

Cartridge Fuse, 6.3x32 mm, 500 VAC, 1-8 A, High Breaking Capacity of 1500 A

new



UL 248-14 · 500VAC · Quick-Acting F



#### Description

- High breaking capacity
- High rated current
- Pigtails optional

#### Standards

- UL 248-14
- CSA C22.2 no. 248.14

#### Approvals

- UL File Number: E41599

#### Applications

- 3-phase applications
- Industrial electronic
- Power supplies
- Frequency converter
- Power electronics


#### References

[Packaging Details](#)  
Pigtail Type [SHF 6.3x32 Pigtail](#)

#### Weblinks

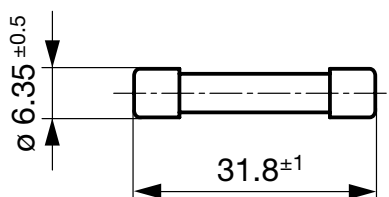
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

#### Technical Data

Rated Voltage	500VAC
Rated current	1 - 8A
Breaking Capacity	1500A
Characteristic	Quick-Acting F
Mounting	Fuseholder / Clip
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Tube	Ceramic
Material: Endcaps	Nickel-Plated Copper Alloy
Material: Axial Leads	Tin-Plated Copper
Unit Weight	2.84 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Type, Rated current, Rated voltage, Characteristic, Breaking capacity, Approvals

#### Dimension

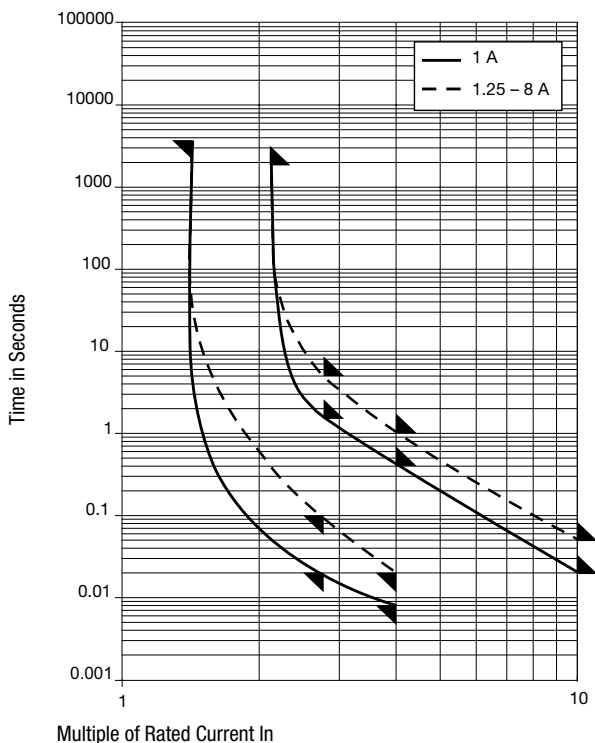
6.3 mm



## 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.
1 A - 1 A	60 min	30 min	20 ms	1.5 s	8 ms	400 ms	-	20 ms
1.25 A - 8 A	60 min	30 min	100 ms	5 s	20 ms	1 s	-	50 ms

## Time-Current-Curves



## Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Power Dissipation 1.5 In max. [mW]	Melting I²t 10.0 Intyp. [A²s]	Order Number
1	500	1)	400	1200	1.5	8020.5068
1	500	1)	400	1200	1.5	8020.5068.G
1.25	500	1)	300	1300	2.9	8020.5069
1.25	500	1)	300	1300	2.9	8020.5069.G
1.6	500	1)	300	1400	5.8	8020.5070
1.6	500	1)	300	1400	5.8	8020.5070.G
2	500	1)	280	1700	2	8020.5071
2	500	1)	280	1700	2	8020.5071.G
2.5	500	1)	260	2000	3.8	8020.5072
2.5	500	1)	260	2000	3.8	8020.5072.G
3.15	500	1)	240	2300	8.6	8020.5073
3.15	500	1)	240	2300	8.6	8020.5073.G
4	500	1)	220	2900	14.6	8020.5074
4	500	1)	220	2900	14.6	8020.5074.G
5	500	1)	190	2900	33.2	8020.5075
5	500	1)	190	2900	33.2	8020.5075.G
6.3	500	1)	170	3400	61.6	8020.5076
6.3	500	1)	170	3400	61.6	8020.5076.G
8	500	1)	160	3700	120	8020.5077
8	500	1)	160	3700	120	8020.5077.G

Most Popular.

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Power Dissipation 1.5 I <sub>n</sub> max. [mW]	Melting I <sup>2</sup> t 10.0 Intyp. [A <sup>2</sup> s]	Order Number
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Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

1) 1500 A @ 500 VAC

Packaging Unit	xxxx.xxxx	Small Box Pack (10 pcs.)
	xxxx.xxxx.G	Bulk (1000 pcs.)