

## 阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

## Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .

Surface Mount Fuse, 3.2 x 1.6 mm, Super-Quick-Acting FF, 32 VAC, 63 VDC



Exemplary part photo depending on part no.

UL 248-14 · 125 VAC · 125 VDC · Super-Quick-Acting FF



### Description

- UL characteristic
- Low melting I<sup>2</sup>t-values, fast interruption
- Impermeable to potting compound

### Standards

- UL 248-14
- CSA C22.2 no. 248.14

### Approvals

- Approval Reference Type: USF 1206
- UL File Number: E41599

### Applications

- Secondary Protection DC and AC
- Circuits without inrush
- Semiconductor protection

### References

[Packaging Details](#)

### 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](#), [Microsite](#)

### Technical Data

Rated Voltage	32 - 125VAC, 63 - 125VDC
Rated current	0.375 - 4 A
Breaking Capacity	50A
Characteristic	Super-Quick-Acting FF
Mounting	PCB,SMT
Admissible Ambient Air Temp.	-55 °C to 90 °C
Climatic Category	55/090/21 acc. to IEC 60068-1
Material: Housing	Epoxyd Glass, UL 94V-0
Material: Terminals	Copper, Ni/Au-plated
Unit Weight	0.006 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Letter (see variants)

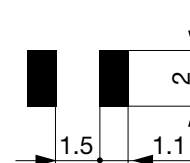
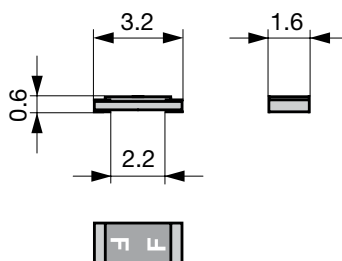
Soldering Methods	Reflow <a href="#">Soldering Profile</a>
Solderability	245 °C / 3sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 +/-5 °C / 30sec acc. to IPC/JEDEC J-STD-020D, Level 1
Moisture Resistance Test	MIL-STD-202, Method 106E (50 cycles in a temp./mister chamber)
Terminal Strength	MIL-STD-202, Method 211A (Deflection of board 1 mm for 1 minute)
Case Resistance	acc. to EIA/IS-722, Test 4.7 >100 MΩ (between leads and body)
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 [mm]

3.2 mm

Reflow soldering pads

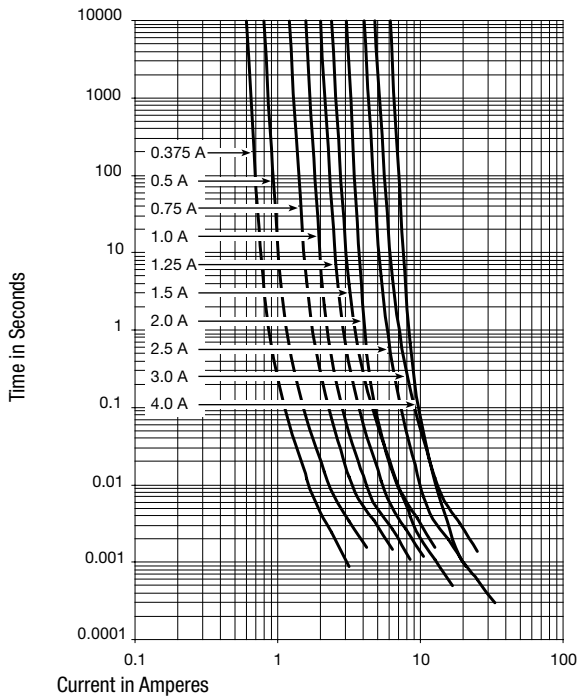


## Pre-Arcing Time


Rated Current In 1.0 x In min. 2.0 x In max.


