

VPU II 0 PV 1500V 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.	1351480000
Type	VPU II 0 PV 1500V DC
GTIN (EAN)	4050118158632
Qty.	1 Stück
Delivery status	This article will no longer be available in the future.
Available until	2022-12-31
Alternative product	2530630000

Erstellungs-Datum May 15, 2023 1:51:19 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	89.8 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	1,500 V	PV system voltage, max. U_{cpv}	1,500 V
Protection level U_p (+/-, -/PE, +/-PE)	≤ 5.2 kV	Protection level U_p at I_n (per module)	≤ 5.2 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 μ s) wire-PE	25 kA	Discharge current I_n (8/20 μ s) wire-PE	12.5 kA
Leakage current at U_n	30 μ A	Max. continuous voltage, U_c (DC)	1500 V
Number of poles	1	PV voltage, acc. to IEC 60364-7-712	< 1500 V
Protection level U_p at I_N (L/N-PE)	≤ 2.6 kV	Rated voltage (DC)	1500 V
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 1500 VDC series The pluggable high-performance varistors can be exchanged by trained personnel following a failure. Rated voltage: 1500 VDC for PV systems Type: Weidmüller VPU II 0 PV 1500 VDC Order No.: 1351480000	Short specification	Spare arrester for surge voltage arrester VPU II 1500 V DC series The pluggable high-performance varistors can be swapped by trained personnel following a failure. Rated voltage: 1500 V DC for PV systems Type: Weidmüller VPU II 0 PV 1500 V DC Order no.: 1351480000

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

