

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)

Approvals

- Approval Reference Type: D1

Weblinks

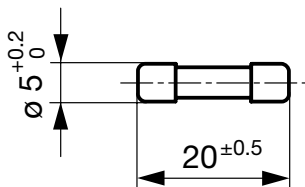
[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Rated Voltage	32 - 220 VAC	Resistance to Vibration	acc. to NF C 20-706 / IEC 60068-2-6, test Fc
Rated current	0.02 - 20 A	Shocks	acc. to NF C 20-706 / IEC 60068-2-27
Breaking Capacity	60 A - 300 A	Bumps	acc. to NF C 20-729 / IEC 60068-2-29
Characteristic	Quick-Acting F	Salt Mist	acc. to NF C 20-711 / IEC 60068-2-11
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		

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

Dimension [mm] 20 mm

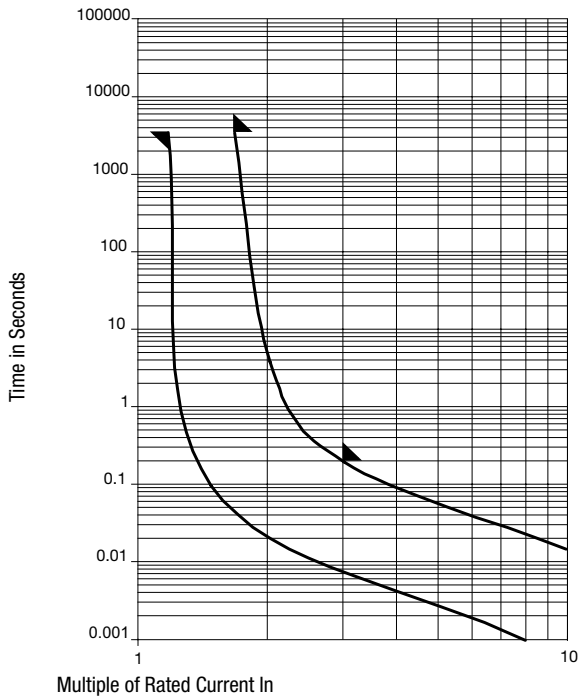


Pre-Arcing Time


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 _n typ. [mV]	Power Dissipation 1.15 I _n typ. [mW]	Melting I ² t 10.0 I _n typ. [A ² 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

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]	Order Number
15	32	3)	125	2750	460	7010.3630
20	32	3)	95	2600	1800	7010.3650



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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.)