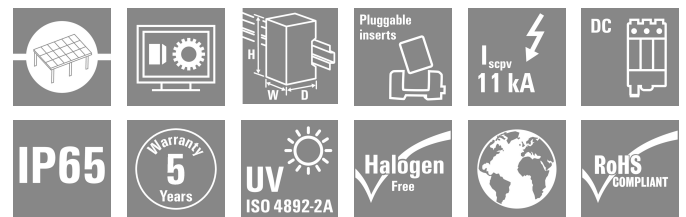


PV 216S0F0C15V001TXPX15PFWW

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.	8000057078
Type	PV 216S0F0C15V001TXPX15PFWW
GTIN (EAN)	8430243418270
Qty.	1 items

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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	31892.25 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
SCIP	1d28ada4-1634-4382-8635-45f6353a6574

DC electrical properties

Rated voltage	1500 V	Switching capacity	400 A (DC2 1B 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	16		
Fused poles of string	+/-		
Connection type, DC input cable	Cable gland		
Connection DC input cable (-)	WM4C plug-in connector		
Fuse-link standard	gPV (EN 60269-6)		
Functional earth connector	Cable entry	Number of cable entries	1
		Cable diameter, min.	6 mm
	Wire connection	Cable diameter, max.	12 mm
		Type of connection	M20 Cable gland
Number of inputs	16		
Number of conduit inlets	3		
DC Input + & -	Wire connection	Type of connection	WM4C plug-in connector
	Cable entry	Number of cable entries	32
Connection DC input cable (+)	WM4C plug-in connector		
Fuse type	Empty fuse holder		
Position of the fuses	positive and negative inputs		
Type of fuse	Empty fuse holder		

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Technical data

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 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

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Combiner Box Name Description

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

Country / Whole World
 Floating: YES (F) / NO
 P: Portrait
 L: Landscape
IO: 1000V
I5: 1500V

TX: Monitoring Device
 TX → No monitoring (N/A)
 T1 → TC class (24V or 1.2kV)
 T2 → TC 2x20in
 T3 → TC class
 T4 → Others
 T5 → Others
 T6 → Solar (MS) (USA)
 T7 → Solar (MS) (USA)
 T8 → Solar (MS) (USA)
 T9 → Solar (MS) (USA)
 T10 → Solar (MS) (USA)

PX: Power Supply for (TX)
 PX → No Power Supply Needed (N/A)
 P1 → Self-powered (SE)
 P2 → External Power Supply (PS-ACC)
 P3 → Self-powered (SE)

OK: Output Type
 OK → No holes needed (N/A)
 O1 → Cable gland
 O2 → M2x4
 O3 → M4
 O4 → M6
 O5 → M8x1.5

Number of inputs (01-36)
SD: Switch-disconnector
 S0 → Switch-disconnector (SW)
 S1 → Switch-disconnector with remote disconnection (SW-RC)
 S2 → Moulded Case Circuit Breaker (MCCB)
 S3 → Moulded switch-disconnector (MSW)
 S4 → Switch-disconnector with Contactor (SW-K)
 S5 → No switch-disconnector needed (N/A)

FX: fuses / Fuseholders position
 F0 → Fuse both Poles
 F1 → Only Positive Poles
 F2 → Only Negative Poles
 F3 → Only fuse holders
 F4 → Only fuse holder in positive (+)
 F5 → Only fuse holder in negative (-)
 F6 → No fuse holders needed (N/A)

CXX: CIL Fuse Type → C 1/1.2/1.5/1.6/2/2.5/3/4/5/6/8/10/12/15/16/20/25/32/40/50/63/80 - (Example: C25)
NXX: NH Fuse Type → N 40/50/63/80/100/125/160/200/250/315/400 - (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)

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Accessories

Cutting tools



Cutting tools for conductors up to 8 mm, 12 mm, 14 mm and 22 mm outside diameter. The special blade geometry allows pinch-free cutting of copper and aluminium conductors with minimum physical effort. The cutting tools (KT 8 to KT 22) also come with VDE and GS-tested protective insulation up to 1,000 V in accordance with EN/IEC 60900.

General ordering data

Type	KT 14	Version	
Order No.	1157820000	Cutting tools, Cutting tool for one-hand operation	
GTIN (EAN)	4032248945344		
Qty.	1 ST		

Tools



- For flexible and solid conductors with special insulating materials
- High-quality stripping for industrial applications (complies with aircraft industry requirements)
- Specially shaped blades enable stripping of special types of insulation and conductor configurations
- Stripping length adjustable via end stop
- Very versatile thanks to interchangeable stripping units
- Stripping results reproduced accurately over and over again
- No damage to the conductor
- A long-lasting, reliable tool thanks to its sturdy design
- Integrated cutting function

General ordering data

Type	MULTI-STRIPAX PV	Version	
Order No.	1190490000	Photovoltaics, Plug-in connector	
GTIN (EAN)	4032248973262		
Qty.	1 ST		

Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

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Accessories

General ordering data

Type	SDIS 1.0X5.5X125	Version	
Order No.	9008410000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056378		
Qty.	1 ST		

Spare Arrester



General ordering data

Type	VPU II 0 PV 1500V DC	Version	
Order No.	1351480000	Surge voltage arrester, Low voltage, Accessories	
GTIN (EAN)	4050118158632		
Qty.	1 ST		

PV-Stick field connectors



Faster is better. This also applies to the cabling of solar systems. Our handy connectors stay firmly in your grip even in frosty temperatures and can be installed very quickly and easily without a crimping tool. You don't need crimp contacts and crimping tools and you avoid assembly errors. This saves up to 50% installation time – without affecting quality. The new photovoltaic connectors are TÜV-approved and comply with IEC 62852.

Our "SNAP IN" technology enables safe connections with minimal effort – insert, turn: current!

- 1.500 V DC (DE) / 1,500 V DC (EN)
- SNAP IN technology
- Standard-compliant quality in accordance with IEC 62852
- Ergonomic, prize-winning design
- Fastest PV connector currently available
- Reliable latching

General ordering data

Type	PV-STICK+ VPE200	Version	
Order No.	1303470000	Photovoltaics, Plug-in connector	
GTIN (EAN)	4050118102543		
Qty.	200 ST		
Type	PV-STICK- VPE200	Version	
Order No.	1303510000	Photovoltaics, Plug-in connector	
GTIN (EAN)	4050118102390		
Qty.	200 ST		

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Accessories

Type	PV-STICK+ VPE50	Version
Order No.	1303460000	Photovoltaics, Plug-in connector
GTIN (EAN)	4050118102383	
Qty.	50 ST	
Type	PV-STICK- VPE50	Version
Order No.	1303500000	Photovoltaics, Plug-in connector
GTIN (EAN)	4050118102536	
Qty.	50 ST	

Accessories



The dust protection cap "Dustcap VSSO" protects the Weidmüller and type 4 solar connectors against dust and dirt.

The "SafetyClip" protects the Weidmüller solar connectors against unintentional opening and can only be released using the special multi-tool.

General ordering data

Type	VSSO WM4 C	Version
Order No.	1254870000	Photovoltaics, Flat design
GTIN (EAN)	4050118047479	
Qty.	100 ST	