Surface Mount Fuse with Holder, 12 x 5.2 mm, Quick-Acting F, 125 VAC, 125 VDC



UL 248-14 · 125 VAC · 125 VDC · Quick-Acting F

See below:
Approvals and Compliances

Description

- Directly solderable on printed circuit boards
- OMK 125 = OMF 125 + OMH 125

References

Packaging Details

Weblinks

pdf datasheet, html-datasheet, General Product Information, Packaging details, Distributor-Stock-Check, Detailed request for product

Technical Data

Rated Voltage	125 VAC, 125 VDC
Rated current	0.063 - 5 A
Breaking Capacity	100 A
Characteristic	Quick-Acting F
Mounting	PCB,SMT
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Housing	Thermoplastic, UL 94V-0
Material: Terminals	Tin-Plated Copper
Unit Weight	0.47 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	S, Type, Rated current, Approvals

Soldering Methods	Reflow Soldering Profile
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

Approvals and Compliances

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

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
UL	Designed according to	UL 248-14	Low voltage fuses - Part 14: Additional 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	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technologyequipment.

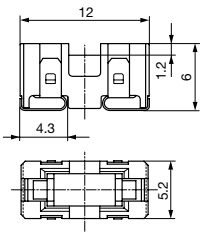
Compliances

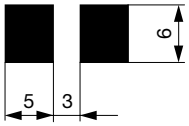
The product complies with following Guide Lines

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.
RoHS COMPLIANT	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
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]

12 mm



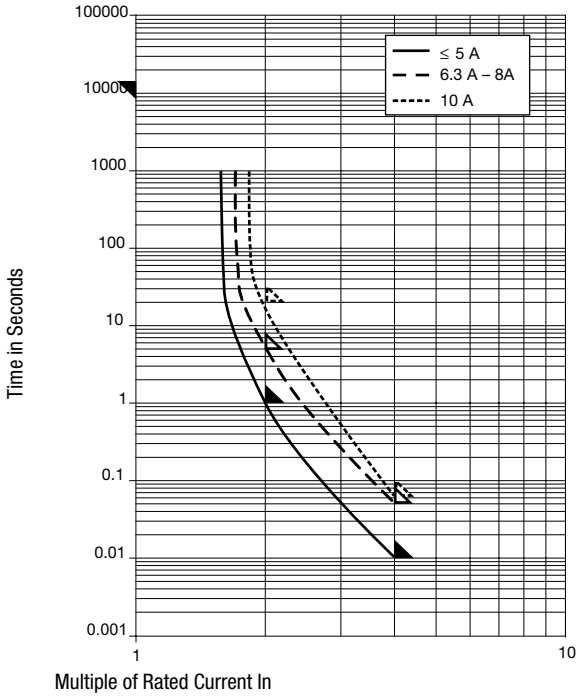


Soldering pads

Pre-Arcing Time

Rated Current In	1.0 x In min.	2.0 x In max.	4.0 x In max.
0.063 A - 5 A	4 h	1 s	10 ms

