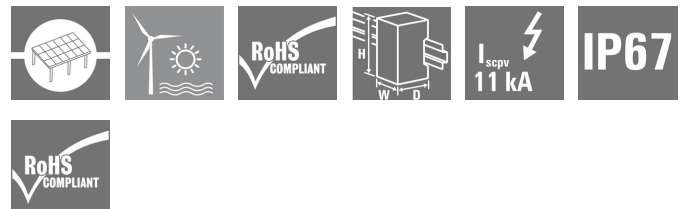


VPUM2I2SXXV101TXPX10

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. 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 I / II, WM4C, 1000 V
Order No.	2764150000
Type	VPUM2I2SXXV101TXPX10
GTIN (EAN)	4064675016120
Qty.	1 Stück

VPUM2I2SXXFXV101TXPX10

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Technische Daten

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	1,008 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	Lightning test current I_{imp} (10/350 μ s)	6.25 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 I/II
Short-circuit current I_{SCP}	11 kA	Standards	EN 50539-11
Surge protection DC side	1000 V type I + II	Total discharge current I_{total} (8/20 μ s)	50 kA
Total discharge current I_{total} (10/350 μ s)	12.5 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

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Technische Daten

Tender specification sheets

Long specification	Designation 2: VPU PV BOX WM4 I-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
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Important note

Product information	The SPD in the box cannot be replaced.
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Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	PV Protect EU Declaration of Conformity
User Documentation	Manual PV Protect T1
Catalogues	Catalogues in PDF-format

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Zeichnungen

