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



125 VAC · 125 VDC · Quick-Acting F

GAM
T1

Description
- High breaking capacity

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

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

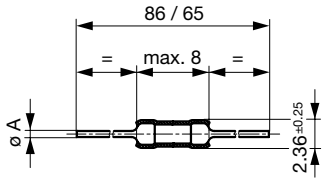
Technical Data

Rated Voltage	32 - 125 VAC, 32 - 125 VDC
Rated current	0.063 - 15 A
Breaking Capacity	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	Rated 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
Resistance to Vibration	acc. to NF C 20-706 / IEC 60068-2-6, test Fc
Shocks	acc. to NF C 20-706 / IEC 60068-2-27
Salt Mist	acc. to NF C 20-711 / IEC 60068-2-11

Dimension

8 mm

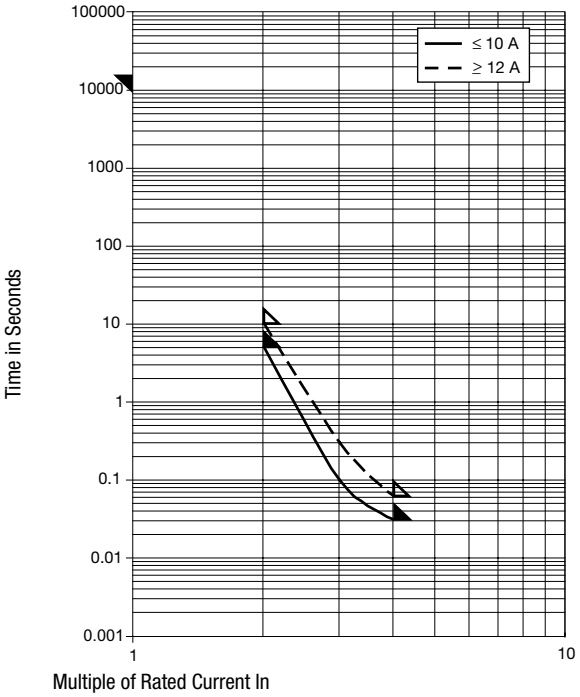


In ≤ 10 A: ØA = 0.62 mm
In > 10 A: ØA = 0.82 mm

Pre-Arcing Time

Rated Current In	1.0 x In min.	2.0 x In max.	4.0 x In max.
0.063 A - 10 A	4 h	5 s	30 ms
12 A - 15 A	4 h	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)	570	36	0.0014		7010.6300.xx	
0.125	125	125	1)	720	90	0.0045	●	7010.6310.xx	
0.25	125	125	1)	215	54	0.014	●	7010.6320.xx	
0.375	125	125	1)	185	70	0.025	●	7010.6330.xx	
0.5	125	125	1)	180	90	0.1	●	7010.6340.xx	
0.75	125	125	1)	155	120	0.28	●	7010.6350.xx	
1	125	125	1)	160	160	0.39	●	7010.6360.xx	■
1.5	125	125	1)	165	250	0.52	●	7010.6370.xx	■
2	125	125	1)	160	320	1.3	●	7010.6380.xx	■
2.5	125	125	1)	145	365	1.6	●	7010.6390.xx	■
3	125	125	1)	140	420	2.4	●	7010.6400.xx	■
4	125	125	1)	125	500	5.7	●	7010.6410.xx	
5	125	125	1)	120	600	8.7	●	7010.6420.xx	
7	125	125	1)	110	770	15	●	7010.6440.xx	■
10	125	125	1)	110	1100	46	●	7010.6470.xx	
12	32	32	2)	120	1450	57	●	7010.6480.xx	■
15	32	32	2)	110	1650	98	●	7010.6490.xx	■

■ Most Popular.

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

1) 300 A @ 125 VAC/DC

2) 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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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.