Time-Current-Curves



All Variants

Fuse	Holder	Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.0 I_n typ. [mW]	Melting I^2t 4.0 In typ. [A^2s]	Order Number
●	●	0.063	125	125	1)	2550	160	0.00011	3404.2303.11
●	●	0.063	125	125	1)	2550	160	0.00011	3404.2303.22
●	●	0.063	125	125	1)	2550	160	0.00011	3404.2303.23
●	●	0.1	125	125	1)	1770	180	0.00067	3404.2304.11
●	●	0.1	125	125	1)	1770	180	0.00067	3404.2304.22
●	●	0.1	125	125	1)	1770	180	0.00067	3404.2304.23
●	●	0.125	125	125	1)	1770	220	0.0011	3404.2349.11
●	●	0.125	125	125	1)	1770	220	0.0011	3404.2349.22
●	●	0.125	125	125	1)	1770	220	0.0011	3404.2349.23
●	●	0.16	125	125	1)	1700	270	0.0018	3404.2305.11
●	●	0.16	125	125	1)	1700	270	0.0018	3404.2305.22
●	●	0.16	125	125	1)	1700	270	0.0018	3404.2305.23
●	●	0.25	125	125	1)	990	250	0.0058	3404.2306.11
●	●	0.25	125	125	1)	990	250	0.0058	3404.2306.22
●	●	0.25	125	125	1)	990	250	0.0058	3404.2306.23
●	●	0.35	125	125	1)	990	350	0.0076	3404.2343.11
●	●	0.35	125	125	1)	990	350	0.0076	3404.2343.22
●	●	0.35	125	125	1)	990	350	0.0076	3404.2343.23
●	●	0.375	125	125	1)	990	370	0.013	3404.2344.11
●	●	0.375	125	125	1)	990	370	0.013	3404.2344.22
●	●	0.375	125	125	1)	990	370	0.013	3404.2344.23
●	●	0.4	125	125	1)	960	380	0.016	3404.2307.11
●	●	0.4	125	125	1)	960	380	0.016	3404.2307.22
●	●	0.4	125	125	1)	960	380	0.016	3404.2307.23
●	●	0.5	125	125	1)	350	150	0.01	3404.2345.11
●	●	0.5	125	125	1)	350	150	0.01	3404.2345.22
●	●	0.5	125	125	1)	350	150	0.01	3404.2345.23
●	●	0.63	125	125	1)	290	180	0.02	3404.2308.11
●	●	0.63	125	125	1)	290	180	0.02	3404.2308.22
●	●	0.63	125	125	1)	290	180	0.02	3404.2308.23
●	●	0.75	125	125	1)	260	200	0.031	3404.2346.11
●	●	0.75	125	125	1)	260	200	0.031	3404.2346.22
●	●	0.75	125	125	1)	260	200	0.031	3404.2346.23
●	●	1	125	125	1)	220	220	0.078	3404.2309.11
●	●	1	125	125	1)	220	220	0.078	3404.2309.22
●	●	1	125	125	1)	220	220	0.078	3404.2309.23
●	●	1.25	125	125	1)	220	280	0.14	3404.2310.11
●	●	1.25	125	125	1)	220	280	0.14	3404.2310.22
●	●	1.25	125	125	1)	220	280	0.14	3404.2310.23
●	●	1.5	125	125	1)	200	300	0.24	3404.2347.11
●	●	1.5	125	125	1)	200	300	0.24	3404.2347.22
●	●	1.5	125	125	1)	200	300	0.24	3404.2347.23
●	●	1.6	125	125	1)	200	320	0.27	3404.2311.11
●	●	1.6	125	125	1)	200	320	0.27	3404.2311.22
●	●	1.6	125	125	1)	200	320	0.27	3404.2311.23
●	●	2	125	125	1)	200	400	0.44	3404.2312.11
●	●	2	125	125	1)	200	400	0.44	3404.2312.22
●	●	2	125	125	1)	200	400	0.44	3404.2312.23
●	●	2.5	125	125	1)	190	480	0.97	3404.2313.11
●	●	2.5	125	125	1)	190	480	0.97	3404.2313.22
●	●	2.5	125	125	1)	190	480	0.97	3404.2313.23
●	●	3	125	125	1)	190	570	1.3	3404.2314.11
●	●	3	125	125	1)	190	570	1.3	3404.2314.22

Fuse	Holder	Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.0 I_n typ. [mW]	Melting I^2t 4.0 In typ. [A^2s]	Order Number
●	●	3	125	125	1)	190	570	1.3	3404.2314.23
●	●	3.15	125	125	1)	190	600	1.2	3404.2348.11
●	●	3.15	125	125	1)	190	600	1.2	3404.2348.22
●	●	3.15	125	125	1)	190	600	1.2	3404.2348.23
●	●	3.5	125	125	1)	140	490	1.6	3404.2315.11
●	●	3.5	125	125	1)	140	490	1.6	3404.2315.22
●	●	3.5	125	125	1)	140	490	1.6	3404.2315.23
●	●	4	125	125	1)	140	560	2.1	3404.2316.11
●	●	4	125	125	1)	140	560	2.1	3404.2316.22
●	●	4	125	125	1)	140	560	2.1	3404.2316.23
●	●	5	125	125	1)	140	700	2.9	3404.2317.11
●	●	5	125	125	1)	140	700	2.9	3404.2317.22
●	●	5	125	125	1)	140	700	2.9	3404.2317.23

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

1) 100 A @ 125 VAC/DC

Packaging Unit

.xx = .11 Plastic Bag (100 pcs.)
.xx = .22 Blister Tape 33 cm Reel (750 pcs.)
.xx = .23 Blister Tape 38 cm Reel (1500 pcs.)

26.02.2018

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.