

PV 220S0F3CXXV000T9P015LWW

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

www.weidmueller.com



General ordering data

Version	Photovoltaics, Assembled enclosure, Combiner Box, With fuse holder, Surge protection II, Cable gland, for wall mounting, Switch disconnecter
Order No.	8000071485
Type	PV 220S0F3CXXV000T9P015LWW
GTIN (EAN)	8430243426701
Qty.	1 pc(s).

Creation date December 4, 2023 3:45:14 PM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

Depth	300 mm	Depth (inches)	11.811 inch
Height	636 mm	Height (inches)	25.039 inch
Width	847 mm	Width (inches)	33.346 inch
Net weight	16,855.717 g		

Temperatures

Ambient temperature	-20 °C to +45°C
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DC electrical properties

Earthing	Directly at the VPU	Rated voltage	1,500 V
Surge protection DC side	1500 V type II		

DC inputs

Number of DC inputs	20	Position of the fuses	positive and negative inputs
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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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General data

Protection degree	IP65	Standards	EN 61439-2:2011, IEC 61439-2 ed 3.0
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Inputs

Amount of maximum power points	1 MPP	Fuse type	Empty fuse holder
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Surge protection DC side

Standards	EN 61439-2:2011, IEC 61439-2 ed 3.0	Surge protection DC side	1500 V type II
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Technical data**Classifications**

ETIM 6.0	EC002928	ETIM 7.0	EC002928
ETIM 8.0	EC003857	ETIM 9.0	EC003857
ECLASS 9.0	22-57-92-03	ECLASS 9.1	22-57-02-90
ECLASS 10.0	22-57-02-90	ECLASS 11.0	22-57-02-92
ECLASS 12.0	22-57-02-92	ECLASS 13.0	22570292

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	1d28ada4-1634-4382-8635-45f6353a6574

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity Combiner Boxes monitored
User Documentation	User Manual PV DC Combiner Boxes
Catalogues	Catalogues in PDF-format

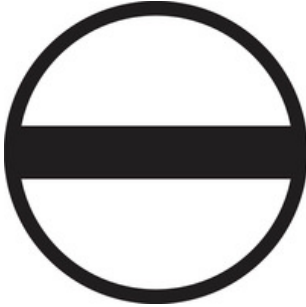
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Accessories

Slotted screwdriver



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

General ordering data

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

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 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 pc(s).	

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Accessories

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 pc(s).	
Type	FUSE WSFL 10X85 25A 1K5 ...	Version
Order No.	4000002611	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 25 A
GTIN (EAN)	8430243419642	
Qty.	50 pc(s).	
Type	FUSE WSFL 10X85 20A 1K5 ...	Version
Order No.	4000002610	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 20 A
GTIN (EAN)	8430243419635	
Qty.	50 pc(s).	
Type	FUSE WSFL 10X85 32A 1K5 ...	Version
Order No.	4000002612	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 32 A
GTIN (EAN)	8430243419659	
Qty.	50 pc(s).	
Type	FUSE WSFL 10X85 16A 1K5 ...	Version
Order No.	4000002609	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 16 A
GTIN (EAN)	8430243419628	
Qty.	5 pc(s).	

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Accessories

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 pc(s).		

Spare Arrester



General ordering data

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