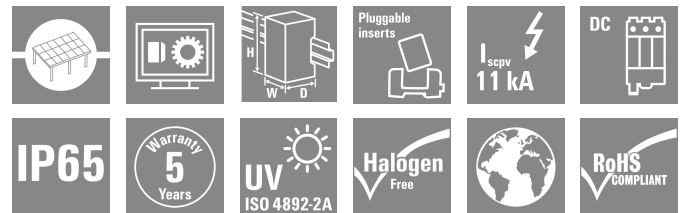


PV 218S0F0C15V003TXPX15PFWW
Weidmüller Interface GmbH & Co. KG

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.	8000057083
Type	PV 218S0F0C15V003TXPX15PFWW
GTIN (EAN)	8430243418317
Qty.	1 items
Delivery status	Discontinued

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Technical data

Approvals

Approvals



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	23820.06 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
REACH SVHC	Lead 7439-92-1

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	18		
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
DC Input + & -	Wire connection	Type of connection	M20 Cable gland
		Number of cable entries	36
		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	positive and negative inputs		
Type of fuse	Empty fuse holder		

DC outputs

DC output cable connection	M12 bolt and nut connection
Connection type, DC output cable	Screw terminal connectors

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DC Output + & -	Wire connection	Type of connection	M40 Cable gland
		Wire cross-section, min.	150 mm ²
		Wire cross-section, max.	300 mm ²
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		

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Drawings

Combiner Box Name Description

PV 2 24 S0 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 (01-36)

S0: Switch-disconnector

01 → Switch-disconnector (SW)

02 → Switch-disconnector with remote disconnector (SW RC)

03 → Moulded Case Circuit Breaker (MCCB)

04 → Moulded switch-disconnector (SW M)

05 → Switch-disconnector with Connector (SW K)

06 → No Switch-disconnector needed (N/A)

FX: Fuses / Fuseholders position

01 → Fuses both Poles

02 → Only Positive Pole

03 → Only Negative Pole

04 → Only Fuse Holders

05 → Only Fuse Holder in positive (+)

06 → Only Fuse Holder in negative (-)

07 → No Fuse Holders needed (N/A)

CXX: CIL Fuses Type → C 10/15/16/20/25/30/40/50/63/80 - (Example C10)

RXX: RIL Fuses Type → N 40/50/63/80/100/125/160/200/250/315/400 - (Example N40)

CXX → N/A, RXX → N/A

VX: SPD Type

V0 → SPD Class II / V1 → SPD Class III / V2 → SPD Class I

VX → No SPD needed (N/A)

OX: Output type

01 → No fuse holder needed (N/A)

02 → Cable Gland

03 → WMC

04 → MCA

05 → Multise GS

TX: Monitoring Device

T1 → No Monitoring (N/A)

T2 → TC 20V (20V or 120V)

T3 → TC 240V

T4 → TC 240V

T5 → TC 240V

T6 → TC 240V

T7 → TC 240V

T8 → TC 240V

T9 → TC 240V

T10 → TC 240V

T11 → TC 240V

T12 → TC 240V

T13 → TC 240V

T14 → TC 240V

T15 → TC 240V

T16 → TC 240V

T17 → TC 240V

T18 → TC 240V

T19 → TC 240V

T20 → TC 240V

T21 → TC 240V

T22 → TC 240V

T23 → TC 240V

T24 → TC 240V

T25 → TC 240V

T26 → TC 240V

T27 → TC 240V

T28 → TC 240V

T29 → TC 240V

T30 → TC 240V

T31 → TC 240V

T32 → TC 240V

T33 → TC 240V

T34 → TC 240V

T35 → TC 240V

T36 → TC 240V

T37 → TC 240V

T38 → TC 240V

T39 → TC 240V

T40 → TC 240V