

PV 224S0F0C15V001TXPX15LWW**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

Standard portfolio for combiner boxes.

Protect and monitor strings in a solar park.

Weidmüller has developed a full portfolio of standard PV DC combiner boxes for solar parks. These products intend to cover the most common used solutions for such purposes in an efficient and competitive manner. From 6 up to 32 inputs our Generation X offers a full range of products for monitored and non-monitored combiner boxes allowing our customer to benefit from Weidmueller's experience and commitment to quality. Gen X

General ordering data

Version	Photovoltaics, Assembled enclosure, Combiner Box, With fuse holder, Surge protection II, for wall mounting, Switch disconnecter, WM4C
Order No.	8000050576
Type	PV 224S0F0C15V001TXPX15LWW
GTIN (EAN)	8430243407427
Qty.	1 items
Delivery status	Discontinued

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	320 mm	Depth (inches)	12.5984 inch
Height	788 mm	Height (inches)	31.0236 inch
Width	1250 mm	Width (inches)	49.2125 inch
Net weight	47546.04 g		

Temperatures

Ambient temperature	-20 °C...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 with remote contact, 1500 V type II

DC inputs

Number inputs	24	Number of DC inputs	24
Connection type, DC input cable	WM4C plug-in connector	Connection DC input cable (-)	WM4C plug-in connector
Amount of maximum power points (MPP)	1	Connection DC input cable (+)	WM4C plug-in connector
Fuse type	Fuse holder with fuse	Position of the fuses	positive and negative inputs
Type of fuse	10 mm x 85 mm , 15 A	Number of string inputs per MPP	≥ 21 ... ≤ 24

DC outputs

DC output cable connection	M12	Connection type, DC output cable	Screw connection
Number of DC outputs	1	Load circuit breaker with auxiliary contact	Yes

DC string monitoring

Monitoring function	Non monitored
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Housing

Type of mounting	Wall mounting, Mounting plate	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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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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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, DC version	
GTIN (EAN)	4050118102543		
Qty.	200 ST		

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

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Accessories

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

Spare Arrester



General ordering data

Type	VPU PV II O 1500	Version
Order No.	2530630000	Surge voltage arrester, Low voltage, Accessories, Spare arrester
GTIN (EAN)	4050118540840	
Qty.	9 ST	