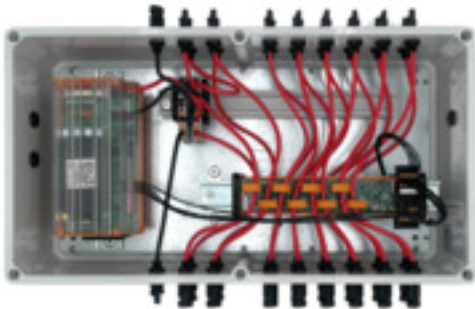


PV 224SXFXCXXVXO1TA3PA15LWW**Weidmüller Interface GmbH & Co. KG**

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.	8000122018
Type	PV 224SXFXCXXVXO1TA3PA15LWW
GTIN (EAN)	4099986868571
Qty.	1 pc(s).

Creation date July 22, 2024 2:56:25 AM CEST

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Technical data

Dimensions and weights

Depth	210 mm	Depth (inches)	8.268 inch
Height	302 mm	Height (inches)	11.89 inch
Width	558 mm	Width (inches)	21.968 inch
Net weight	10,000 g		

Temperatures

Ambient temperature	-20°C to +45 °C	Operating temperature	-20°C to +45 °C
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DC electrical properties

Rated voltage	1,500 V	Surge protection DC side	No surge protection
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DC inputs

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

DC outputs

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

DC string monitoring

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

Housing

Protection degree	IP65	Type of mounting	Wall mounting
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Norms and standards

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

Time interval	5 years
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Electrical characteristics

Rated DC voltage	1,500 V
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Technical data

Enclosure

Connection type string	Plug WM4C	Cover	with cover
Enclosure attachment		Impact resistance	IK 10 in accordance with IEC 62262, IK08 in accordance with IEC 62208
Insulating material	Fixing lugs Polyester glass-fibre reinforced, Polycarbonate	Switch disconnector execution	no switch
Type of mounting	Wall mounting		

General data

Installation location	Protected outdoor area (>1 km from sea)	Protection degree	IP65
Standards	EN 61439-2:2020, IEC 61439-2 ed 3.0		

Surge protection DC side

Short-circuit current I_{SCP}	12 A	Standards	EN 61439-2:2020, IEC 61439-2 ed 3.0
Surge protection DC side	No surge protection		

Classifications

ETIM 6.0	EC002928	ETIM 7.0	EC002928
ETIM 8.0	EC003857	ETIM 9.0	EC003857
ECLASS 9.0	22-57-92-03	ECLASS 9.1	22-57-02-90
ECLASS 10.0	22-57-02-90	ECLASS 11.0	22-57-02-92
ECLASS 12.0	22-57-02-92	ECLASS 13.0	22-57-02-92

Environmental Product Compliance

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

Approvals

Approvals



Downloads

Engineering Data	Thermal report
Technical Documentation	Mechanical Drawing
Catalogues	Catalogues in PDF-format

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Drawings

