

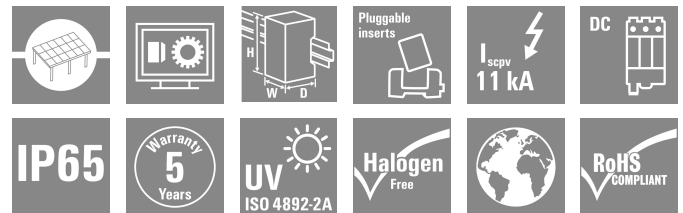
PV 224S0F1C15V003TXPX15PFWW**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Easy. fast. & save. installation Our mission toward the energy transition: We want to make the installation of PV systems on the roof easier, faster and safer for installers. For this reason, we offer an extensive range of PV combiner boxes. The combiner box product family PV Next offers standard variants for DC-side protection of the installation between PV panel and inverter. At the same time, PV strings can be combined in the PV boxes to reduce the amount of cabling required.

General ordering data

Version	Photovoltaics, Assembled enclosure, Combiner Box, 1500 V, With fuse holder, Surge protection II, Cable gland, Switch disconnecter, Portrait, Floating Combiner Box
Order No.	8000057088
Type	PV 224S0F1C15V003TXPX15PFWW
GTIN (EAN)	8430243418331
Qty.	1 items

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Technical data

Approvals

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ROHS

Conform

Dimensions and weights

Depth	360 mm	Depth (inches)	14.1732 inch
Height	835 mm	Height (inches)	32.874 inch
Width	635 mm	Width (inches)	24.9999 inch
Net weight	32658.34 g		

Temperatures

Ambient temperature	-20 °C...50 °C	Operating temperature	-20°C to +50°C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	d33ac1e5-d9b3-45a8-b552-8b15f2a45207

DC electrical properties

Rated voltage	1500 V	Switching capacity	400 A (DC21B 1500 V)
Earthing	Directly at the VPU	Surge protection DC side	1500 V type II without remote contact

DC inputs

Cartridge fuse	10 x 85 mm		
Fuse protection	15 A, 16 A, 20 A, 25 A, 30 A, 32 A		
Number of DC inputs	24		
Fused poles of string	+/-		
Connection type, DC input cable	Cable gland		
Connection DC input cable (-)	Screw connection		
Fuse-link standard	gPV (EN 60269-6)		
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	M20 Cable gland
Number of inputs	24		
Number of conduit inlets	9		
DC Input + & -	Cable entry	Number of cable entries	48
		Cable diameter, min.	6 mm
		Cable diameter, max.	8 mm
Connection DC input cable (+)	Screw connection		
Fuse type	Empty fuse holder		
Position of the fuses	only in positive inputs		
Type of fuse	Empty fuse holder		

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DC outputs

DC output cable connection		M12 bolt and nut connection	
Connection type, DC output cable		Screw terminal connectors	
DC Output + & -	Wire connection	Type of connection	M40 Cable gland
		Wire cross-section, min.	150 mm²
		Wire cross-section, max.	300 mm²
Number of DC outputs		2	
Load circuit breaker with auxiliary contact		No	

DC string monitoring

Monitoring function		Non monitored
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Housing

Protection degree		IP65
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Norms and standards

Standards		EN 61439-2:2011, IEC 61439-2 ed 3.0
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Guarantee

Time interval		5 years
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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		



Combiner Box Name Description

PV 2 24 S0 FX CXX VX OX TXPX 15 P F ES

PV 1: PV DC L0 Industrial	Country / Whole World
PV 2: PV DC L1 Industrial	Floating: YES (F) / NO
PV 3: PV DC L2 Industrial	P: Portrait
Number of inputs (01-36)	L: Landscape
S0: Switch-disconnector	10: 1000V
01 → Switch-disconnector (SW)	15: 1500V
02 → Switch-disconnector with remote disconnection (SW RC)	TX: Monitoring Device
03 → Moulded Case Circuit Breaker (MCCB)	T1 → No monitoring (N/A)
04 → Moulded switch-disconnector (SM V)	T2 → TC 24V (24V or 120V)
05 → Switch-disconnector with Connector (SW K)	T3 → TC 240V
06 → No Switch-disconnector needed (N/A)	T4 → TC 240V
FX: Fuses / Fuseholders position	T5 → TC 240V
F1 → Fuses both Poles	T6 → TC 240V
F2 → Only Positive Fuse	T7 → TC 240V
F3 → Only Negative Fuse	T8 → TC 240V
F4 → Only Fuse Holders	T9 → TC 240V
F5 → Only Fuse Holder in positive (+)	T10 → TC 240V
F6 → Only Fuse Holder in negative (-)	T11 → TC 240V
F7 → No Fuse Holders needed (N/A)	T12 → TC 240V
CXX: CIL Fuses Type → C 10/15/16/20/25/30/40/50/55/60/63/80 - (Example C10)	PX: Power Supply for (TX)
Box: Box Fuses Type → N 40/50/63/80/100/125/160/200/250/315/400 - (Example N40)	P1 → No Power Supply needed (N/A)
CXX: N/A, N/A → N/A	P2 → Self-Powered (SE)
VX: SPD Type	P3 → External Power Supply (PS ACDC)
V0 → SPD Class II / V1 → SPD Class III / V2 → SPD Class I	FA → Self-Powered (SE)
VX → No SPD needed (N/A)	
OX: Output type	
O1 → No fuse holder needed (N/A)	
O2 → Cable Gland	
O3 → WMC	
O4 → MCA	
O5 → Multiside GS	