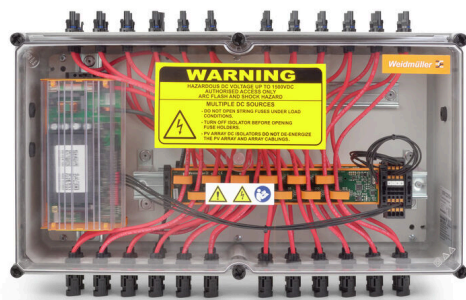


PV 216SXFXCXXVXO1TA1PA15LWW
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com


Intelligent product in a compact size

PV retrofit monitoring boxes make it possible to obtain data at string level in PV systems with existing, unmonitored PV-DC generator combiner boxes. All without additional work such as trenching and cabling.

Integrated power monitoring provided by our Solar SMS monitoring system allows to do the right surveillance of the PV site to guarantee the best performance of the system.

Additionally, our PV monitoring boxes fulfill the standard IEC/EN 61439-2:2020 to guarantee a high reliability of the supplied units.

General ordering data

Version	Photovoltaics, 1500 V, WM4C, for wall mounting, Landscape, Digital signals, Monitoring components, Current monitoring, Voltage monitoring, Temperature monitoring, 16-channel
Order No.	8000135050
Type	PV 216SXFXCXXVXO1TA1PA15LWW
GTIN (EAN)	4099987056205
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	210 mm	Depth (inches)	8.2677 inch
Height	302 mm	Height (inches)	11.8897 inch
Width	558 mm	Width (inches)	21.9685 inch
Net weight	7255 g		

Temperatures

Ambient temperature	-20 °C...45 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6aI, 7a, 7cI
REACH SVHC	Lead 7439-92-1
SCIP	1d28ada4-1634-4382-8635-45f6353a6574

DC electrical properties

Rated voltage	1500 V	Surge protection DC side	No surge protection
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DC inputs

Fuse protection	No	Number of DC inputs	16
Connection DC input cable (-)	WM4 C field connector	Connection DC input cable (+)	WM4 C field connector
Fuse type	Neither fuse cartridge nor holder	Type of fuse	Neither fuse cartridge nor holder

DC outputs

DC output cable connection	WM4 C field connector	Connection type, DC output cable	WM4 C field connector
Number of DC outputs	16		

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
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Norms and standards

Standards	IEC 61439-2 ed 3.0, EN 61439-2:2020
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Guarantee

Time interval	5 years
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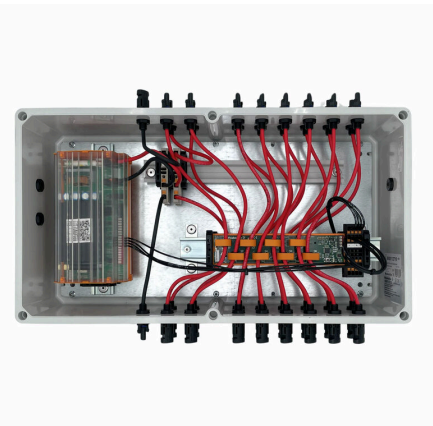
www.weidmueller.com**Technical data****Classifications**

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

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

01 → Switch-disconnector (SW)
 02 → Switch-disconnector with remote disconnection (SW RC)
 03 → Molded Case Circuit Breaker (MCB)
 04 → Molded switch-disconnector (SW M)
 05 → Switch-disconnector with Connector (SW K)
 06 → No Switch-disconnector needed (N/A)

FX: Fuses / Fuseholders position

01 → Fuses both Poles
 02 → Only Positive Poles
 03 → Only Negative Poles
 04 → Only Fuse Holders
 05 → Only Fuse Holder in position (+)
 06 → Only Fuse Holder in position (-)
 07 → 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)

RXX: RIL Fuses Type → R 40/50/63/80/100/125/160/200/250/315/355/400 - (Example R40)

CXX → N/A, RXX → N/A

VX: SPD Type

V0 → SPD Class II / V1 → SPD Class III / V2 → SPD Class I
 VX → No SPD needed (N/A)

OX: Output type

01 → No output needed (N/A)
 02 → Galvanic Isolation
 03 → VMD
 04 → N/A
 05 → Multiple GS

