

**Surge protection
SPD II 0 PV 600VDC**

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Spare type 2 arrester for the SPD PV series

General ordering data

Order No.	1348520000
Type	SPD II 0 PV 600VDC
Version	Surge protection, Low voltage, Spare arrester
GTIN (EAN)	4050118153019
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	Height with TS 35	74 mm
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)	550 V	Total discharge current I_{total}	100 kA
Discharge current, max. (8/20 μ s)	50 kA	Protection level U_p (typ.)	≤ 2000 V
Colour	Light Grey	AC/DC/UC	DC
Response time	≤ 100 ns		

Photovoltaic technical data

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		

Rated data UL

Category	Typ 2	I_{max}	50 kA
I_n	20 kA	MCOV	600 Vdc
SCCR	200 kA	Test Voltage 39.1 (UL 1449)	600 V
UL certificate	E-File 354261 Type 2 by UL1449 Ed.3	VPR	2 kV

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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Declaration of Conformity	K481_05_12.pdf
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