



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!



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Surface Mount Fuse, 11 x 4.6 mm, Quick-Acting F, 250 VAC, 250 DC



Exemplary part photo depending on part no.

IEC 60127-4 · 250 VAC · 250 VDC · Quick-Acting F



### Description

- Directly solderable on printed circuit boards

### Standards

- IEC 60127-4/2
- UL 248-14
- CSA C22.2 no. 248.14
- Telcordia GR-1089
- UL 60950 / IEC 60950
- ITU-T K.20 and K.21
- TIA-968-A

### Approvals

- VDE Certificate Number: 106328
- UL File Number: E41599

### Applications

- Primary protection on SMD PCBs


### References

[Packaging Details](#)  
[Fuse Kit](#) [Fuse Kit OMF](#)

### Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

### Technical Data

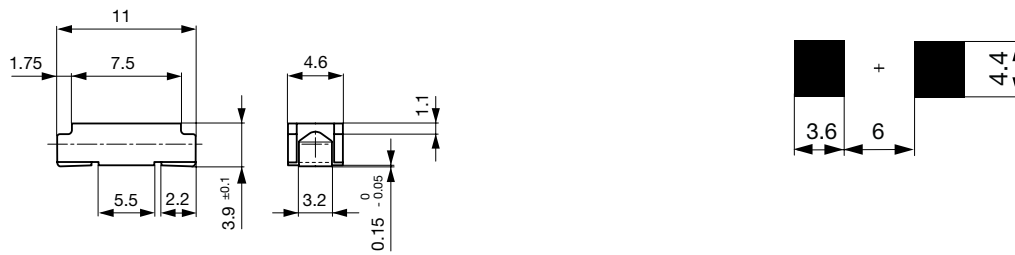
Rated Voltage	250 VAC, 250 VDC
Rated current	0.25 - 4 A
Breaking Capacity	100 A
Characteristic	Quick-Acting F
Mounting	PCB,SMT
Admissible Ambient Air Temp.	-55 °C to 125 °C
Climatic Category	55/125/21 acc. to IEC 60068-1
Material: Housing	Thermoplastic, UL 94V-0
Material: Terminals	Tin-Plated Copper Alloy
Unit Weight	0.36 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Type, Rated current, Characteristic, Breaking Capacity, Approvals

Soldering Methods	Reflow, Wave <a href="#">Soldering Profile</a>
Solderability	245 °C / 3 sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-58, Test Td
Load Humidity Test	MIL-STD-202, Method 103B 0.1 x In @ 0.85 r.H. @ 85 °C
Moisture Resistance Test	MIL-STD-202, Method 106E (50 cycles in a temp./mister chamber)
Terminal Strength	MIL-STD-202, Method 211A (Deflection of board 1 mm for 1 minute)
Thermal Shock	MIL-STD-202, Method 107D (200 air-to-air cycles from -55 to +125 °C)
Case Resistance	acc. to EIA/IS-722, Test 4.7 >100 MΩ (between leads and body)
Mechanical Shock	MIL-STD-202, Method 213B (Shock 50g, half sine wave, 11 ms)
Vibration, High Frequency	MIL-STD-202, Method 204D Shock 20 gn, 20 min, 10-2 kHz, 12 cyc.
Resistance to Solvents	MIL-STD-202, Method 215A
Flammability	min. UL 94V-1 (acc. to EIA/IS-722, Test 4.12)

