FSM 5x20

Miniature Fuse, 5 x 20 mm, Medium-Time-Lag M, 250 VAC



250 VAC · Medium-Time-Lag M

Description
- Low and Medium Breaking Capacity

Standards
- DIN 41571/2

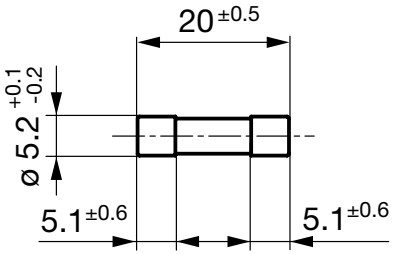
Weblinks
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

Technical Data

Rated Voltage	250 VAC, 125 VDC
Rated current	0.315 - 10 A
Breaking Capacity	80 A - 1000 A
Characteristic	Medium-Time-Lag M
Mounting	Fuseholder / Clip
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Tube	Glass / Ceramic
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight	0.92 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	⊟, Rated current, Rated voltage, Characteristic

Dimension

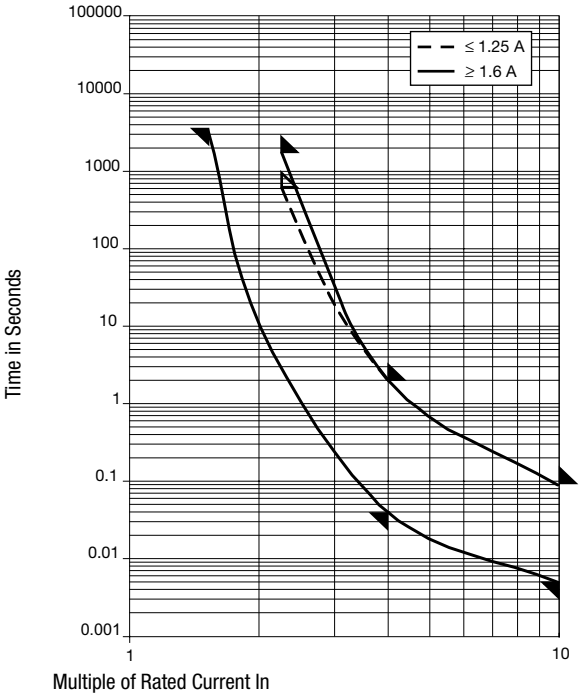
20 mm



Pre-Arcing Time

Rated Current In	1.5 x In min.	2.1 x In max.	4.0 x In min.	4.0 x In max.	10.0 x In min.	10.0 x In max.
0.315 A - 1.25 A	60 min	10 min	40 ms	2 s	5 ms	90 ms
1.6 A - 10 A	60 min	30 min	40 ms	2 s	5 ms	90 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 typ. [mW]	Melting I^2t 10.0 Intyp. [A^2s]	Order Number	
0.315	250	1)	250	200	200	0.268	0034.2511	
0.4	250	1)	230	160	200	0.632	0034.2512	
0.5	250	1)	210	140	200	0.675	0034.2513	■
0.63	250	1)	190	140	200	0.905	0034.2514	
0.8	250	1)	170	130	200	1.68	0034.2515	
1	250	1)	160	70	200	3.6	0034.2516	■
1.25	250	1)	160	70	200	5.47	0034.2517	
1.6	250	2)	160	150	600	3.33	0034.2518	■
2	250	2)	160	140	700	4.8	0034.2519	■
2.5	250	2)	160	130	800	10.9	0034.2520	
3.15	250	2)	160	120	1000	20.4	0034.2521	■
4	250	2)	160	120	1300	35.2	0034.2522	■
5	250	2)	150	100	1400	52.5	0034.2523	■
6.3	250	2)	140	100	1700	159	0034.2524	■
8	250	3)	140	90	2300	237	0034.2525	■
10	250	3)	120	80	2300	430	0034.2526	■

■ Most Popular.

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

1) 80 A @ 250 VAC / 80 A @ 125 VDC

2) 1000 A @ 250 VAC / 1000 A @ 125 VDC

3) 300 A @ 250 VAC / 300 A @ 125 VDC

Glass Tube: 0.315 A - 1.25 A

Ceramic Tube: 1.6 A - 10 A

Packaging Unit

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

26.03.2015

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.