

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

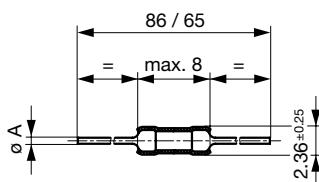
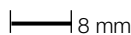
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

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 | 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 |

Dimensions



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 |

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 |
| 2.5 | 125 | 125 | 1) | 145 | 365 | 1.6 | ● | 7010.6390.xx |
| 3 | 125 | 125 | 1) | 140 | 420 | 2.4 | ● | 7010.6400.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 |

1) 300 A @ 125 VAC/DC

2) 300 A @ 32 VAC/DC

Packaging Unit

.xx = .13 Plastic Bag (100 pcs.)

.xx = .37 Taped 19 cm Reel, Fuse Length 65 mm (1500 pcs.)

.xx = .47 Taped 19 cm Reel, Fuse Length 86 mm (1500 pcs.)

Time-Current-Curves