0.375 A - 4 A	4 h	60 s
---------------	-----	------

## Time-Current-Curves



## All Variants

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Marking	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Cold Resistance typ. [mΩ]	Melting I <sup>2</sup> t 8.0 In typ. [A <sup>2</sup> s]	 Order Number
0.375	125	125	E	1)	125	315	0.01	● 3413.0112.11
0.375	125	125	E	1)	125	315	0.01	● 3413.0112.22
0.375	125	125	E	1)	125	315	0.01	● 3413.0112.24
0.375	125	125	E	1)	125	315	0.01	● 3413.0112.26
0.5	125	125	F	1)	100	190	0.02	● 3413.0113.11
0.5	125	125	F	1)	100	190	0.02	● 3413.0113.22
0.5	125	125	F	1)	100	190	0.02	● 3413.0113.24
0.5	125	125	F	1)	100	190	0.02	● 3413.0113.26
0.75	32	63	G	2)	100	120	0.05	● 3413.0114.11
0.75	32	63	G	2)	100	120	0.05	● 3413.0114.22
0.75	32	63	G	2)	100	120	0.05	● 3413.0114.24
0.75	32	63	G	2)	100	120	0.05	● 3413.0114.26
1	32	63	H	2)	100	85	0.07	● 3413.0115.11
1	32	63	H	2)	100	85	0.07	● 3413.0115.22
1	32	63	H	2)	100	85	0.07	● 3413.0115.24
1	32	63	H	2)	100	85	0.07	● 3413.0115.26
1.25	32	63	J	2)	80	50	0.12	● 3413.0116.11
1.25	32	63	J	2)	80	50	0.12	● 3413.0116.22
1.25	32	63	J	2)	80	50	0.12	● 3413.0116.24
1.25	32	63	J	2)	80	50	0.12	● 3413.0116.26
1.5	32	63	K	2)	80	45	0.24	● 3413.0117.11
1.5	32	63	K	2)	80	45	0.24	● 3413.0117.22
1.5	32	63	K	2)	80	45	0.24	● 3413.0117.24

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Marking	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Cold Resistance typ. [mΩ]	Melting I <sup>2</sup> t 8.0 In typ. [A <sup>2</sup> s]		Order Number
1.5	32	63	K	2)	80	45	0.24	●	3413.0117.26
2	32	63	N	2)	70	30	0.13	●	3413.0119.11
2	32	63	N	2)	70	30	0.13	●	3413.0119.22
2	32	63	N	2)	70	30	0.13	●	3413.0119.24
2	32	63	N	2)	70	30	0.13	●	3413.0119.26
2.5	32	63	O	2)	70	25	0.35	●	3413.0120.11
2.5	32	63	O	2)	70	25	0.35	●	3413.0120.22
2.5	32	63	O	2)	70	25	0.35	●	3413.0120.24
2.5	32	63	O	2)	70	25	0.35	●	3413.0120.26
3	32	63	P	2)	70	20	0.8	●	3413.0121.11
3	32	63	P	2)	70	20	0.8	●	3413.0121.22
3	32	63	P	2)	70	20	0.8	●	3413.0121.24
3	32	63	P	2)	70	20	0.8	●	3413.0121.26
4	32	63	S	2)	60	13	0.3	●	3413.0123.11
4	32	63	S	2)	60	13	0.3	●	3413.0123.22
4	32	63	S	2)	60	13	0.3	●	3413.0123.24
4	32	63	S	2)	60	13	0.3	●	3413.0123.26

 Most Popular.

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

1) UL: 50 A @ 125 VAC/DC

2) UL: 50 A @ 32 VAC / 50 A @ 63 VDC

1) + 2) Additional internal testing: 150 A @ 24 VAC/DC, 400 A @ 12 VDC, 600 A @ 9 VDC

### Packaging Unit

- .xx = .11 Blister Tape of 100 pcs. in Plastic Bag
- .xx = .22 Blister Tape 18 cm Reel (1000 pcs.)
- .xx = .24 Blister Tape 25.4 cm Reel (5000 pcs.)
- .xx = .26 Blister Tape 33 cm Reel (15000 pcs.)