

VPU II 0 PV 1200V 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.	1351390000
Type	VPU II 0 PV 1200V DC
GTIN (EAN)	4050118158694
Qty.	1 Stück
Delivery status	This article will no longer be available in the future.
Available until	2022-05-19
Alternative product	1351190000

Erstellungs-Datum May 15, 2023 1:58:50 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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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	97 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	1,200 V	PV system voltage, max. U_{cpv}	1,200 V
Protection level U_p (+/-, -/PE, +/-PE)	≤ 4.4 kV	Protection level U_p at I_n (per module)	≤ 4.4 kV
Requirements class	Type II	Short-circuit current I_{SCPV}	200 A
Standards	EN 50539-11		

Rated data IEC / EN

Discharge current I_{max} (8/20μs) wire-PE	40 kA	Discharge current I_n (8/20μs) wire-PE	20 kA
Leakage current at U_n	30 μA	Max. continuous voltage, U_c (DC)	1200 V
Number of poles	1	PV voltage, acc. to IEC 60364-7-712	< 1200 V
Protection level U_p at I_N (L/N-PE)	≤ 2.2 kV	Rated voltage (DC)	1200 V DC
Response time	≤ 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 1200 VDC series	Short specification	Spare arrester for surge voltage arrester VPU II 1200 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 1200 VDC Order No.: 1351390000		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 1200 V DC Order no.: 1351390000

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC VPU SERIES EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	WSCAD, EPLAN
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format

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Zeichnungen

