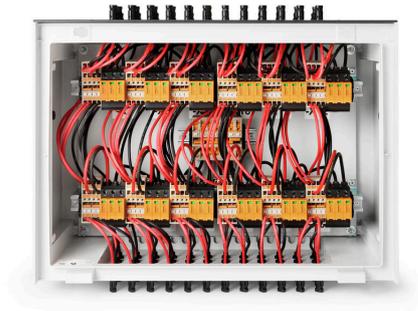
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC003857 | ETIM 9.0 | EC003857 |
| ETIM 10.0 | EC003857 | ECLASS 14.0 | 22-57-02-92 |
| ECLASS 15.0 | 22-57-02-92 | | |

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Drawings

www.weidmueller.com



Combiner Box Name Description
 PV 2 24 S0 FX CXX VX OX TXPX 15 P F ES

