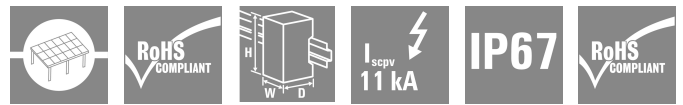


VPUM2I2SXFV201TXPX15

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

www.weidmueller.com



PV Protect is the solution for optimum protection of the inverter against overvoltages. It is very compact and only requires Y-cables to connect to the PV strings. So it is a perfect product to retrofit existing PV residential installations with overvoltage protection.

General ordering data

Version	Surge protection, 2 MPP's, Surge protection II, WM4C, 1500 V
Order No.	2764180000
Type	VPUM2I2SXFV201TXPX15
GTIN (EAN)	4064675016144
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2026-03-31T00:00:00+02:00
Alternative product	PVI DC 1I 1O 2MPP SPD1 MC4 10

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	91 mm	Depth (inches)	3.5827 inch
Height	160 mm	Height (inches)	6.2992 inch
Width	168 mm	Width (inches)	6.6142 inch
Net weight	886 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals and norms

Approvals EN 50539-11

Enclosure

Enclosure attachment	Via the four holes under the cover screws	Connection type string	Plug WM4C
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General data

Standards	EN 50539-11	Protection degree	IP67
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Inputs

Amount of maximum power points (MPP) 2 MPP

Functional earth connector	Cable entry	Number of cable entries	1
	Wire connection	Type of connection	PUSH IN
DC Input + & -	Wire connection	Type of connection	WM4C plug-in connector
	Cable entry	Number of cable entries	2

Fuse type Neither fuse cartridge nor holder

Number of string inputs per MPP 1

Surge protection DC side

Standards	EN 50539-11	Discharge current, max. (8/20 µs)	40 kA
Protection level Up (+/- , -/PE , +/PE)	≤ 4.8 kV	Conditions and requirements	EN 50539-11

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Operating height in ungrounded PV system	≤ 4000 m	Short-circuit current ISCPV	11 kA
Total discharge current I _{total} (8/20μs)	50 kA	Discharge current I _n (8/20 μs)	15 kA
Requirements class	Type II	Operating height in the grounded PV system	≤ 4000 m
PV system voltage, max. U _{cpv}	1500 V		

Important note

Product information The SPD in the box cannot be replaced.

Classifications

ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	EC000941	ECLASS 14.0	27-17-14-02
ECLASS 15.0	27-17-14-02		

Tender specification sheets

Long specification Designation 2: VPU PV
BOX WM4 II 5 1500 2M
Over voltage protection
box for inverters with
2Mpp tracker, used to
protect the DC side.
Max. String voltage U_{oc}:
1500 V MPPT1: 1 input,
connection via WM4
C plug-in connector,
compatible with cable type
TÜV 2 Pfg 1 169/08.07 /
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

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Drawings

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Connection diagram



Connection diagram



	PVN	1	M2	I6	S0	F3	V1	Q1	TX	PX	10
Series											
PVN = PV Next											
VPU = PV Protect											
Level											
1 = DC trunk box (L1)											
Series											
1 = 1 MPPT supported											
2 = 2 MPPT supported											
3 = 3 MPPT supported											
4 = 4 MPPT supported											
6 = 6 MPPT supported											
Inputs											
1...12 inputs											
Switch											
x = n/a											
0 = manual switch											
1 = remote switch											
Voltage											
10 = 1kV											
11 = 1,1kV											
15 = 1,5kV											
Powersupply											
x = n/a											
Monitoring											
x = n/a											
Output Type											
0 = CG											
1 = WM4C											
2 = MC4-Evo 2											
SPD											
2/0 = TYP II											
1 = TYP I+II											
X = No SPD											
Fuses											
x = n/a											
3 = only fuse holders											