FST 5x20

Miniature Fuse, 5 x 20 mm, Time-Lag T, L, 250 VAC



IEC 60127-2 · 250 VAC · Time-Lag T

Description
- IEC Standard Fuse
- L = Low Breaking Capacity (Glass Tube)

Standards
- IEC 60127-2/3
- UL 248-14
- CSA C22.2 no. 248.14
- Telcordia GR-1089
- UL 60950 / IEC 60950
- ITU-T K.20 and K.21
- TIA-968-A

Approvals
- VDE Certificate Number: 40016601
- UL File Number: E41599

Applications
- Primary Protection in Equipment

References
Pigtail Type FST 5x20 Pigtail
Assembled Fuseholder OGN-SMD
Fuse Kit Fuse Kit FST 5x20; Fuse Kit FST 5x20 / SP 5x20

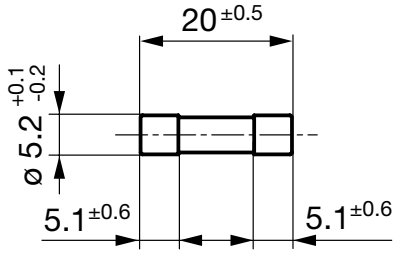
Weblinks
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

Technical Data

Rated Voltage	250 VAC
Rated current	0.02 - 20 A
Breaking Capacity	35 A - 125 A
Characteristic	Time-Lag T
Admissible Ambient Air Temp.	-55 °C to 125 °C
Climatic Category	55/125/21 acc. to IEC 60068-1
Material: Tube	Glass
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight	1 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	, Rated current, Rated voltage, Characteristic, Breaking Capacity, Approvals

Dimension

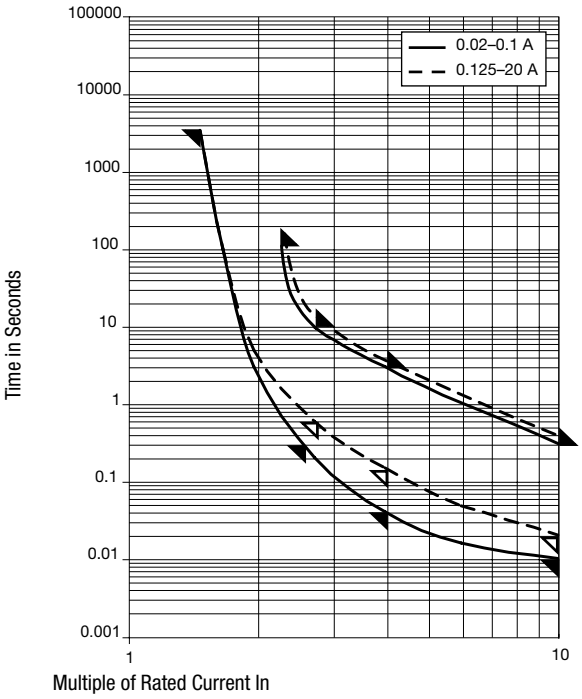
20 mm



Pre-Arcing Time

Rated Current In	1.5 x In min.	2.1 x In max.	2.75 x In min.	2.75 x In max.	4.0 x In min.	4.0 x In max.	10.0 x In min.	10.0 x In max.
0.02 A	60 min	-	-	-	40 ms	3 s	10 ms	300 ms
0.032 A - 0.1 A	60 min	120 s	200 ms	10 s	40 ms	3 s	10 ms	300 ms
0.125 A - 6.3 A	60 min	120 s	600 ms	10 s	150 ms	3 s	20 ms	300 ms
8 A - 20 A	30 min	120 s	600 ms	10 s	150 ms	3 s	20 ms	300 ms

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.5 I_n max. [mW]	Power Dissipation 1.5 I_n typ. [mW]	Melting I^2t 10.0 Intyp. [A^2s]						Order Number
0.02	250	1)	-	2700	-	100	0.0012						0034.3101
0.032	250	1)	5000	3000	1600	200	0.0019		●				0034.3102
0.04	250	1)	4000	2100	1600	200	0.0027	●	●		●		0034.3103
0.05	250	1)	3500	950	1600	125	0.0363	●	●		●		0034.3104
0.063	250	1)	3000	1300	1600	200	0.0401	●	●		●		0034.3105
0.08	250	1)	3000	1100	1600	300	0.057	●	●		●		0034.3106
0.1	250	1)	2500	565	1600	155	0.107	●	●		●		0034.3107
0.125	250	1)	2000	400	1600	200	0.064	●	●		●		0034.3108
0.16	250	1)	1900	415	1600	185	0.23	●	●		●		0034.3109
0.2	250	1)	1500	270	1600	200	0.256	●	●		●		0034.3110
0.25	250	1)	1300	210	1600	200	0.238	●	●		●		0034.3111
0.315	250	1)	1100	170	1600	200	0.544	●	●		●		0034.3112
0.4	250	1)	1000	150	1600	200	0.768	●	●		●		0034.3113
0.5	250	1)	900	160	1600	200	3	●	●		●		0034.3114
0.63	250	1)	300	160	1600	300	4.35	●	●		●		0034.3115
0.8	250	1)	250	120	1600	300	3.85	●	●		●		0034.3116
1	250	1)	150	60	1600	200	3.3	●	●	●	●		0034.3117
1.25	250	1)	150	60	1600	300	5.5	●	●	●	●		0034.3118
1.6	250	1)	150	60	1600	300	10.5	●	●	●	●		0034.3119
2	250	1)	150	60	1600	300	16	●	●	●	●		0034.3120

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.5 I_n max. [mW]	Power Dissipation 1.5 I_n typ. [mW]	Melting I^2t 10.0 Intyp. [A^2s]							Order Number
2.5	250	1)	120	60	1600	400	21.9	●		●	●	●			0034.3121
3.15	250	1)	100	60	1600	500	47	●		●	●	●			0034.3122
4	250	2)	100	60	1600	800	68.3	●		●	●	●			0034.3123
5	250	2)	100	60	1600	900	102	●		●	●	●			0034.3124
6.3	250	2)	100	60	1600	1000	190	●		●	●	●			0034.3125
8	250	2)	100	60	4000	1300	275	●		●	●		●		0034.3126
10	250	2)	100	60	4000	1300	520	●		●	●		●		0034.3127
12.5	250	2)	-	60	-	2500	750		●	●	●		●		0034.3128
16	250	2)	-	60	-	3300	1638		●	●	●		●		0034.3129
20	250	2)	-	60	-	4200	3057			●	●				0034.3130

Most Popular.

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

1) 35 A @ 250 VAC

2) 10 x In @ 250 VAC

Packaging Unit

xxxx.xxxx	Small Box Pack (10 pcs.)
xxxx.xxxx.G	Bulk 128 x 91 x 60 mm (1000 pcs.)

19.05.2015

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.