



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**Surge protection  
SPD II 0 PV 1000VDC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



Spare type 2 arrester for the SPD PV series

**General ordering data**

Order No.	<a href="#">1348480000</a>
Type	SPD II 0 PV 1000VDC
Version	Surge protection, Low voltage, Spare arrester
GTIN (EAN)	4050118152838
Qty.	1 pc(s).

## Surge protection SPD II 0 PV 1000VDC

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## Technical data

### Dimensions and weights

Width	18 mm	Height	45 mm
Depth	58 mm	Net weight	72 g

### Temperatures

Operating temperature	-40 °C...+70 °C	Storage temperature	-40 °C...+85 °C
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### General data

Colour	Light Grey	Lightning arrester	No
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP 20
UL 94 flammability rating	V-0		

### Insulation coordination acc. to EN 50178

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

Max. continuous voltage, $U_c$ (DC)	1000 V	Total discharge current $I_{total}$	40 kA
Discharge current, max. (8/20 $\mu$ s)	20 kA	Protection level $U_p$ (typ.)	$\leq 4000$ V
Colour	Light Grey	AC/DC/UC	DC
Response time	$\leq 100$ ns		

### Photovoltaic technical data

Maximum continuous operating voltage UCPV mode +/-, -/PE, +/PE	1,000 V DC	Protection level $U_p$ at $I_n$ (per module)	4000 V
Protection level $U_p$ mode (+/-, -/PE, +/PE)	4000 V		

### Rated data UL

Category	Typ 2	$I_{max}$	20 kA
$I_n$	10 kA	MCOV	1,000 Vdc
SCCR	200 kA	Test Voltage 39.1 (UL 1449)	1,000 V
UL certificate	E-File 354261 Type 2 by UL1449 Ed.3	VPR	4 V

### Classifications

ETIM 3.0	EC000941	UNSPSC	30-21-19-21
eClass 5.1	27-13-08-01	eClass 6.2	27-13-08-02
eClass 7.1	27-14-02-01		

### Approvals

ROHS	Conform
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### Downloads

Declaration of Conformity	<a href="#">K481_05_12.pdf</a>
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