

**VPU II 2 PV 1000V DC**

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

www.weidmueller.com



**General ordering data**

Version	Surge voltage arrester, Low voltage, without telecomm. contact
Order No.	<a href="#">1351220000</a>
Type	VPU II 2 PV 1000V DC
GTIN (EAN)	4050118158830
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	<a href="#">VPU PV II 3 1000</a>

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Depth	69 mm	Depth (inches)	2.7165 inch
Height	94 mm	Height (inches)	3.7008 inch
Width	35.6 mm	Width (inches)	1.4016 inch
Mounting dimension - height	75 mm	Net weight	282 g

### Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...70 °C
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### Environmental Product Compliance

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

### General data

Optical function display	green = OK; red = arrester is defective - replace	Version	without telecomm. contact
Design	Installation housing; 2TE, Insta IP 20	UL 94 flammability rating	V-0
Colour	black, orange	Protection degree	IP20
Mounting rail	TS 35	Operating altitude	≤ 2000 m

### Insulation coordination acc. to EN 50178

Surge voltage category	III	Pollution severity	2
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### Photovoltaic technical data

Standards	EN 50539-11	Short-circuit current ISCPV	200 A
Discharge current $I_n$ (8/20 μs)	12.5 kA	Requirements class	Type II
Protection level Up (-/PE)	≤ 2.8 kV	Protection level Up (+/-)	≤ 5.6 kV
Protection level Up (+/PE)	≤ 2.8 kV	PV system voltage, max. Ucpv	1000 V
Maximum continuous operating voltage DC UCPV mode +/-, -/PE, +/PE	1000 V		

### Rated data IEC / EN

Number of poles	2	Leakage current at $U_n$	30 μA
Signalling contact	No	Rated voltage (DC)	1000 V
PV voltage, acc. to IEC 60364-7-712	≤ 1000 V	Voltage type	DC
Response time / fallback time	≤ 25 ns	Standards	EN 50539-11
Max. continuous voltage, $U_c$ (DC)	1000 V	Discharge current $I_n$ (8/20μs) wire-PE	12.5 kA
Discharge current $I_{max}$ (8/20μs) wire-PE	25 kA	SPD type	T2
Integrated back-up fuse	No		

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### Connection data

Stripping length	15 mm	Type of connection	Screw connection
Stripping length, rated connection	15 mm	Tightening torque, min.	2 Nm
Tightening torque, max.	3 Nm	Clamping range, rated connection	16 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Clamping range, max.	35 mm <sup>2</sup>
Wire cross-section, solid, min.	1.5 mm <sup>2</sup>	Wire cross-section, solid, max.	16 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	25 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	1.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	50 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	50 mm <sup>2</sup>

### Electrical data

Voltage type	DC
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### General data

Number of poles	2	Protection degree	IP20
Colour	black, orange		

### Classifications

ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	EC000941	ECLASS 14.0	27-17-90-90
ECLASS 15.0	27-17-90-90		

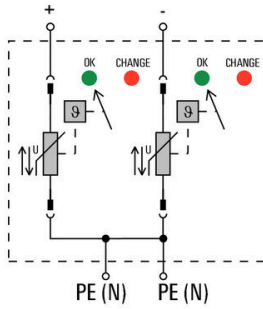
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**Drawings**

**Electric symbol**



Circuit diagram