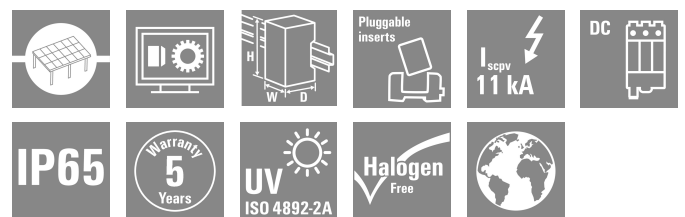


**PV 220S0F4CXXV000TAPA15PWW**

**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, 1500 V, With fuse holder, Surge protection II, Cable gland, for wall mounting, Switch disconnecter, Portrait, Current monitoring, Voltage monitoring, Temperature monitoring, Central Inverter
Order No.	<a href="#">8000093501</a>
Type	PV 220S0F4CXXV000TAPA15PWW
GTIN (EAN)	4064675853886
Qty.	1 items

**PV 220S0F4CXXV000TAPA15PWW**

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

www.weidmueller.com

**Technical data**

**Approvals**

Approvals



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	25350.33 g		

**Temperatures**

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

**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	Switching capacity	400 A (DC2 1B 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	20			
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	20			
Number of conduit inlets	45			
DC Input + & -	Wire connection	Type of connection	M16 Cable gland	
		Cable entry	Number of cable entries	40
			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	only in positive inputs			
Type of fuse	Empty fuse holder			

**PV 220S0F4CXXV000TAPA15PWW**

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

www.weidmueller.com

**Technical data**

**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 mm <sup>2</sup>
		Wire cross-section, max.	300 mm <sup>2</sup>
Number of DC outputs	2		
Load circuit breaker with auxiliary contact	No		

**DC string monitoring**

Supply	Self-powered	Monitoring function	Solar SMS, Output voltage, current, temperature
Voltage monitoring	Solar SMS	Temperature monitoring	Solar SMS
Current monitoring	Solar SMS		

**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		

**PV 220S0F4CXXV000TAPA15PWW**

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

**Drawings**

[www.weidmueller.com](http://www.weidmueller.com)



**PV 220S0F4CXXV000TAPA15PWW**

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

Drawings

www.weidmueller.com

Combiner Box Name Description

PV 2 24 S0 FX CXX VX OX TXPX 15 P F ES

- PV 1:** PV DC L0 Industrial
- PV 2:** PV DC L1 Industrial
- PV 3:** PV DC L2 Industrial
- Number of inputs (01-36)**
- S0:** Switch-disconnector  
 S0 → Switch-disconnector (SW)  
 S1 → Switch-disconnector with remote disconnection (SW RD)  
 S2 → Molded Case Circuit Breaker (MCCB)  
 S3 → Motorized switch-disconnector (SW M)  
 S4 → Switch-disconnector with Contactor (SW K)  
 SX → No Switch-disconnector needed (N/A)
- FX:** Fuses / Fuseholders position  
 F0 → Fuses Both Poles  
 F1 → Only Positive Fuses  
 F2 → Only Negative Fuses  
 F3 → Only Fuse Holders  
 F4 → Only fuse holder in positive (+)  
 F5 → Only fuse holder in negative (-)  
 FX → No Fuse holders needed (N/A)
- CXX:** CIL Fuses Type → C 10/15/16/20/25/30/40/50/55/60/63/80 - (Example C10)
- NXX:** NH Fuses Type → N 40/50/63/80/100/125/160/200/250/315/355/400 - (Example N40)
- CXX → N/A, NXX → N/A
- VX:** SPD Type  
 V0 → SPD Class II / V1 → SPD Class I+II / V2 → SPD Class I  
 VX → No SPD needed (N/A)



- Country / Whole World**
- Floating:** YES (F) / NO
- P:** Portrait
- L:** Landscape
- 10:** 1000v
- 15:** 1500v
- TX:** Monitoring Device  
 TX → No monitoring (N/A)  
 T2 → TC 16i+ (1kV or 1.5kV)  
 T5 → TC 2x16i+  
 T7 → TC 16iH  
 T8 → Others  
 T9 → Fronrich  
 TA1 → Solar SMS (25A)  
 TA2 → Solar SMS (50A)  
 TA3 → Solar SMS LoRaWAN (25A)  
 TA4 → Solar SMS LoRaWAN (50A)
- PX:** Power Supply for (TX)  
 PX → No Power Supply Needed (N/A)  
 P0 → Self-Powered (BKE)  
 P1 → External Power Supply (PS ACDC)  
 PA → Self-Powered (EE)

- OX:** Output type  
 OX → No holes needed (N/A)  
 O0 → Cable Gland  
 O1 → WMAC  
 O2 → MCA  
 O3 → Multivia CG

