

Miniature Fuse, 5 x 20 mm, Quick-Acting F, NF, 220 VAC **onlinecomponents.com**

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NF C 93-435 · 220 VAC · Quick-Acting F

GAM
T1 NNO**Description**

- Low Breaking Capacity

Standards

- NF C 93-435 - Model HA21
- Contrôle de Conformité de Qualité (CCQ)

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](#)

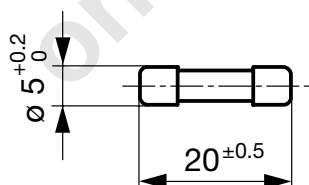
Technical Data

Rated Voltage	32 - 220 VAC
Rated Current	0.02 - 20 A
Breaking Capacity	60 A - 300 A
Characteristic	Quick-Acting F
Mounting	Fuseholder / Clip
Admissible Ambient Air Temp.	-40 °C to 70 °C
Climatic Category	40/070/56 acc. to IEC 60068-1
Material: Tube	Glass
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight	1.2 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	HA21, Current

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
Bumps	acc. to NF C 20-729 / IEC 60068-2-29
Salt Mist	acc. to NF C 20-711 / IEC 60068-2-11

Dimensions

20 mm

**Pre-Arcing Time**

Rated Current In	1.15 x In min.	1.65 x In max.	3.0 x In max.
0.02 A - 6.3 A	60 min	60 min	200 ms

Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.15 I _n typ. [mW]	Melting I ² t 10.0 Intyp. [A ² s]	 GAM T1 NNO	Order Number
0.02	220	1)	790	21	0.00027	●	7010.3110
0.031	220	1)	1400	60	0.00029	●	7010.3120
0.04	220	1)	2400	155	0.00017	●	7010.3130
0.05	220	1)	3300	260	0.00017	●	7010.3140
0.063	220	1)	2250	220	0.00046	●	7010.3150
0.08	220	1)	1750	215	0.0012	●	7010.3160
0.1	220	1)	1200	175	0.003	●	7010.3210
0.125	220	1)	1550	295	0.0037	●	7010.3220
0.16	220	1)	1300	320	0.0076	●	7010.3230
0.2	220	1)	1200	375	0.012	● ● ●	7010.3240
0.25	220	1)	1000	400	0.025	● ● ●	7010.3250
0.31	220	1)	475	225	0.018	● ● ●	7010.3260
0.4	220	1)	310	185	0.054	● ● ●	7010.3270
0.5	220	1)	285	215	0.096	● ● ●	7010.3280
0.63	220	1)	310	300	0.14	● ● ●	7010.3290
0.8	220	1)	270	335	0.3	● ● ●	7010.3310
1	220	1)	150	215	0.81	● ●	7010.3410
1.25	220	1)	325	660	0.47	● ● ●	7010.3420
1.6	125	2)	300	790	0.93	● ● ●	7010.3430
2	125	2)	185	560	1.9	● ●	7010.3440
2.5	125	2)	285	1250	2.5	● ●	7010.3450
3.15	125	2)	145	670	7.1	● ●	7010.3460
4	125	2)	165	1050	10	● ●	7010.3470
5	125	2)	165	1300	18	● ●	7010.3480
6.3	125	2)	130	1200	41	● ●	7010.3510
8	32	3)	120	1400	79	●	7010.3520
10	32	3)	120	1750	145	●	7010.3530
12.5	32	3)	115	2000	300	●	7010.3620
15	32	3)	125	2750	460	●	7010.3630
20	32	3)	95	2600	1800	●	7010.3650

1) 60 A @ 220 VAC , p.f. = 0.6 - 0.8

2) 300 A @ 125 VAC , p.f. ≥ 0.95 / Schurter: 60 A @ 220 VAC

3) 300 A @ 32 VAC , p.f. ≥ 0.95

Packaging Unit

Small Box Pack (10 pcs.)

Time-Current-Curves

