

**VPU series
SPD II 0 PV 600VDC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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www.weidmueller.com

Spare type 2 arrester for the SPD PV series

General ordering data

Delivery status	Discontinued
Available until	2018-05-31
Type	SPD II 0 PV 600VDC
Order No.	1348520000
Version	Surge protection, Low voltage, Accessories, Spare arrester
GTIN (EAN)	4050118153019
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	18 mm	Width (inches)	0.709 inch
Height	45 mm	Height (inches)	1.772 inch
Depth	58 mm	Depth (inches)	2.283 inch
Net weight	95 g		

Temperatures

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...70 °C	Storage temperature	-40 °C...85 °C

Rated data UL

UL certificate	E-File 354261 Type 2 by UL1449 Ed.3	Test Voltage 39.1 (UL 1449)	600 V
VPR (L/N-PE)	2 kV	MCOV (L/N-PE)	600 Vdc
SCCR	200 kA	I _{max}	50 kA
I _n	20 kA	Category	Typ 2

General data

Colour	Light Grey	Design	Insta IP 20
Height with TS 35	74 mm	Optical function display	grey = ok, red = arrester is defective, replace it
Protection degree	IP20	UL 94 flammability rating	V-0
Version	Spare arrester		

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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Photovoltaic technical data

Discharge current, max. (8/20 µs)	50 kA	I _{CC}	70 A
Maximum continuous operating voltage UCPV mode +/-, -/PE, +/-PE	550 V DC	Protection level U _p at I _n (per module)	2200 V
Protection level U _p mode (+/-, -/PE, +/-PE)	4000 V	Total discharge current I _{total}	100 kA

Rated data IEC / EN

Discharge current I _n (8/20µs) wire-wire	20 kA	Discharge current, max. (8/20 µs)	50 kA
Max. continuous voltage, U _c (DC)	550 V	Number of poles	1
Protection level U _p at I _N (L/N-PE)	≤ 2.2 kV	Rated voltage (DC)	600 V
Response time	≤ 100 ns	Total discharge current I _{total}	100 kA
Voltage type	DC		

Connection data

Type of connection	Plug-in connection
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Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
eClass 9.0	27-13-08-05	eClass 9.1	27-13-08-05
eClass 10.0	27-13-08-05	UNSPSC	30-21-19-21

Approvals

ROHS	Conform
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Downloads

Engineering Data	WSCAD
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