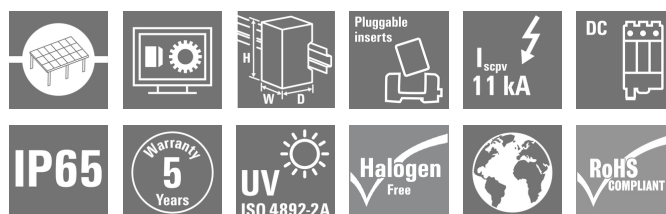


PV 124SXFXXV101TXPX15LWW
Weidmüller Interface GmbH & Co. KG

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 installations whether it's a rooftop or utility scale one. For that purpose, Weidmueller has developed a product portfolio 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-MPPT

General ordering data

Version	Photovoltaics, Assembled enclosure, Combiner Box, 1500 V, Surge protection I / II, WM4C, for wall mounting, Landscape, String Inverter, 12 MPP's
Order No.	8000117002
Type	PV 124SXFXXV101TXPX15LWW
GTIN (EAN)	4099986756199
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	300 mm	Depth (inches)	11.811 inch
Height	536 mm	Height (inches)	21.102 inch
Width	747 mm	Width (inches)	29.409 inch
Net weight	29,000 g		

Temperatures

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

Earthing	Directly at the VPU	Rated voltage	1,500 V
Surge protection DC side	1500 V type I+II without remote contact		

DC inputs

Amount of maximum power points (MPP)	12		
Connection DC input cable (+)	WM4C plug-in connector		
Connection DC input cable (-)	WM4C plug-in connector		
Connection type, DC input cable	WM4C plug-in connector		
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
Fuse	Neither fuse cartridge nor holder		
Fuse type	Neither fuse cartridge nor holder		
Number of DC inputs	24		
Number of conduit inlets	1		
Number of inputs	24		

DC outputs

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

DC string monitoring

Monitoring function	Non monitored
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Housing

Protection degree	IP65	Type of mounting	Wall mounting
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Norms and standards

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

Time interval	5 years
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ETIM 6.0	EC002928	ETIM 7.0	EC002928
ETIM 8.0	EC003857	ETIM 9.0	EC003857
ETIM 10.0	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	ECLASS 14.0	22-57-02-92
ECLASS 15.0	22-57-02-92		

Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity Combiner Boxes non monitored
Engineering Data	Thermal Report PV 124SFXCXXV101TXPX15LWW
Technical Documentation	Electrical Drawing PV 124SFXCXXV101TXPX15LWW Mechanical Drawing PV 124SFXCXXV101TXPX15LWW
Catalogues	Catalogues in PDF-format

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