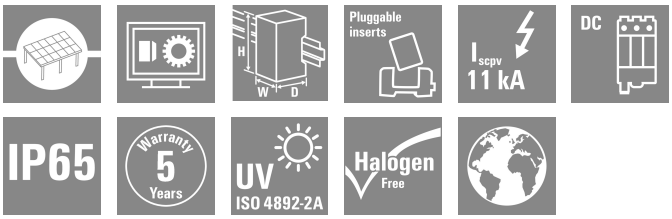
Data sheet

PV 216S0F3CXXV0O0TXPX15PWW

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 Weidmueller's experience and commitment to quality. Gen X

General ordering data

Version	Photovoltaics, Assembled enclosure, Combiner Box, 1500 V, With fuse holder, Surge protection II, Cable gland, for wall mounting, Switch disconnector, Portrait, Central Inverter
Order No.	8000124309
Type	PV 216S0F3CXXV0O0TXPX15PWW
GTIN (EAN)	4099986891425
Qty.	1 items

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Technical data

Approvals

Approvals	CE
ROHS	Conform

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	32000 g		

Temperatures

Ambient temperature	-20 °C...45 °C	Operating temperature	-20ºC to +45 ºC

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1d28ada4-1634-4382-8635-45f6353a6574

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

DC inputs

Cartridge fuse	10 x 85 mm		
Fuse protection	15 A, 16 A, 20 A, 25 A, 30 A, 32 A		
Number of DC inputs	16		
Fused poles of string	+/-		
Connection type, DC input cable	Cable gland		
Connection DC input cable (-)	Screw connection		
Fuse-link standard	gPV (EN 60269-6)		
Functional earth connector	Cable entry	Number of cable entries	1
		Cable diameter, min.	6 mm
		Cable diameter, max.	12 mm
	Wire connection	Type of connection	M20 Cable gland
Number of inputs	16		
Number of conduit inlets	35		
DC Input + & -	Wire connection	Type of connection	M16 Cable gland
	Cable entry	Number of cable entries	32
		Cable diameter, min.	5 mm
		Cable diameter, max.	10 mm
Connection DC input cable (+)	Screw connection		
Fuse type	Empty fuse holder		
Position of the fuses	positive and negative inputs		
Type of fuse	Empty fuse holder		

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DC outputs

DC output cable connection	M12 bolt and nut connection		
DC Output + & -	Wire connection	Type of connection	M40 Cable gland
		Wire cross-section, min.	150 mm²
		Wire cross-section, max.	300 mm²
Number of DC outputs	2		
Load circuit breaker with auxiliary contact	No		

DC string monitoring

Monitoring function	Non monitored

Housing

Type of mounting	Wall mounting	Protection degree	IP65

Norms and standards

Standards	EN 61439-2:2011, IEC 61439-2 ed 3.0

Guarantee

Time interval	5 years

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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Drawings

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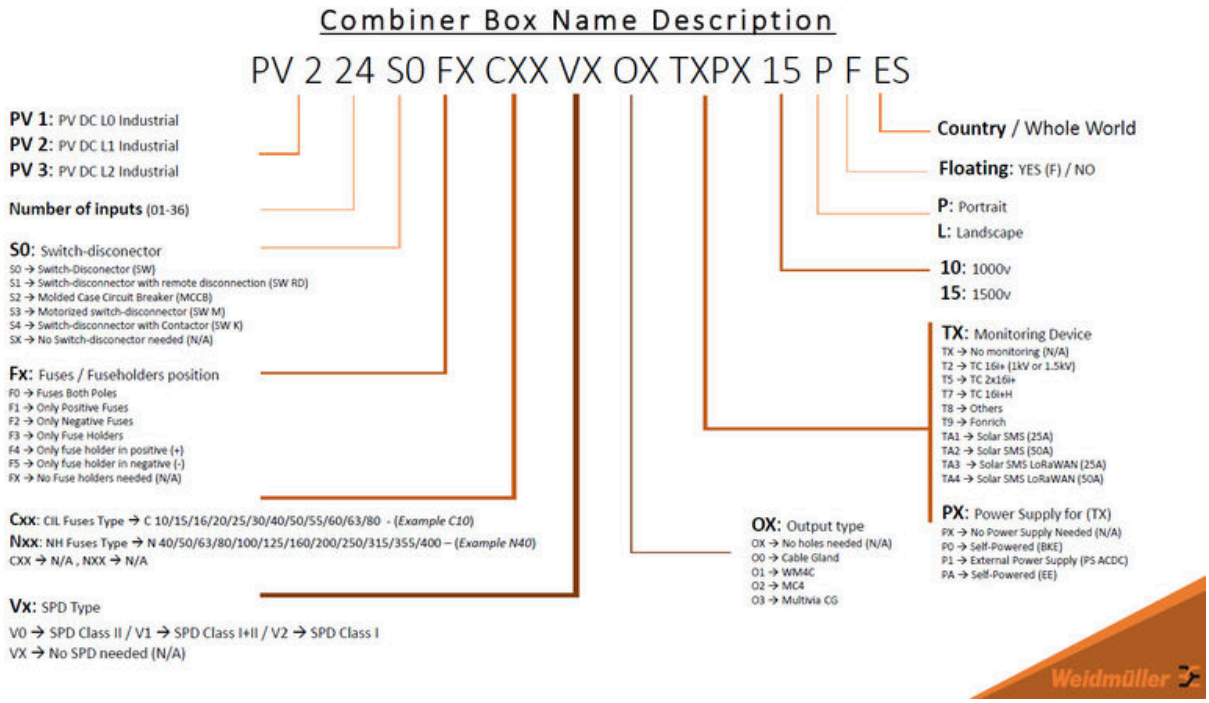
Drawings