

PV 220S0F0C15V003TXPX15PJP**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 Weidmüller's experience and commitment to quality. Gen X

General ordering data

Version	Photovoltaics, Assembled enclosure, Combiner Box, With fuse holder, Surge protection II, Cable gland, for wall mounting, Switch disconnecter
Order No.	8000050569
Type	PV 220S0F0C15V003TXPX15PJP
GTIN (EAN)	8430243407137
Qty.	1 items
Delivery status	Discontinued

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	300 mm	Depth (inches)	11.811 inch
Height	835 mm	Height (inches)	32.874 inch
Width	635 mm	Width (inches)	24.9999 inch
Net weight	27000 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	20	Number of DC inputs	20
Connection type, DC input cable	Screw connection	Connection DC input cable (-)	Screw connection
Amount of maximum power points (MPP)	1	Connection DC input cable (+)	Screw connection
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	19 / 20

DC outputs

DC output cable connection	M12	Connection type, DC output cable	Screw connection
Number of DC outputs	2	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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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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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		

Type	VPU PV II 0 1500	Version	
Order No.	2530630000	Surge voltage arrester, Low voltage, Accessories, Spare arrester	
GTIN (EAN)	4050118540840		
Qty.	9 ST		