

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

**Weidmüller Interface GmbH & Co. KG**  
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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).

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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 <sub>c</sub> (DC)	1000 V	Total discharge current I <sub>total</sub>	40 kA
Discharge current, max. (8/20 μs)	20 kA	Protection level U <sub>p</sub> (typ.)	≤ 4000 V
Colour	Light Grey	AC/DC/UC	DC
Response time	≤ 100 ns		

**Photovoltaic technical data**

Maximum continuous operating voltage UCPV mode +/-, -/PE, +/PE	1,000 V DC	Protection level U <sub>p</sub> at I <sub>n</sub> (per module)	4000 V
Protection level U <sub>p</sub> mode (+/-, -/PE, +/PE)	4000 V		

**Rated data UL**

Category	Typ 2	I <sub>max</sub>	20 kA
I <sub>n</sub>	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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