FSF 5x20

Miniature Fuse, 5 x 20 mm, Quick-Acting F, L, 250 VAC



IEC 60127-2 · 250 VAC · Quick-Acting F

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

Standards
- IEC 60127-2/2
- UL 248-14
- CSA C22.2 no. 248.14

Approvals
- VDE Certificate Number: 40016088
- UL File Number: E41599

Applications
- Primary Protection in Equipment

References
Pigtail Type FSF 5x20 Pigtail
Assembled Fuseholder OGN-SMD
Fuse Kit Fuse Kit FSF 5x20

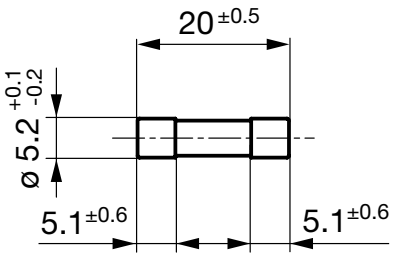
Weblinks
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

Technical Data

Rated Voltage	250 VAC
Rated current	0.032 - 10 A
Breaking Capacity	35 A - 100 A
Characteristic	Quick-Acting F
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	0.92 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	S, Rated current, Rated voltage, Characteristic, Breaking Capacity, Approvals

Dimension

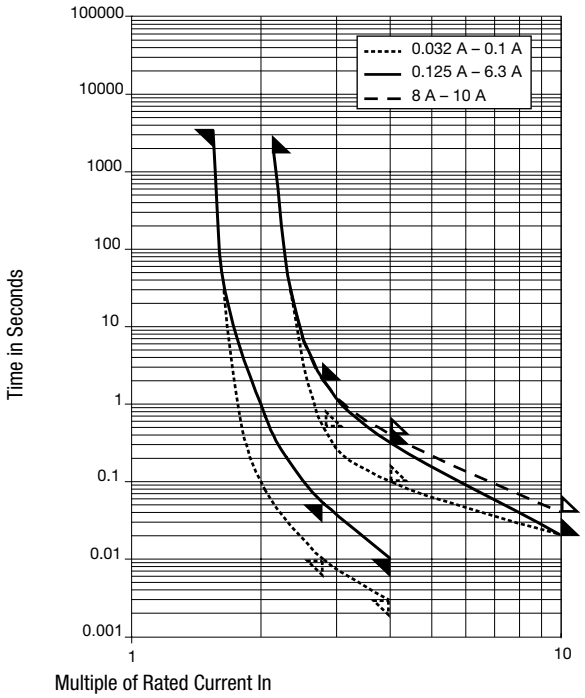
20 mm



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 max.
0.032 A - 0.1 A	60 min	30 min	10 ms	500 ms	3 ms	100 ms	20 ms
0.125 A - 6.3 A	60 min	30 min	50 ms	2 s	10 ms	300 ms	20 ms
8 A - 10 A	30 min	30 min	50 ms	2 s	10 ms	400 ms	40 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]	VDE	cULus	PSE JET	CCC	cQc	Order Number
0.032	250	1)	10000	1500	1600	700	0.000082	●	●		●		0034.1527
0.04	250	1)	8000	1100	1600	700	0.000128	●	●		●		0034.1528
0.05	250	1)	7000	3000	1600	700	0.00025	●	●		●		0034.1529
0.063	250	1)	5000	940	1600	300	0.000278	●	●		●		0034.1530
0.08	250	1)	4000	750	1600	300	0.00102	●	●		●		0034.1531
0.1	250	1)	3500	840	1600	400	0.0014	●	●		●		0034.1506
0.125	250	1)	2000	610	1600	400	0.00484	●	●		●		0034.1507
0.16	250	1)	2000	550	1600	500	0.0113	●	●		●		0034.1508
0.2	250	1)	1700	540	1600	500	0.0252	●	●		●		0034.1509
0.25	250	1)	1400	240	1600	200	0.0159	●	●		●		0034.1510
0.315	250	1)	1300	210	1600	200	0.0367	●	●		●		0034.1511
0.4	250	1)	1200	200	1600	200	0.085	●	●		●		0034.1512
0.5	250	1)	1000	150	1600	200	0.151	●	●		●		0034.1513
0.63	250	1)	650	140	1600	300	0.303	●	●		●		0034.1514
0.8	250	1)	240	110	1600	300	0.508	●	●		●		0034.1515
1	250	1)	200	110	1600	300	1.13	●	●	●	●		0034.1516
1.25	250	1)	200	100	1600	400	1.81	●	●	●	●		0034.1517
1.6	250	1)	190	100	1600	500	2.94	●	●	●	●		0034.1518
2	250	1)	170	90	1600	600	5.28	●	●	●	●		0034.1519
2.5	250	1)	170	90	1600	800	9.19	●	●	●	●		0034.1520
3.15	250	1)	150	90	2500	600	16.1	●	●	●	●		0034.1521
4	250	2)	130	90	2500	1000	25.6	●	●	●	●		0034.1522
5	250	2)	130	80	2500	1300	33.8	●	●	●	●		0034.1523
6.3	250	2)	130	80	2500	2000	53.2	●	●	●	●		0034.1524
8	250	2)	130	80	4000	2300	93.4	●	●	●		●	0034.1525
10	250	2)	130	70	4000	2500	183	●	●	●		●	0034.1526

Most Popular.

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

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 In @ 250 VAC

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

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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.