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

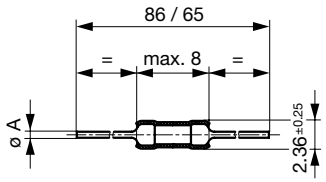
Technical Data

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

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

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
2.5	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

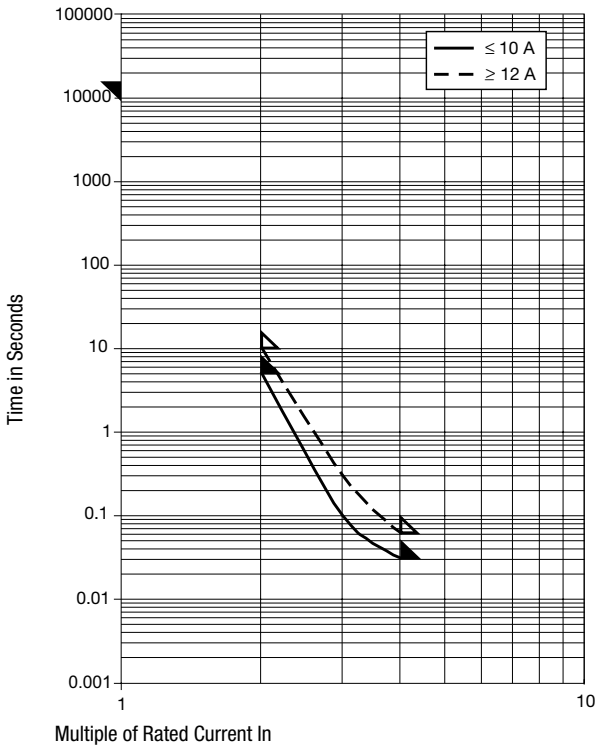
1) 300 A @ 125 VAC/DC

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



24.08.2013

SCHURTER ELECTRONIC COMPONENTS

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments.