

PV 220S0F3CXXV000T9P015PWW

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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.	8000068034
Type	PV 220S0F3CXXV000T9P015PWW
GTIN (EAN)	843024342229 1
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	847 mm	Height (inches)	33.3464 inch
Width	636 mm	Width (inches)	25.0393 inch
Net weight	29000 g		

Temperatures

Ambient temperature	-20 °C...50 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	1d28ada4-1634-4382-8635-45f6353a6574

DC electrical properties

Rated voltage	1500 V	Earthing	Directly at the VPU
Surge protection DC side	1500 V type II		

DC inputs

Number of DC inputs	20	Amount of maximum power points (MPP)	1
Fuse type	Empty fuse holder	Position of the fuses	positive and negative inputs
Type of fuse	Empty fuse holder		

DC outputs

Number of DC outputs	1
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DC string monitoring

Monitoring function	Individual inputs	Voltage monitoring	Yes
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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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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

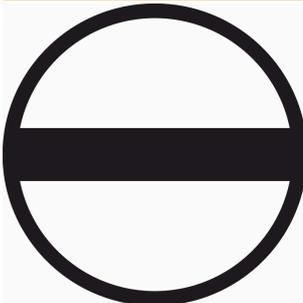


- For flexible and solid conductors with special insulating materials
- High-quality stripping for industrial applications (complies with aircraft industry requirements)
- Specially shaped blades enable stripping of special types of insulation and conductor configurations
- Stripping length adjustable 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		

10x85 gPV

gPV 10×85 cylindrical fuse cartridges are designed to provide compact, safe and economical protection of photovoltaic modules (field protection) with voltages up to 1,500 DC. They provide protection against both overload and short circuit (gPV class according to the requirements of IEC60269-6 and UL248-19 standards).



General ordering data

Type	FUSE WSFL 10X85 15A 1K5...	Version	
Order No.	4000002597	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 15 A	
GTIN (EAN)	8430243419611		
Qty.	50 ST		
Type	FUSE WSFL 10X85 16A 1K5...	Version	
Order No.	4000002609	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 16 A	
GTIN (EAN)	8430243419628		
Qty.	5 ST		
Type	FUSE WSFL 10X85 20A 1K5...	Version	
Order No.	4000002610	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 20 A	
GTIN (EAN)	8430243419635		
Qty.	50 ST		
Type	FUSE WSFL 10X85 25A 1K5...	Version	
Order No.	4000002611	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 25 A	
GTIN (EAN)	8430243419642		
Qty.	50 ST		

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Accessories

Type	FUSE WSFL 10X85 32A 1K5...	Version
Order No.	4000002612	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 32 A
GTIN (EAN)	8430243419659	
Qty.	5 ST	