



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Surge protection SPD II 1 150V/50KA

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



Surge protection for use in low-voltage supplies. The SPD II series is tested according to UL 1449 ed. 3 (file E354261) as type 4 for use in type 2 applications. These arresters are used in mains voltages up to 150 V L-PEN, installed according to the mains system specifications and are able to discharge a rated current of up to 50 kA (8/20 μ s) per path. The compact and modular structure of the SPD II is only 17.8 mm wide (1 E) per arrester, and enables rapid and simple exchange of the arrester. Thanks to this spare arrester, the SPD II 150 V protection can be re-activated after a failure.

General ordering data

Order No.	1348340000
Type	SPD II 1 150V/50KA
Version	Surge protection, Low voltage, without telecomm. contact
GTIN (EAN)	4050118152487
Qty.	1 pc(s).

**Surge protection
SPD II 1 150V/50KA**

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

Technical data**Dimensions and weights**

Width	18 mm	Height	90 mm
Depth	73.5 mm	Net weight	138 g

Temperatures

Operating temperature	-40 °C...+70 °C	Storage temperature	-40 °C...+85 °C
-----------------------	-----------------	---------------------	-----------------

General data

Colour	Light Grey	Design	Installation housing; 1TE
Height with TS 35	74 mm	Lightning arrester	No
Mounting rail	TS 35, TS 35 x 15, TS 35 x 7.5	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
--------------------	---	------------------------	-----

technical data

Rated voltage (AC)	120 V	Highest continuous voltage (AC)	150 V
Short-circuit current rating I_{SCCR}	200 kA	Total discharge current I_{total}	50 kA
Discharge current, max. (8/20 μ s)	50 kA	Protection level U_p (typ.)	≤ 1200 V
Colour	Light Grey	AC/DC/UC	AC
Response time	≤ 100 ns		

Connection data

Clamping range, rated connection	25 mm ²	Clamping range, rated connection, min.	4 mm ²
Clamping range, rated connection, max.	35 mm ²	Wire connection cross section, stranded, rated connection, min.	2.5 mm ²
Wire connection cross section, stranded, rated connection, max.	25 mm ²	Tightening torque, min.	2.5 Nm
Tightening torque, max.	3.5 Nm	Stripping length, rated connection	15 mm

Rated data UL

Category	Typ 2	I_{max}	50 kA
I_n	20 kA	MCOV	150 Vac
SCCR	200 kA	Test Voltage 39.1 (UL 1449)	240 V
UL certificate	E-File 354261 Type 2 by UL1449 Ed.3	VPR	1.2 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		

Data sheet...**Surge protection
SPD II 1 150V/50KA**

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

Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

Declaration of Conformity

[K481_05_12.pdf](#)

EPLAN

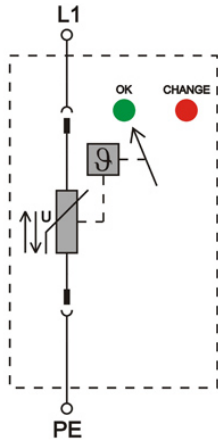
[1348340000.ema](#)

**Surge protection
SPD II 1 150V/50KA**

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

Drawings

Electric symbol



Circuit diagram