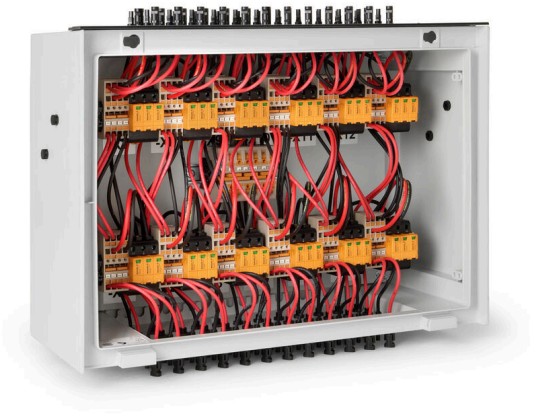
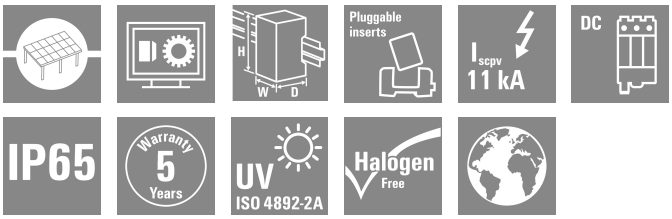
Data sheet

PV 118SXFXCXXV0O1TXPX15LWW

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-MMPT

General ordering data

Version	Photovoltaics, Assembled enclosure, Combiner Box, 1500 V, Surge protection II, WM4C, for wall mounting, Landscape, String Inverter, 9 MPP's
Order No.	8000109859
Type	PV 118SXFXCXXV0O1TXPX15LWW
GTIN (EAN)	4099986666320
Qty.	1 items

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Technical data

Approvals

Approvals	CE
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	13420.56 g		

Temperatures

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

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	18		
Connection type, DC input cable	WM4C plug-in connector		
Connection DC input cable (-)	WM4C plug-in connector		
Amount of maximum power points (MPP)	9		
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	18		
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	18		

DC string monitoring

Monitoring function	Non monitored

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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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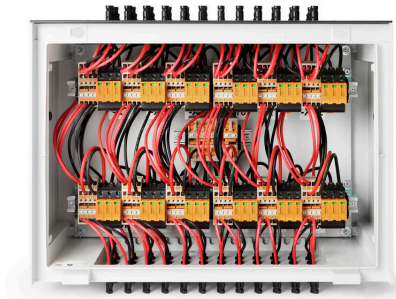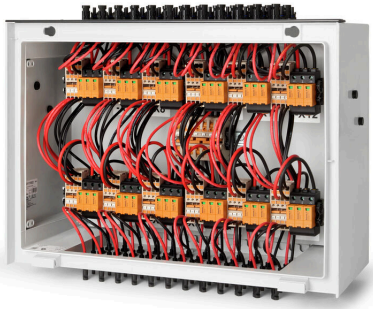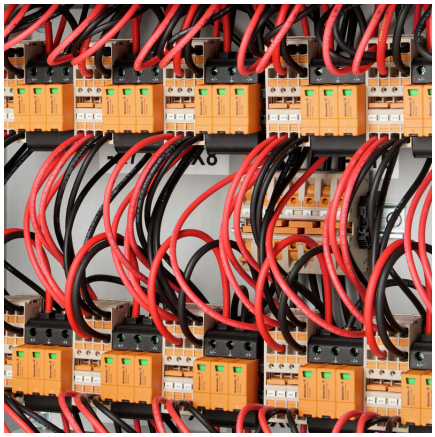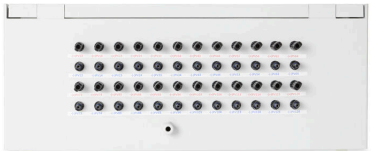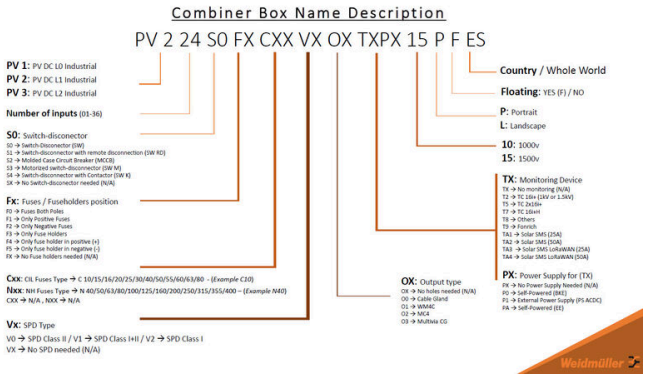
Drawings