

PV 216S0F0C15V003TXPX15PFWW**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Ready-to-connect generator combiner boxes****The perfect solution for every customer's needs**

Fitted between the solar modules and the inverter, the generator combiner boxes bring together the electricity that has been generated. Weidmüller has developed many standard configurations of generator combiner boxes based upon recurring customer requirements. These provide an optimal connection system, and also protection and monitoring systems.

The product range includes solutions for use in roof-mounted systems and large solar farms.

Depending on the version, the boxes can contain terminal blocks, surge protection, fuses and load circuit breakers and even systems that permanently monitor the performance of the strings.

General ordering data

| | |
|------------|--|
| Version | Photovoltaics, Assembled enclosure, Combiner Box, 1500 V, With fuse holder, Surge protection II, Cable gland, Switch disconnecter, Portrait, Floating Combiner Box |
| Order No. | 8000057082 |
| Type | PV 216S0F0C15V003TXPX15PFWW |
| GTIN (EAN) | 8430243418300 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|--------------|-----------------|-------------|
| Depth | 360 mm | Depth (inches) | 14.173 inch |
| Height | 835 mm | Height (inches) | 32.874 inch |
| Width | 635 mm | Width (inches) | 25 inch |
| Net weight | 31,864.977 g | | |

Temperatures

| | | | |
|---------------------|----------------|-----------------------|----------------|
| Ambient temperature | -20°C to +50°C | Operating temperature | -20°C to +50°C |
|---------------------|----------------|-----------------------|----------------|

DC electrical properties

| | | | |
|--------------------------|---------------------------------------|--------------------|----------------------|
| Earthing | Directly at the VPU | Rated voltage | 1,500 V |
| Surge protection DC side | 1500 V type II without remote contact | Switching capacity | 400 A (DC21B 1500 V) |

DC inputs

| | | | |
|---------------------------------|------------------------------------|-------------------------|-----------------|
| Cartridge fuse | 10 x 85 mm | | |
| Connection DC input cable (+) | Screw connection | | |
| Connection DC input cable (-) | Screw connection | | |
| Connection type, DC input cable | Cable gland | | |
| DC Input + & - | Cable entry | Number of cable entries | 32 |
| | | Cable diameter, min. | 6 mm |
| | | Cable diameter, max. | 8 mm |
| 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 |
| Fuse | 15 A, 16 A, 20 A, 25 A, 30 A, 32 A | | |
| Fuse | Empty fuse holder | | |
| Fuse type | Empty fuse holder | | |
| Fuse-link standard | gPV (EN 60269-6) | | |
| Fused poles of string | +/- | | |
| Number of DC inputs | 16 | | |
| Position of the fuses | positive and negative inputs | | |

DC outputs

| | | | |
|---|-----------------------------|--------------------------|-----------------|
| Connection type, DC output cable | Screw terminal connectors | | |
| DC Output + & - | Wire connection | Type of connection | M40 Cable gland |
| | | Wire cross-section, min. | 22 mm² |
| | | Wire cross-section, max. | 32 mm² |
| DC output cable connection | M12 bolt and nut connection | | |
| Load circuit breaker with auxiliary contact | No | | |
| Number of DC outputs | 2 | | |

DC string monitoring

| | |
|---------------------|---------------|
| Monitoring function | Non monitored |
|---------------------|---------------|

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Technical data

Housing

Protection degree IP65

Norms and standards

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

Guarantee

Time interval 5 years

Electrical characteristics

Rated DC voltage 1,500 V Switching disconnecter capacity IEC 60947-3

Enclosure

| | | | |
|-------------------------------|---|---------------------|---|
| Connection type string | Internal terminal (with cable gland feed-through) | Cover | with cover |
| Impact resistance | IK10 in accordance with IEC 62262 | Insulating material | Polyester glass-fibre reinforced, Polycarbonate |
| Switch disconnecter execution | switch inside enclosure | | |

General data

| | | | |
|-----------------------|---------------------------------------|-------------------|------|
| Installation location | Protected outdoor area (Land and Sea) | Protection degree | IP65 |
| Standards | EN 61439-2:2011, IEC 61439-2 ed 3.0 | | |

Surge protection DC side

| | | | |
|---------------------------------|---------------------------------------|-----------|-------------------------------------|
| Short-circuit current I_{SCP} | 9.4 A | Standards | EN 61439-2:2011, IEC 61439-2 ed 3.0 |
| Surge protection DC side | 1500 V type II without remote contact | | |

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

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS

Conform

Downloads

| | |
|-------------------------|--|
| Engineering Data | Thermal report |
| Technical Documentation | Electrical drawing Mechanical drawing |
| User Documentation | User Manual PV Floating DC Combiner Boxes |
| Catalogues | Catalogues in PDF-format |

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