

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

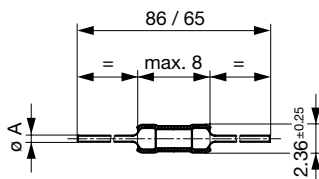
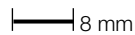
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

### 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 <a href="#">Soldering Profile</a>
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

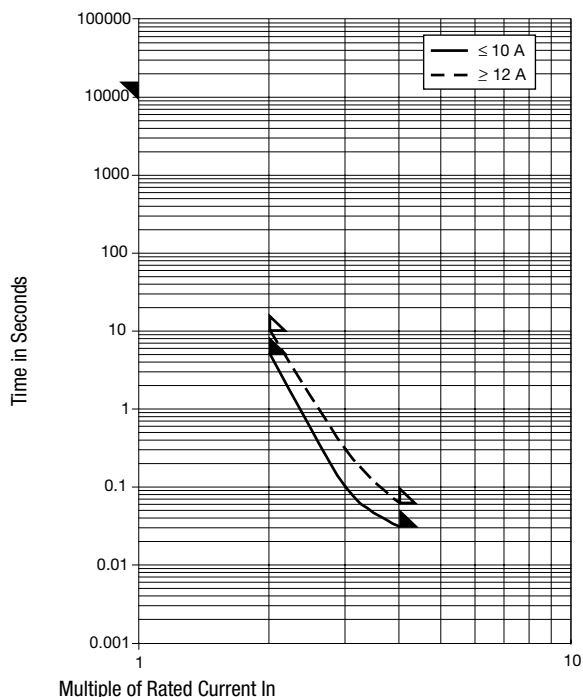


$I_n \leq 10$  A:  $\varnothing A = 0.62$  mm  
 $I_n > 10$  A:  $\varnothing A = 0.82$  mm

### Pre-Arcing Time

Rated Current $I_n$	1.0 x $I_n$ min.	2.0 x $I_n$ max.	4.0 x $I_n$ 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 <sub>n</sub> typ. [mV]	Power Dissipation 1.0 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 10.0 I <sub>n</sub> typ. [A <sup>2</sup> s]	GAM T1	Order Number
0.063	125	125	1)	570	36	0.0014		<a href="#">7010.6300.13</a>
0.063	125	125	1)	570	36	0.0014		<a href="#">7010.6300.37</a>
0.063	125	125	1)	570	36	0.0014		<a href="#">7010.6300.39</a>
0.063	125	125	1)	570	36	0.0014		<a href="#">7010.6300.47</a>
0.063	125	125	1)	570	36	0.0014		<a href="#">7010.6300.49</a>
0.125	125	125	1)	720	90	0.0045	●	<a href="#">7010.6310.13</a>
0.125	125	125	1)	720	90	0.0045	●	<a href="#">7010.6310.37</a>
0.125	125	125	1)	720	90	0.0045	●	<a href="#">7010.6310.39</a>
0.125	125	125	1)	720	90	0.0045	●	<a href="#">7010.6310.47</a>
0.125	125	125	1)	720	90	0.0045	●	<a href="#">7010.6310.49</a>
0.25	125	125	1)	215	54	0.014	●	<a href="#">7010.6320.13</a>
0.25	125	125	1)	215	54	0.014	●	<a href="#">7010.6320.37</a>
0.25	125	125	1)	215	54	0.014	●	<a href="#">7010.6320.39</a>
0.25	125	125	1)	215	54	0.014	●	<a href="#">7010.6320.47</a>
0.25	125	125	1)	215	54	0.014	●	<a href="#">7010.6320.49</a>
0.375	125	125	1)	185	70	0.025	●	<a href="#">7010.6330.13</a>
0.375	125	125	1)	185	70	0.025	●	<a href="#">7010.6330.37</a>
0.375	125	125	1)	185	70	0.025	●	<a href="#">7010.6330.39</a>
0.375	125	125	1)	185	70	0.025	●	<a href="#">7010.6330.47</a>
0.375	125	125	1)	185	70	0.025	●	<a href="#">7010.6330.49</a>
0.5	125	125	1)	180	90	0.1	●	<a href="#">7010.6340.13</a>
0.5	125	125	1)	180	90	0.1	●	<a href="#">7010.6340.37</a>
0.5	125	125	1)	180	90	0.1	●	<a href="#">7010.6340.39</a>
0.5	125	125	1)	180	90	0.1	●	<a href="#">7010.6340.47</a>
0.5	125	125	1)	180	90	0.1	●	<a href="#">7010.6340.49</a>
0.75	125	125	1)	155	120	0.28	●	<a href="#">7010.6350.13</a>
0.75	125	125	1)	155	120	0.28	●	<a href="#">7010.6350.37</a>
0.75	125	125	1)	155	120	0.28	●	<a href="#">7010.6350.39</a>
0.75	125	125	1)	155	120	0.28	●	<a href="#">7010.6350.47</a>

