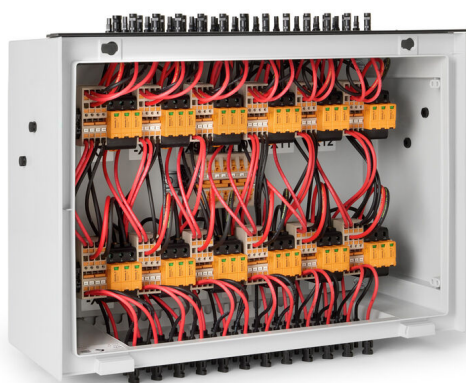


PV 112SXFXCXXV001TXPX15PWW
Weidmüller Interface GmbH & Co. KG

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, Weidmüller 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 Weidmüller'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, Portrait, String Inverter, 6 MPP's
Order No.	8000109858
Type	PV 112SXFXCXXV001TXPX15PWW
GTIN (EAN)	4099986666290
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	530 mm	Height (inches)	20.8661 inch
Width	430 mm	Width (inches)	16.9291 inch
Net weight	15000 g		

Temperatures

Ambient temperature	-20 °C...45 °C	Operating temperature	-20°C to +45°C
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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	12		
Connection type, DC input cable	WM4C plug-in connector		
Connection DC input cable (-)	WM4C plug-in connector		
Amount of maximum power points (MPP)	6		
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	12		
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	12		

DC string monitoring

Monitoring function	Non monitored
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Type of mounting	Wall mounting	Protection degree	IP65
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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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Important note

Notes	Reference picture
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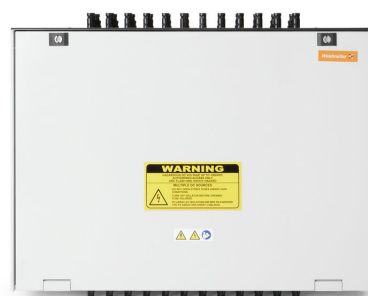
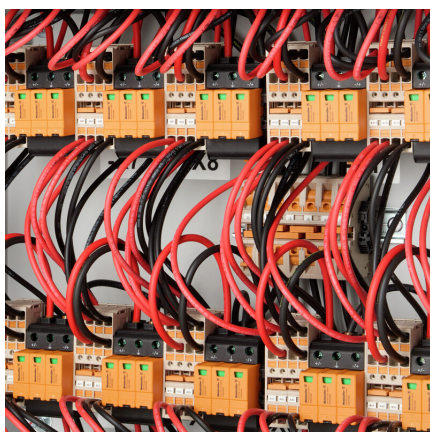
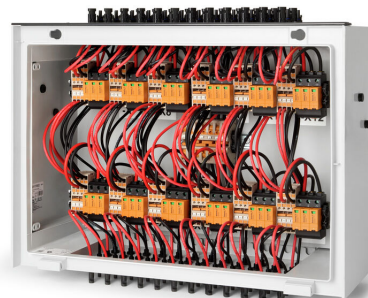
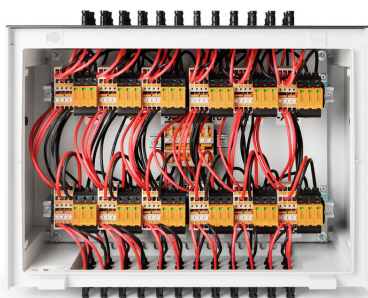
Classifications

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


Combiner Box Name Description

PV 2 24 50 FX CXX VX OX TXPX 15 P F ES

PV 1: PV DC L0 Industrial PV 2: PV DC L1 Industrial PV 3: PV DC L2 Industrial Number of inputs (15-36) S0: Switch-disconnector S0 → Switch-disconnector (S0S) S1 → Switch-disconnector with remote disconnection (S0W K0) S2 → Multistep Case Circuit Breaker (MCCB) S3 → Multistep switch-disconnector (S0W K1) S4 → Switch-disconnector with Contactor (S0W K) S5 → No Switch-disconnector needed (N/A) FX: Fuses / Fuseholders position F0 → Fuses both sides F1 → Only Positive Fuses F2 → Only Negative Fuses F3 → Only Fuse holders F4 → Only Fuse holder in positive (+) F5 → Only Fuse holder in negative (-) F6 → No Fuse holder needed (N/A) CXX: CXX Fuses Type → C 10/25/35/50/75/100/150/200/250/315/400/500/630/800 (Example C20) NXX: NXX Fuses Type → N 40/50/63/80/100/125/160/200/250/315/400/500/630/800 (Example N40) CXX → N/A, NXX → N/A VX: SPD Type V0 → SPD Class II / V1 → SPD Class III / V2 → SPD Class I VX → No SPD needed (N/A)	Country / Whole World Floating: YES (F) / NO P: Portrait L: Landscape 10: 1000V 15: 1500V TX: Monitoring Device TX → No monitoring (N/A) TX → TC class (TX or L-TX) TX → TC class TX → Others TX → Solar (S0S) (S0S) TX → Solar (S0S) (S0S) TX → Solar (S0S) (S0S) TX → Solar (S0S) (S0S) OX: Output type O0 → No Output needed (N/A) O1 → Cable gland O2 → M20 O3 → M24 O4 → M30 PX: Power Supply for (TX) PX → No Power Supply Needed (N/A) PX → Self-Heating (S0S) PX → External Power Supply (PS-ACDC) PX → Self-Heating (S0S)
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