

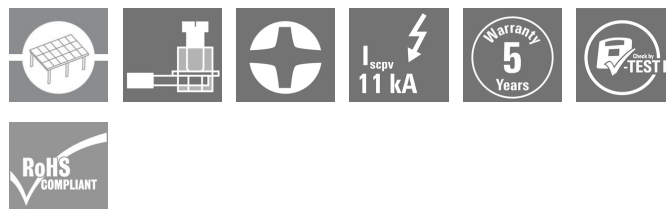
VPU PV II 3 1500**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**General ordering data**

Version	Surge voltage arrester, Low voltage, Surge protection II
Order No.	2530640000
Type	VPU PV II 3 1500
GTIN (EAN)	4050118540857
Qty.	1 pièce(s)
Replacement parts	2530630000

VPU PV II 3 1500

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Caractéristiques techniques

Dimensions and weights

Depth	70 mm	Depth (inches)	2,756 inch
Height	96 mm	Height (inches)	3,78 inch
Width	54 mm	Width (inches)	2,126 inch
Mounting dimension - height	75 mm	Net weight	420 g

Temperatures

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

Rated data UL

Ambient temperature (operational), max. 85 °C		Rated Voltage U_N	1 500 V
SCCR	65 kA	I_n	20 kA
Category	SPD TYPE 1CA	Ambient temperature (operational), min. -40 °C	
Certificate No. (cURus)	E35426 10000	VPR (DC+/DC-)	4 000 V
VPR (DC-/G)	4 000 V	Voltage type	DC

General data

Number of poles	3	Protection degree	IP20
Colour	black, orange		

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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Photovoltaic technical data

Discharge current I_n (8/20 μ s)	20 kA	Operating height in the grounded PV system	\leq 2000 m
Operating height in ungrounded PV system	\leq 4000 m	PV system voltage, max. U_{cpv}	1 500 V
Protection level U_p (+/-, -/PE, +/-PE)	\leq 5,0 kV	Requirements class	Type II
Short-circuit current I_{SCPV}	11 000 A	Standards	EN 61643-31, EN 50539-11, UL 1449
Total discharge current I_{total} (8/20 μ s)	40 kA		

Rated data IEC / EN

Discharge current I_{max} (8/20 μ s) wire-PE	30 kA	Leakage current at U_n	30 μ A
Number of poles	3	Rated voltage (DC)	1500 V
Response time	\leq 25 ns	SPD type	T2
Signalling contact	No	Standards	EN 61643-31, EN 50539-11, UL 1449
Voltage type	DC		

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Caractéristiques techniques

Connection data

Stripping length	18 mm	Type of connection	Screw connection
Stripping length, rated connection	18 mm	Tightening torque, min.	3 Nm
Tightening torque, max.	4,5 Nm	Clamping range, rated connection	6 mm ²
Clamping range, min.	1,5 mm ²	Clamping range, max.	35 mm ²
Wire cross-section, solid, min.	1,5 mm ²	Wire cross-section, solid, max.	16 mm ²
Wire connection cross section, finely stranded, min.	1,5 mm ²	Wire connection cross section, finely stranded, max.	25 mm ²
Connection cross-section, stranded, min.	1,5 mm ²	Connection cross-section, stranded, max.	35 mm ²

Electrical data

Voltage type	DC
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Guarantee

Time interval	5 years
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Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	EC000941
ECLASS 9.0	27-13-08-05	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	ECLASS 13.0	27-17-90-90
ECLASS 14.0	27-17-90-90		

Environmental Product Compliance

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

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E3542610000

Downloads

Approval/Certificate/Document of Conformity	CE VPU_PV
Engineering Data	CAD data – STEP
Tender specification	Ausschreibungstext DE Tenderspecification EN
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format

Fiche de données

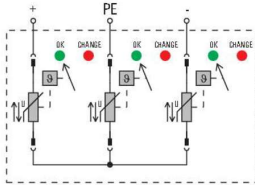
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Dessins

Electric symbol



Circuit diagram