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.0 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 10.0 Intyp. [A <sup>2</sup> s]	GAM T1	Order Number
0.75	125	125	1)	155	120	0.28	●	7010.6350.49
1	125	125	1)	160	160	0.39	●	7010.6360.13
1	125	125	1)	160	160	0.39	●	7010.6360.37
1	125	125	1)	160	160	0.39	●	7010.6360.39
1	125	125	1)	160	160	0.39	●	7010.6360.47
1	125	125	1)	160	160	0.39	●	7010.6360.49
1.5	125	125	1)	165	250	0.52	●	7010.6370.13
1.5	125	125	1)	165	250	0.52	●	7010.6370.37
1.5	125	125	1)	165	250	0.52	●	7010.6370.39
1.5	125	125	1)	165	250	0.52	●	7010.6370.47
1.5	125	125	1)	165	250	0.52	●	7010.6370.49
2	125	125	1)	160	320	1.3	●	7010.6380.13
2	125	125	1)	160	320	1.3	●	7010.6380.37
2	125	125	1)	160	320	1.3	●	7010.6380.39
2	125	125	1)	160	320	1.3	●	7010.6380.47
2	125	125	1)	160	320	1.3	●	7010.6380.49
2.5	125	125	1)	145	365	1.6	●	7010.6390.13
2.5	125	125	1)	145	365	1.6	●	7010.6390.37
2.5	125	125	1)	145	365	1.6	●	7010.6390.39
2.5	125	125	1)	145	365	1.6	●	7010.6390.47
2.5	125	125	1)	145	365	1.6	●	7010.6390.49
3	125	125	1)	140	420	2.4	●	7010.6400.13
3	125	125	1)	140	420	2.4	●	7010.6400.37
3	125	125	1)	140	420	2.4	●	7010.6400.39
3	125	125	1)	140	420	2.4	●	7010.6400.47
3	125	125	1)	140	420	2.4	●	7010.6400.49
4	125	125	1)	125	500	5.7	●	7010.6410.13
4	125	125	1)	125	500	5.7	●	7010.6410.37
4	125	125	1)	125	500	5.7	●	7010.6410.39
4	125	125	1)	125	500	5.7	●	7010.6410.47
4	125	125	1)	125	500	5.7	●	7010.6410.49
5	125	125	1)	120	600	8.7	●	7010.6420.13
5	125	125	1)	120	600	8.7	●	7010.6420.37
5	125	125	1)	120	600	8.7	●	7010.6420.39
5	125	125	1)	120	600	8.7	●	7010.6420.47
5	125	125	1)	120	600	8.7	●	7010.6420.49
7	125	125	1)	110	770	15	●	7010.6440.13
7	125	125	1)	110	770	15	●	7010.6440.37
7	125	125	1)	110	770	15	●	7010.6440.39
7	125	125	1)	110	770	15	●	7010.6440.47
7	125	125	1)	110	770	15	●	7010.6440.49
10	125	125	1)	110	1100	46	●	7010.6470.13
10	125	125	1)	110	1100	46	●	7010.6470.37
10	125	125	1)	110	1100	46	●	7010.6470.39
10	125	125	1)	110	1100	46	●	7010.6470.47
10	125	125	1)	110	1100	46	●	7010.6470.49
12	32	32	2)	120	1450	57	●	7010.6480.13
12	32	32	2)	120	1450	57	●	7010.6480.37
12	32	32	2)	120	1450	57	●	7010.6480.39
12	32	32	2)	120	1450	57	●	7010.6480.47
12	32	32	2)	120	1450	57	●	7010.6480.49
15	32	32	2)	110	1650	98	●	7010.6490.13
15	32	32	2)	110	1650	98	●	7010.6490.37
15	32	32	2)	110	1650	98	●	7010.6490.39

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15	32	32	2)	110	1650	98	●	7010.6490.47
15	32	32	2)	110	1650	98	●	7010.6490.49

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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.)