

VPUM2I2SXFV200TXPX15

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, Cable gland, PUSH IN connection, 1500 V
Order No.	2756000000
Type	VPUM2I2SXFV200TXPX15
GTIN (EAN)	4064675003366
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

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ROHS Conform

Dimensions and weights

Depth	91 mm	Depth (inches)	3.5827 inch
Height	145 mm	Height (inches)	5.7086 inch
Width	168 mm	Width (inches)	6.6142 inch
Net weight	869 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%

Enclosure

Enclosure attachment	Via the four holes under the cover screws	Connection type string	Internal terminal (with cable gland feed-through)
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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	PUSH IN
	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
Operating height in ungrounded PV system	≤ 4000 m	Short-circuit current ISCPV	11 kA
Total discharge current Itotal (8/20µs)	50 kA	Discharge current In (8/20 µs)	15 kA
Requirements class	Type II	Operating height in the grounded PV system	≤ 4000 m
PV system voltage, max. Ucpv	1500 V		

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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 CG II 5 1500 2M
 Over voltage protection
 box for inverters with
 2Mpp tracker, used to
 protect the DC side.
 Max. String voltage Uoc:
 1500 V MPPT1: 1 input,
 connection via cable gland
 (4-8mmØ) cable cross
 section: max. 16mm²
 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:168x145x91
 mm According to
 standard, EN 50539-11:
 2013+A1:2014 IEC
 61643-31: 2018

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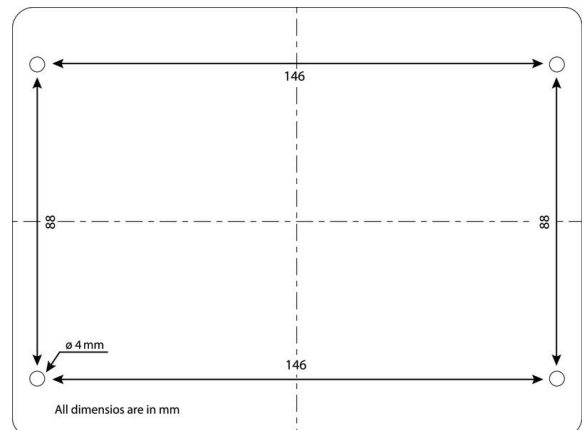
Drawings

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Connection diagram



Connection diagram



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