Subminiature Fuse, 2.3 x 8 mm, Quick-Acting F, IEC, 125 VAC, 125 VDC



IEC 60127-3 · 125 VAC · 125 VDC · Quick-Acting F

Description
- High breaking capacity

Standards
- IEC 60127-3/2
- UL 248-14
- CSA C22.2 no. 248.14

Approvals
- UL File Number: E42088
- CSA File Number: 34549

References
Packaging Details

Weblinks
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

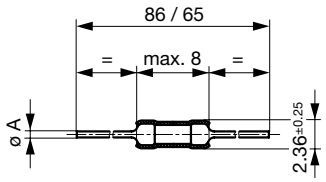
Technical Data

Rated Voltage	32 - 125 VAC, 32 - 125 VDC
Rated current	0.063 - 15 A
Breaking Capacity	50 A - 300 A
Characteristic	Quick-Acting F
Admissible Ambient Air Temp.	-55 °C to 85 °C
Climatic Category	55/085/56 acc. to IEC 60068-1
Material: Tube	Ceramic
Material: Axial Leads	Tin-Plated Copper
Unit Weight	0.46 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Current

Soldering Methods	Wave
Solderability	235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1
Resistance to Soldering Heat	260 °C / 5 sec acc. to IEC 60068-2-20, Test Tb, method 1A

Dimension

8 mm

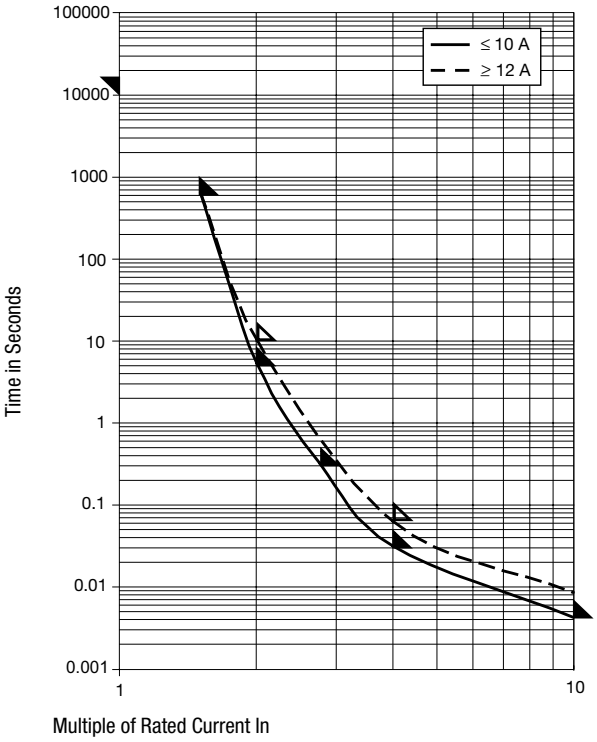


In ≤ 10 A: ØA = 0.62 mm
In > 10 A: ØA = 0.82 mm

Pre-Arcing Time

Rated Current In	1.0 x In min.	1.5 x In max.	2.0 x In max.	2.75 x In max.	4.0 x In max.	10.0 x In max.
0.063 A - 10 A	4 h	10 min	5 s	300 ms	30 ms	4 ms
12 A - 15 A	4 h	10 min	10 s	-	60 ms	-

Time-Current-Curves



All Variants

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 10.0 Intyp. [A^2s]			GAM T1	Order Number
0.063	125	125	1)	1050	66	0.0008	●	●		7010.7010.xx
0.125	125	125	1)	900	115	0.0036	●	●	●	7010.7020.xx
0.25	125	125	1)	325	82	0.0094	●	●	●	7010.7030.xx
0.375	125	125	1)	245	92	0.019	●	●	●	7010.7040.xx
0.5	125	125	1)	260	130	0.07	●	●	●	7010.7050.xx
0.75	125	125	1)	245	185	0.18	●	●	●	7010.7060.xx
1	125	125	1)	210	210	0.3	●	●	●	7010.7070.xx
1.5	125	125	1)	230	345	0.38	●	●	●	7010.7080.xx
2	125	125	1)	190	380	1.1	●	●	●	7010.7090.xx
2.5	125	125	1)	175	440	1.4	●	●	●	7010.7100.xx
3	125	125	1)	170	510	2	●	●	●	7010.7110.xx
3.5	32	32	2)	160	560	2.6	●	●	●	7010.7180.xx
4	125	125	1)	180	720	4	●	●	●	7010.7120.xx
5	125	125	1)	170	850	6.2	●	●	●	7010.7130.xx
7	125	125	1)	135	945	13	●	●	●	7010.7140.xx
10	125	125	1)	130	1300	39	●	●	●	7010.7150.xx
12	32	32	2)	130	1450	57	●	●	●	7010.7160.xx
15	32	32	2)	120	1800	90	●	●	●	7010.7170.xx

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, p.f. ≥ 0.95 / 300 A @ 125 VDC

1) CSA: 300 A @ 125 VAC/DC

2) UL: 50 A @ 32 VAC, p.f. ≥ 0.95 / 300 A @ 32 VDC

2) CSA: 300 A @ 32 VAC/DC

Packaging Unit

.xx = .13 Plastic Bag, Fuse Length 86 mm (100 pcs.)
.xx = .37 Taped 19 cm Reel, Fuse Length 65 mm (1500 pcs.)
.xx = .39 Taped 19 cm Reel, Fuse Length 65 mm (5000 pcs.)
.xx = .47 Taped 19 cm Reel, Fuse Length 86 mm (1500 pcs.)
.xx = .49 Taped 19 cm Reel, Fuse Length 85 mm (5000 pcs.)

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