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

## Dimension

11 mm



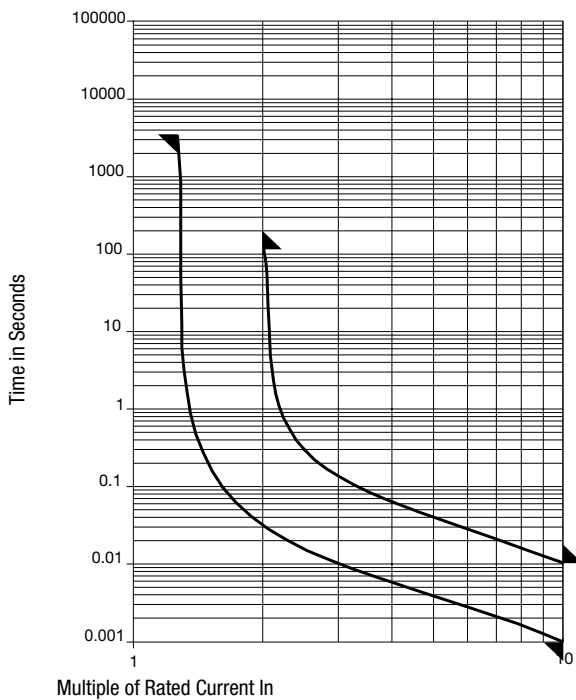
Soldering pads

## Pre-Arcing Time


Rated Current  $I_n$     1.25 x  $I_n$  min.    2.0 x  $I_n$  max.    10.0 x  $I_n$  min.    10.0 x  $I_n$  max.


0.25 A - 4 A	60 min	120 s	1 ms	10 ms
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## Time-Current-Curves



## All Variants

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 $I_n$ max. [mV]	Voltage Drop 1.0 $I_n$ typ. [mV]	Power Dissipation 1.25 $I_n$ typ. [mW]	Melting $I^2t$ 10.0 $I_n$ Intyp. [A <sup>2</sup> s]		Order Number
0.25	250	250	1)	-	1100	480	0.012	●	3403.0010.11
0.25	250	250	1)	-	1100	480	0.012	●	3403.0010.24
0.315	250	250	1)	-	1000	430	0.019	●	3403.0011.11
0.315	250	250	1)	-	1000	430	0.019	●	3403.0011.24
0.4	250	250	2)	700	230	190	0.02	●	3403.0012.11
0.4	250	250	2)	700	230	190	0.02	●	3403.0012.24
0.5	250	250	1)	600	190	190	0.03	●	3403.0013.11

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.25 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 10.0 Intyp. [A <sup>2</sup> s]		Order Number
0.5	250	250	1)	600	190	190	0.03	● ●	3403.0013.24
0.63	250	250	1)	500	170	230	0.07	● ●	3403.0014.11
0.63	250	250	1)	500	170	230	0.07	● ●	3403.0014.24
0.8	250	250	1)	400	200	330	0.12	● ●	3403.0015.11
0.8	250	250	1)	400	200	330	0.12	● ●	3403.0015.24
1	250	250	1)	300	170	390	0.23	● ●	3403.0016.11
1	250	250	1)	300	170	390	0.23	● ●	3403.0016.24
1.25	250	250	1)	300	150	390	0.47	● ●	3403.0017.11
1.25	250	250	1)	300	150	390	0.47	● ●	3403.0017.24
1.6	250	250	1)	300	150	490	0.84	● ●	3403.0018.11
1.6	250	250	1)	300	150	490	0.84	● ●	3403.0018.24
2	250	250	1)	300	140	600	1.4	● ●	3403.0019.11
2	250	250	1)	300	140	600	1.4	● ●	3403.0019.24
2.5	250	250	1)	300	130	670	2.6	● ●	3403.0020.11
2.5	250	250	1)	300	130	670	2.6	● ●	3403.0020.24
3.15	250	250	1)	300	130	870	4.8	● ●	3403.0021.11
3.15	250	250	1)	300	130	870	4.8	● ●	3403.0021.24
4	250	250	1)	300	100	950	8.6	● ●	3403.0022.11
4	250	250	1)	300	100	950	8.6	● ●	3403.0022.24

Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

1) 100 A @ 250 VAC/DC

2) 100 A @ 250 VAC/DC / 50 A @ 400 VDC

**Packaging Unit**      .xx = .11 Plastic Bag (100 pcs.)  
                                 .xx = .24 Blister Tape 33 cm Reel (2000 pcs.)