

**VPU II 0 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, Accessories
Order No.	<a href="#">1351190000</a>
Type	VPU II 0 PV 1000V DC
GTIN (EAN)	4050118158847
Qty.	1 Stück

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## Technische Daten

### Dimensions and weights

Depth	64 mm	Depth (inches)	2.52 inch
Height	52 mm	Height (inches)	2.047 inch
Width	17.8 mm	Width (inches)	0.701 inch
Net weight	103 g		

### Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...
Operating temperature, min.	-40 °C		

### General data

Colour	orange	Design	Installation housing; 1TE, Insta IP 20
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP20
Rail	TS 35	UL 94 flammability rating	V-0

### Insulation coordination acc. to EN 50178

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

Maximum continuous operating voltage DC UCPV mode +/-, -/PE, +/PE	1,000 V	PV system voltage, max. $U_{cpv}$	1,000 V
Protection level $U_p$ (+/-, -/PE, +/PE)	$\leq 2.6$ kV	Protection level $U_p$ at $I_n$ (per module)	$\leq 2.8$ kV
Requirements class	Type II	Short-circuit current $I_{SCPV}$	200 A
Standards	EN 50539-11		

### Rated data IEC / EN

Discharge current $I_{max}$ (8/20 $\mu$ s) wire-PE	25 kA	Discharge current $I_n$ (8/20 $\mu$ s) wire-PE	12.5 kA
Leakage current at $U_n$	30 $\mu$ A	Max. continuous voltage, $U_c$ (DC)	1000 V
Number of poles	1	PV voltage, acc. to IEC 60364-7-712	$\leq 1000$ V
Protection level $U_p$ at $I_N$ (L/N-PE)	$\leq 2.8$ kV	Rated voltage (DC)	1000 V
Response time	$\leq 25$ ns	Standards	EN 50539-11
Voltage type	DC		

### Connection data

Type of connection	pluggable
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### Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	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

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### Tender specification sheets

Long specification	Spare arrester consisting of V0 material for surge voltage arrester VPU II 1000 VDC series	Short specification	Spare arrester for surge voltage arrester VPU II 1000 V DC series
	The pluggable high-performance varistors can be exchanged by trained personnel following a failure. Rated voltage: 1000 VDC for PV systems Type: Weidmüller VPU II 0 PV 1000 VDC Order No.: 1351190000		The pluggable high-performance varistors can be swapped by trained personnel following a failure. Rated voltage: 1000 V DC for PV systems Type: Weidmüller VPU II 0 PV 1000 V DC Order no.: 1351190000

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC VPU SERIES</a> <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">WSCAD, EPLAN</a>
User Documentation	<a href="#">Beipackzettel / Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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Zeichnungen

