SPT 3.6x10

Subminiature Fuse, 3.6 x 10 mm, Time-lag T, 250 VAC



IEC 60127-3 · 250 VAC · Time-Lag T

See below:
Approvals and Compliances

Description
- Ceramic Tube
- IEC Standard Miniature Fuse

Applications
- Digital Consumer Electronics
- Power supplies

Weblinks
pdf data sheet, html datasheet, General Product Information, Distributor-Stock-Check, Detailed request for product

Technical Data

Rated Voltage	250 VAC
Rated current	0.1 - 5 A
Breaking Capacity	35 A - 40 A
Characteristic	Time-Lag T
Mounting	PCB,THT
Admissible Ambient Temp.	-20 °C to 70 °C
Material: Tube	Ceramic
Material: Endcaps	Nickel-Plated Brass
Material: Axial Leads	Tin-Plated Copper
Unit Weight	0.6 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	, Rated current, Rated Voltage, Characteristic, Certification marks

Soldering Methods	Wave Soldering Profile
Solderability	235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1
Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 1A

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: SPT 3.6x10

Approval Logo	Certificates	Certification Body	Description
VDE	VDE Approvals	VDE	VDE Certificate Number: 40015228
c UL us	UL Approvals	UL	UR File Number: E184831
CCC	CCC Approvals	CCC	CCC Certificate Number: Refer to the link 'CCC-Approvals'

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Product standards

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60127-3/4	Miniature fuses - Part 3: Miniature fuse-links
UL	Designed according to	UL 248-14	Low voltage fuses - Part 14: Supplemental fuses
CSA Group	Designed according to	CSA22.2 No. 248.14	Low-Voltage Fuses - Part 14: Supplemental Fuses

Application standards

Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

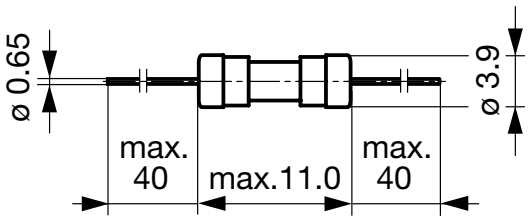
Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
UKCA	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
RoHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
China RoHS	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimension [mm]

10 mm

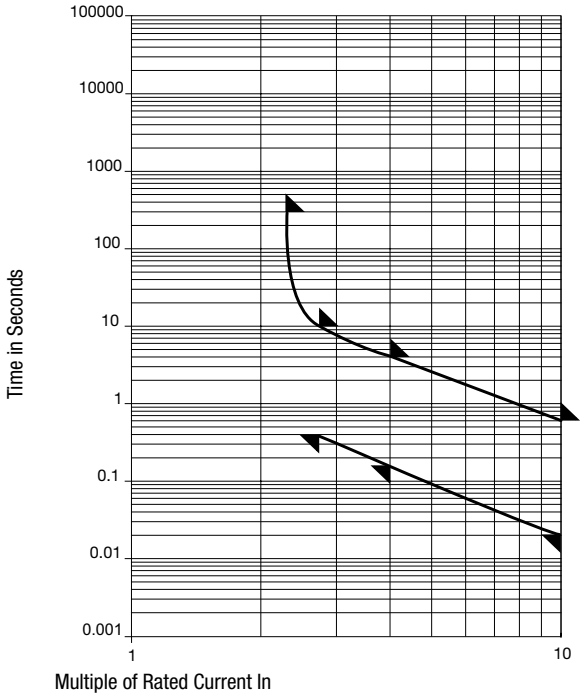


Pre-Arcing Time

Rated Current In	2.1 x In max.	2.75 x In min.	2.75 x In max.	4.0 x In min.	4.0 x In max.	10.0 x In min.	10.0 x In max.
0.1 A - 5 A	120 s	400 ms	10 s	150 ms	3 s	20 ms	150 ms

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Time-Current-Curves



Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I_n max. [mV]	Voltage Drop 1.0 I_n typ. [mV]	Power Dissipation 1.5 I_n max. [mW]	Melting I^2t 10.0 I_n typ. [A^2s]	VDE	cULus	CQC	Order Number
0.1	250	1)	350	300	170	0.08	●			8020.0504.PT
0.125	250	1)	300	255	180	0.15	●			8020.0505.PT
0.2	250	1)	260	200	200	0.4	●			8020.0507.PT
0.25	250	1)	240	160	220	0.2	●			8020.0508.PT
0.315	250	1)	220	150	250	0.75	●			8020.0509.PT
0.4	250	1)	200	110	280	0.45	●	●		8020.0510.PT
0.5	250	1)	190	140	310	2.6	●	●		8020.0511.PT
0.63	250	1)	180	120	360	5	●	●		8020.0512.PT
0.8	250	1)	160	80	430	7.5	●	●		8020.0513.PT
1	250	1)	140	120	500	11	●	●		8020.0514.PT
1.25	250	1)	130	70	600	5		●		8020.0515.PT
1.6	250	1)	120	90	730	17.5		●		8020.0516.PT
2	250	1)	100	80	870	32	●	●		8020.0517.PT
2.5	250	1)	100	75	1000	66		●		8020.0518.PT
3.15	250	1)	100	80	1200	131	●	●		8020.0519.PT
4	250	2)	100	70	1400	120	●	●		8020.0520.PT
5	250	2)	100	70	-	250	●	●		8020.0521.PT

Availability for all products can be searched real-time: https://www.schurter.com/en/info-center/support-tools/stock-check-distributors

1) 35 A @ 250 VAC

2) 40 A @ 250 VAC

Packaging Unit .xx = .PT Bulk (1000 pcs.)

10.08.2026

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.

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