

Miniature Fuse, 5 x 20 mm, Quick-Acting F, NF, 220 VAC



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



### Description

- Low Breaking Capacity

### Standards

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

### Weblinks

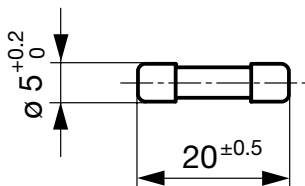
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

### 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, Rated 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

### Dimension

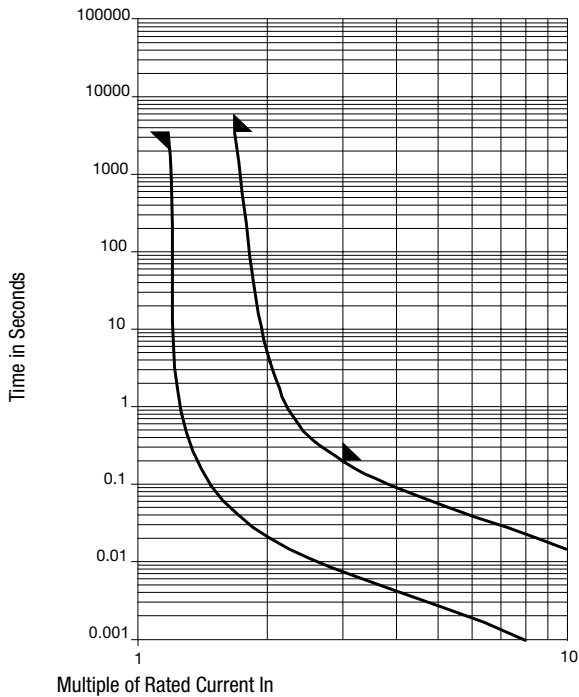


### Pre-Arcing Time

Rated Current  $I_n$     1.15 x  $I_n$  min.    1.65 x  $I_n$  max.    3.0 x  $I_n$  max.


0.02 A - 6.3 A	60 min	60 min	200 ms
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Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I <sub>n</sub> typ. [mV]	Power Dissipation 1.15 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 10.0 Intyp. [A <sup>2</sup> s]	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

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I <sub>n</sub> typ. [mV]	Power Dissipation 1.15 I <sub>n</sub> typ. [mW]	Melting I <sup>2t</sup> 10.0 Intyp. [A <sup>2</sup> s]		Order Number
20	32	3)	95	2600	1800		7010.3650

Most Popular.

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- 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.)