

Miniature Fuse, 5 x 20 mm



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

**Description**

- IEC Standard Fuse
- H = High Breaking Capacity (Ceramic Tube)

Standards

- IEC 60127-2/1
- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- VDE License Number: 40009397
- UL File Number: E41599

Applications

- Primary Protection in Equipment

References

General Product Information

Time-Current Curves see last page

Pigtail Type [SP 5x20 Pigtail](#)


Fuse Kit [Miniature Fuses 5x20](#)

Weblinks

Approvals: <http://www.schurter.com/approvals>

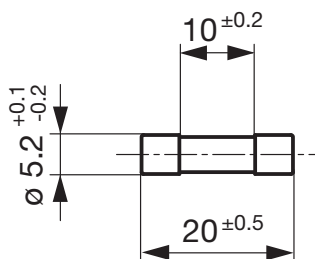
RoHS: <http://www.schurter.com/rohs>

Technical Data

Rated Voltage	250 VAC
Rated Current	0.5 - 16 A
Breaking Capacity	500 A - 1500 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	Ceramic
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight	1.18 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Current Rating, Voltage Rating, Characteristic, Breaking Capacity, Approvals

Dimensions





Length  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.
0.5 A - 4 A	60 min	30 min	10 ms	2 s	3 ms	300 ms	20 ms
5 A - 6.3 A	60 min	30 min	10 ms	3 s	3 ms	300 ms	20 ms
8 A - 10 A	30 min	30 min	40 ms	20 s	10 ms	1 s	30 ms
12.5 A - 16 A/12.5	15 min	30 min	40 ms	20 s	10 ms	1 s	30 ms

Variants

Order Number	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 In max [mW]	Power Dissipation 1.5 In typ [mW]	Melting I ² t 10.0 In typ [A ² s]				
0001.1001	0.5	250	1)	1800	830	2500	2400	0.098	●	●	●	●
0001.1002	0.63	250	1)	1500	800	2500	2400	0.207	●	●	●	●
0001.1003	0.8	250	1)	1200	580	2500	2400	0.469	●	●	●	●
0001.1004	1	250	1)	1000	600	2500	2500	0.75	●	●	●	●
0001.1005	1.25	250	1)	800	270	4000	1000	0.538	●	●	●	●
0001.1006	1.6	250	1)	600	350	4000	1600	0.755	●	●	●	●
0001.1007	2	250	1)	500	260	4000	1600	2	●	●	●	●
0001.1008	2.5	250	1)	400	260	4000	1900	3.28	●	●	●	●
0001.1009	3.15	250	1)	350	210	4000	1900	6.78	●	●	●	●
0001.1010	4	250	1)	300	200	4000	2400	12.6	●	●	●	●
0001.1011	5	250	1)	250	160	4000	2400	30.8	●	●	●	●
0001.1012	6.3	250	1)	200	150	4000	3200	36.7	●	●	●	●
0001.1013	8	250	1)	200	140	4000	3900	81.9	●	●	●	●
0001.1014	10	250	1)	200	130	4000	4700	141	●	●	●	●
0001.1015	12.5	250	2)		110		6900	203		●	●	
0001.1016	16	250	2)		120		7400	461		●		

1) IEC: H = 1500 A @ 250 VAC, p.f. = 0.7 - 0.8

1) UL: 10 kA @ 125 VAC, p.f. = 0.7 - 0.8 / 1500 A @ 250 VAC, p.f. = 0.7 - 0.8

2) IEC: 1000 A @ 250 VAC

2) UL: 500 A @ 125 VAC, p.f. = 0.7 - 0.8 / 1000 A @ 125 VAC / 500 A @ 250 VAC

Packaging Unit

Small Box Pack (10 pcs.)

xxxx.xxxx.G Bulk 128 x 91 x 60 mm (1000 pcs.)

SP 5x20

