

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



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

Approvals and Compliances

Description

- Low Breaking Capacity

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Rated Voltage	32 - 220VAC
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

Approvals and Compliances

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

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: D1

Approval Logo	Certificates	Certification Body	Description
	LCIE Approvals	LCIE	Norme française

Application standards

Application standards where the product can be used

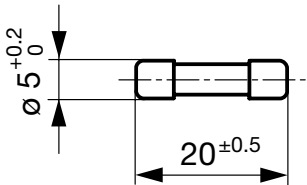
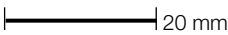
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
50	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

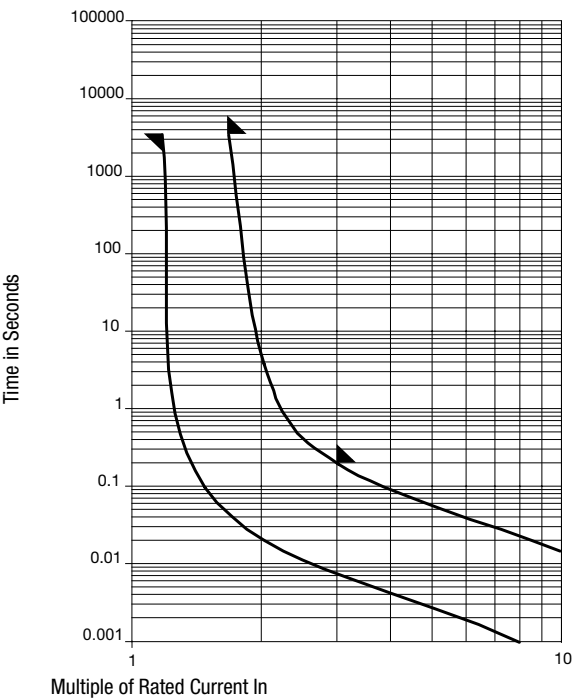
Dimension [mm]



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

Time-Current-Curves



All 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]		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

Most Popular:

Availability for all products can be searched real-time: <https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

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.)