

VPUM2I2SXFV201TXPX10**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com



PV Protect is the solution for optimum protection of the inverter against overvoltages. The ready-to-connect boxes are available for different system voltages and can be supplied with various arrester types and MPP trackers. Depending on requirements, connection is made via cable glands or WM4C connectors with convenient and reliable PUSH IN connection technology.

General ordering data

Version	Surge protection, 2 MPPT's, 1 Input / 1 Output per MPPT, Surge protection II, WM4C, 1000 V
Order No.	2764130000
Type	VPUM2I2SXFV201TXPX10
GTIN (EAN)	4064675016106
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	91 mm	Depth (inches)	3.583 inch
Height	160 mm	Height (inches)	6.299 inch
Width	168 mm	Width (inches)	6.614 inch
Net weight	860 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Humidity	5 - 95% rel. humidity		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Enclosure

Connection type String	Plug WM4C	Enclosure attachment	Via the four holes under the cover screws
Switch disconnecter execution	no switch		

General data

Protection degree	IP67	Standards	EN 50539-11
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Inputs

Amount of Maximum Power Point Tracking	2 MPPT		
DC Input + & -	Wire connection	Type of connection	WM4 C field connector
	Cable entry	Number of cable entries	2
Functional earth connector	Cable entry	Number of cable entries	1
	Wire connection	Type of connection	PUSH IN
Fuse type	Neither fuse cartridge nor holder		

Surge protection DC side

Conditions and requirements	EN 50539-11	Discharge current I_n (8/20 μ s)	20 kA
Discharge current, max. (8/20 μ s)	40 kA	Maximum continuous operating voltage UCPV mode +/-, -/PE, +/-PE	1,100 V DC
Operating height in the grounded PV system	≤ 4000 m	Operating height in ungrounded PV system	≤ 4000 m
PV system voltage, max. U_{cpv}	1,100 V	Protection level U_p (+/-, -/PE, +/-PE)	$\leq 4,2$ kV
Requirements class	Type II	Short-circuit current I_{SCPv}	11 kA
Standards	EN 50539-11	Surge protection DC side	1000 V type II
Total discharge current I_{total} (8/20 μ s)	50 kA		

Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ECLASS 9.1	27-13-08-05
ECLASS 10.0	27-13-08-05	ECLASS 11.0	27-13-08-05
ECLASS 12.0	27-17-90-90		

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Tender specification sheets

Long specification

Designation 2: VPU PV
BOX WM4 II 5 1000 2M
Over voltage protection
box for inverters with
2Mpp tracker, used to
protect the DC side.
Max. String voltage Uoc:
1000 V MPPT1: 1 input,
connection via WM4
C plug-in connector,
compatible with cable type
TÜV 2 Pfg 1169/08.07 /
EN 50618:2069 MPPT
2 is identical to MPPT
1 Connection of the
box in stitch without DC
switch 2 surge protection
type II Connection of
functional earth via
cable glands (8-12mmØ)
cable cross-section:
16mm² Protection class:
IP65 and IP67 Plastic
enclosure Dimensions
HxWxD: 168x160x91
mm According to
standard, EN 50539-11:
2013+A1:2014 IEC
61643-31: 2018

Important note

Product information

The SPD in the box cannot be replaced.

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity
[PV Protect EU Declaration of Conformity](#)

User Documentation

[Manual PV Protect T2](#)

Catalogues

[Catalogues in PDF-format](#)

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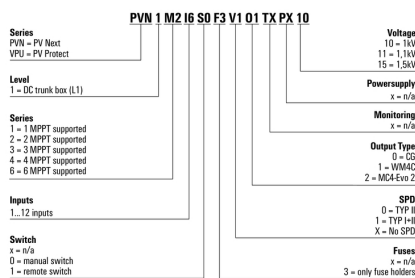
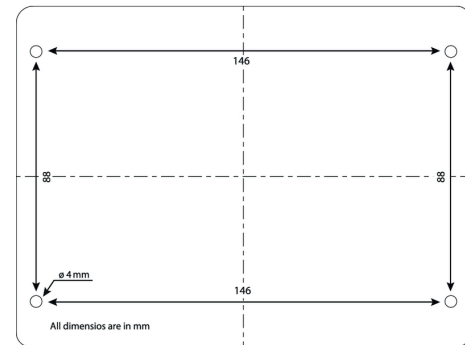
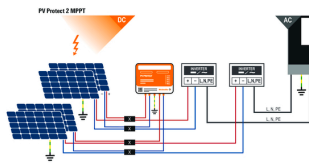
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Drawings



Mouser Electronics

Authorized Distributor

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