

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

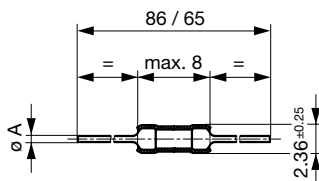
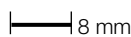
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Rated Voltage	32 - 125VAC, 32 - 125VDC
Rated current	0.063 - 15 A
Breaking Capacity	300A
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

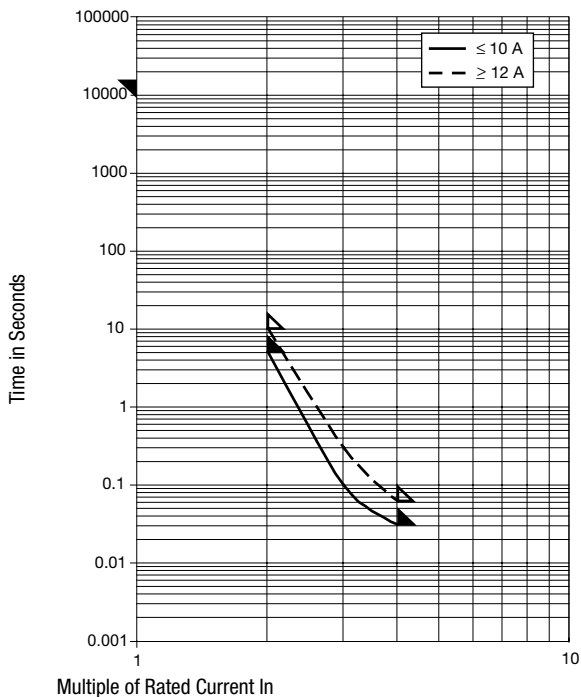


In ≤ 10 A: ØA = 0.62 mm
In > 10 A: ØA = 0.82 mm

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 I _n typ. [mV]	Power Dissipation 1.0 I _n typ. [mW]	Melting I ² t 10.0 I _n typ. [A ² s]	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

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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.)