

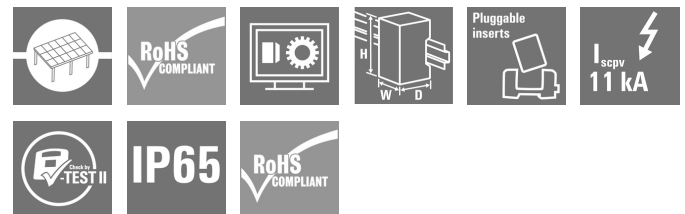
**PV 210S0F3CXXV100TA1PA10PWW****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



PV Next combiner boxes for inverters with 1 to 12 MPP trackers are used to protect the DC side of a photovoltaic system. The combiner boxes protect the inverter against overvoltages and thus comply with the European Directive CLC/TS 51643-32. In addition, these products offer the possibility to protect the system against reverse currents and the possibility to combine strings to save cables during installation.

**General ordering data**

Version	Photovoltaics, Combiner Box, 1000 V, 1 MPP, 10 Inputs / 1 Output per MPP, With fuse holder, Surge protection I / II, Switch disconnecter, Current monitoring, Cable gland, Designed for Fronius Tauro Eco Inverters
Order No.	<a href="#">8000111136</a>
Type	PV 210S0F3CXXV100TA1PA10PWW
GTIN (EAN)	4099986933927
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	300 mm	Depth (inches)	11.811 inch
Depth with add-on components	300 mm	Height	847 mm
Height (inches)	33.346 inch	Width	636 mm
Width (inches)	25.039 inch	Net weight	23,686.752 g

## Electrical characteristics

Rated DC current per connection	Current per string, max.	30 A
Rated short-term current resistance	Rated current	162.5 A
Rated DC voltage	1,000 V	

## Enclosure

Connection type string	Internal terminal (with cable gland feed-through)	Enclosure attachment	Fixing lugs
Insulating material	Polyester glass-fibre reinforced, Polycarbonate	Protection class	II
Switch disconnecter execution	switch inside enclosure	Type of mounting	Fixing lugs

## General data

Installation location	Protected outdoor area (>1 km from sea)
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## Inputs

Amount of maximum power points	1		
Cartridge fuse	10 x 38 mm		
DC Input + & -	Wire connection	Type of connection	Screw terminal connectors
		Wire cross-section, min.	1 mm <sup>2</sup>
		Wire cross-section, max.	16 mm <sup>2</sup>
	Cable entry	Number of cable entries	10
Functional earth connector	Cable entry	Number of cable entries	1
		Wire connection	Type of connection
	Wire connection	Flexible, max. H05(07) V-K	25 mm <sup>2</sup>
		w. wire end ferrule, DIN 46228 pt 1, max.	16 mm <sup>2</sup>
Fuse type	Empty fuse holder		
Fuse-link standard	gPV (EN 60269-6)		
Max. number of DC inputs	per Maximum Power Point 10 inputs connected in parallel		
Surge protection auxiliary contact	Wire connection	Type of connection	PUSH IN with actuator
		Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
		w. wire end ferrule, DIN 46228 pt 1, max.	2.5 mm <sup>2</sup>
	Cable entry	Number of cable entries	1

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## Outputs

DC Output + & -	Wire connection	Type of connection	Screw connection
Max. number of DC outputs	per Maximum Power Point 1 output		

## Surge protection DC side

Discharge current $I_n$ (8/20 $\mu$ s)	20 kA	Discharge current, max. (8/20 $\mu$ s)	40 kA
Lightning test current $I_{imp}$ (10/350 $\mu$ s)	6.25 kA	Maximum continuous operating voltage	
PV system voltage, max. $U_{cpv}$	1,000 V	DC UCPV mode +/-, -/PE, +/-PE	1,000 V
Short-circuit current $I_{scpv}$	162.5 A	Requirements class	Type I/II
Total discharge current $I_{total}$ (8/20 $\mu$ s)	50 kA	Surge protection DC side	1000 V type I + II
		Total discharge current $I_{total}$ (10/350 $\mu$ s)	12.5 kA

## 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	22-57-02-92

## Environmental Product Compliance

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

## Important note

Product information	Fuses are not included
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## Approvals

ROHS	Conform
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## Downloads

Catalogues	<a href="#">Catalogues in PDF-format</a>
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## Drawings