TX: Monitoring Device

T1 → No monitoring (N/A)
 T2 → TC 24V (24V or 1.20kV)
 T3 → TC 24V/1kV
 T4 → TC 24V/1.2kV
 T5 → TC 24V/1.5kV
 T6 → TC 24V/1.8kV
 T7 → TC 24V/2.1kV
 T8 → TC 24V/2.4kV
 T9 → TC 24V/2.7kV
 T10 → TC 24V/3.0kV
 T11 → TC 24V/3.3kV
 T12 → TC 24V/3.6kV
 T13 → TC 24V/3.9kV
 T14 → TC 24V/4.2kV
 T15 → TC 24V/4.5kV
 T16 → TC 24V/4.8kV
 T17 → TC 24V/5.1kV
 T18 → TC 24V/5.4kV
 T19 → TC 24V/5.7kV
 T20 → TC 24V/6.0kV
 T21 → TC 24V/6.3kV
 T22 → TC 24V/6.6kV
 T23 → TC 24V/6.9kV
 T24 → TC 24V/7.2kV
 T25 → TC 24V/7.5kV
 T26 → TC 24V/7.8kV
 T27 → TC 24V/8.1kV
 T28 → TC 24V/8.4kV
 T29 → TC 24V/8.7kV
 T30 → TC 24V/9.0kV
 T31 → TC 24V/9.3kV
 T32 → TC 24V/9.6kV
 T33 → TC 24V/9.9kV
 T34 → TC 24V/10.2kV
 T35 → TC 24V/10.5kV
 T36 → TC 24V/10.8kV
 T37 → TC 24V/11.1kV
 T38 → TC 24V/11.4kV
 T39 → TC 24V/11.7kV
 T40 → TC 24V/12.0kV
 T41 → TC 24V/12.3kV
 T42 → TC 24V/12.6kV
 T43 → TC 24V/12.9kV
 T44 → TC 24V/13.2kV
 T45 → TC 24V/13.5kV
 T46 → TC 24V/13.8kV
 T47 → TC 24V/14.1kV
 T48 → TC 24V/14.4kV
 T49 → TC 24V/14.7kV
 T50 → TC 24V/15.0kV
 T51 → TC 24V/15.3kV
 T52 → TC 24V/15.6kV
 T53 → TC 24V/15.9kV
 T54 → TC 24V/16.2kV
 T55 → TC 24V/16.5kV
 T56 → TC 24V/16.8kV
 T57 → TC 24V/17.1kV
 T58 → TC 24V/17.4kV
 T59 → TC 24V/17.7kV
 T60 → TC 24V/18.0kV
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 T66 → TC 24V/19.8kV
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 T69 → TC 24V/20.7kV
 T70 → TC 24V/21.0kV
 T71 → TC 24V/21.3kV
 T72 → TC 24V/21.6kV
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 T96 → TC 24V/28.8kV
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 T469 → TC 24V/140.7kV
 T470 → TC 24V/141.0kV
 T471 → TC 24V/141.3kV
 T472 → TC 24V/141.6kV
 T473 → TC 24V/141.9kV
 T474 → TC 24V/142.2kV
 T475 → TC 24V/142.5kV
 T476 → TC 24V/142.8kV
 T477 → TC 24V/143.1kV
 T478 → TC 24V/143.4kV
 T479 → TC 24V/143.7kV
 T480 → TC 24V/144.0kV
 T481 → TC 24V/144.3kV
 T482 → TC 24V/144.6kV
 T483 → TC 24V/144.9kV
 T484 → TC 24V/145.2kV
 T485 → TC 24V/145.5kV
 T486 → TC 24V/145.8kV
 T487 → TC 24V/146.1kV
 T488 → TC 24V/146.4kV
 T489 → TC 24V/146.7kV
 T490 → TC 24V/147.0kV
 T491 → TC 24V/147.3kV
 T492 → TC 24V/147.6kV
 T493 → TC 24V/147.9kV
 T494 → TC 24V/148.2kV
 T495 → TC 24V/148.5kV
 T496 → TC 24V/148.8kV
 T497 → TC 24V/149.1kV
 T498 → TC 24V/149.4kV
 T499 → TC 24V/149.7kV
 T500 → TC 24V/150.0kV
 T501 → TC 24V/150.3kV
 T502 → TC 24V/150.6kV
 T503 → TC 24V/150.9kV
 T504 → TC 24V/151.2kV
 T505 → TC 24V/151.5kV
 T506 → TC 24V/151.8kV
 T507 → TC 24V/152.1kV
 T508 → TC 24V/152.4kV
 T509 → TC 24V/152.7