

## VPU series SPD II 0 PV 1000VDC

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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 1000VDC
Order No.	<a href="#">1348480000</a>
Version	Surge protection, Low voltage, Accessories, Spare arrester
GTIN (EAN)	4050118152838
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	100 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)	1,000 V
VPR (L/N-PE)	4 V	MCOV (L/N-PE)	1,000 Vdc
SCCR	200 kA	I <sub>max</sub>	20 kA
I <sub>n</sub>	10 kA	Category	Typ 2

**General data**

Colour	Light Grey	Design	Insta IP 20
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)	20 kA	I <sub>cc</sub>	70 A
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	Total discharge current I <sub>total</sub>	40 kA

**Rated data IEC / EN**

Discharge current I <sub>n</sub> (8/20µs) wire-wire	20 kA	Discharge current, max. (8/20 µs)	20 kA
Max. continuous voltage, U <sub>c</sub> (DC)	1000 V	Number of poles	1
Protection level U <sub>p</sub> at I <sub>N</sub> (L/N-PE)	≤ 2.6 kV	Rated voltage (DC)	1000 V
Response time	≤ 100 ns	Total discharge current I <sub>total</sub>	40 kA
Voltage type	DC		

**Connection data**

Type of connection	Plug-in connection
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**Technical data****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	<a href="#">WSCAD</a>
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