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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.

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Surface Mount Fuse, 1.05 x 0.55 mm, Super-Quick-Acting FF, 32 VDC



Exemplary part photo depending on part no.

UL 248-14 · 32VDC · Super-Quick-Acting FF



Description

- UL characteristic
- Low melting I²t-values, fast interruption
- Marking optional
- Impermeable to potting compound

Standards

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

Approvals

- UL File Number: E41599

Applications

- Secondary Protection
- Circuits without inrush
- Semiconductor protection
- Digital Consumer Electronics

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](#)

Technical Data

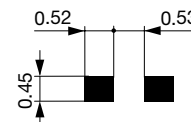
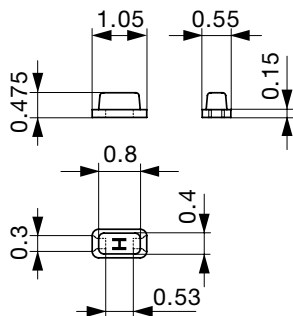
Rated Voltage	24 - 32VDC
Rated current	0.375 - 5 A
Breaking Capacity	35 A
Characteristic	Super-Quick-Acting FF
Mounting	PCB,SMT
Admissible Ambient Air Temp.	-55 °C to 125 °C
Climatic Category	55/125/21 acc. to IEC 60068-1
Material: Housing	Thermoset
Material: Terminals	Gold-Plated Copper Alloy
Unit Weight	0.004 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Letter (see variants) marking

Soldering Methods	Reflow Soldering Profile
Solderability	245 °C / 3sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 +0/-5 °C / 30sec acc. to IPC/JEDEC J-STD-020D, 1 cycle
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

H 1.05 mm



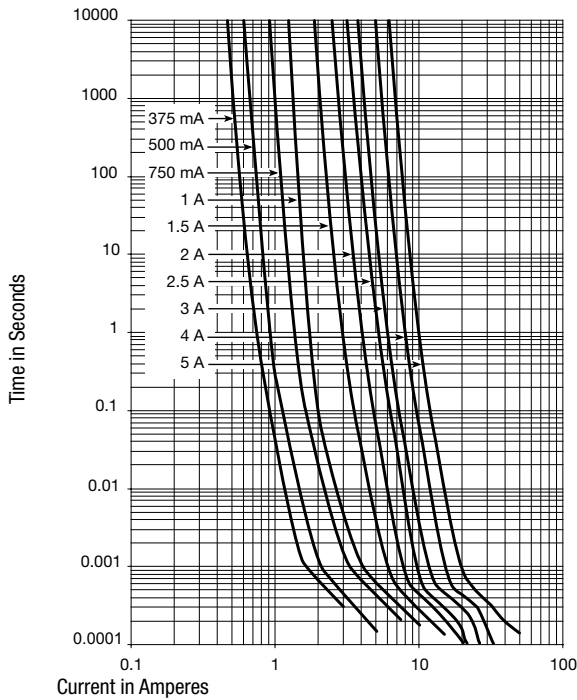
Soldering pads

Pre-Arcing Time


Rated Current I_n 1.0 x I_n min 2.0 x I_n max


0.375 A - 5 A	4 h	5 s
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Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VDC]	Marking	Breaking Capacity	Voltage Drop 1.0 I_n max. [mV]	Voltage Drop 1.0 I_n typ. [mV]	Cold Resistance typ. [$m\Omega$]	Melting I^2t 8.0 I_n typ. [A^2s]		Order Number
0.375	32	E	1)	90	70	173	0.003	●	3414.0112.11
0.375	32	E	1)	90	70	173	0.003	●	3414.0112.22
0.375	32	E	1)	90	70	173	0.003	●	3414.0112.24
0.375	32	E	1)	90	70	173	0.003	●	3414.0112.26
0.5	32	F	1)	90	67	124	0.004	●	3414.0113.11
0.5	32	F	1)	90	67	124	0.004	●	3414.0113.22
0.5	32	F	1)	90	67	124	0.004	●	3414.0113.24
0.5	32	F	1)	90	67	124	0.004	●	3414.0113.26
0.75	32	G	1)	90	63	78	0.009	●	3414.0114.11
0.75	32	G	1)	90	63	78	0.009	●	3414.0114.22
0.75	32	G	1)	90	63	78	0.009	●	3414.0114.24
0.75	32	G	1)	90	63	78	0.009	●	3414.0114.26
1	32	H	1)	90	63	57	0.016	●	3414.0115.11
1	32	H	1)	90	63	57	0.016	●	3414.0115.22
1	32	H	1)	90	63	57	0.016	●	3414.0115.24
1	32	H	1)	90	63	57	0.016	●	3414.0115.26
1.5	32	K	1)	90	62	37	0.029	●	3414.0117.11
1.5	32	K	1)	90	62	37	0.029	●	3414.0117.22
1.5	32	K	1)	90	62	37	0.029	●	3414.0117.24
1.5	32	K	1)	90	62	37	0.029	●	3414.0117.26
2	32	N	1)	90	58	26	0.044	●	3414.0119.11
2	32	N	1)	90	58	26	0.044	●	3414.0119.22
2	32	N	1)	90	58	26	0.044	●	3414.0119.24

Rated Current [A]	Rated Voltage [VDC]	Marking	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Voltage Drop 1.0 In typ. [mV]	Cold Resistance typ. [mΩ]	Melting I ² t 8.0 In typ. [A ² s]		Order Number
2	32	N	1)	90	58	26	0.044	●	3414.0119.26
2.5	32	O	1)	90	59	21	0.06	●	3414.0120.11
2.5	32	O	1)	90	59	21	0.06	●	3414.0120.22
2.5	32	O	1)	90	59	21	0.06	●	3414.0120.24
2.5	32	O	1)	90	59	21	0.06	●	3414.0120.26
3	32	P	1)	90	52	17	0.098	●	3414.0121.11
3	32	P	1)	90	52	17	0.098	●	3414.0121.22
3	32	P	1)	90	52	17	0.98	●	3414.0121.24
3	32	P	1)	90	52	17	0.98	●	3414.0121.26
4	32	S	1)	90	60	13	0.113	●	3414.0123.11
4	32	S	1)	90	60	13	0.113	●	3414.0123.22
4	32	S	1)	90	60	13	0.113	●	3414.0123.24
4	32	S	1)	90	60	13	0.113	●	3414.0123.26
5	24	T	2)	90	52	10	0.288	●	3414.0124.11
5	24	T	2)	90	52	10	0.288	●	3414.0124.22
5	24	T	2)	90	52	10	0.288	●	3414.0124.24
5	24	T	2)	90	52	10	0.288	●	3414.0124.26

 Most Popular.

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

1) 35 A @ 32 VDC

2) 35 A @ 24 VDC

Marking is optional: .xx.M = with Marking (e.g. 3414.0112.22.M)

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 18 cm Reel (5000 pcs.)
- .xx = .26 Blister Tape 33 cm Reel (15000 pcs.)