SHF 6.3x32

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

new



UL 248-14 · 500 VAC · 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

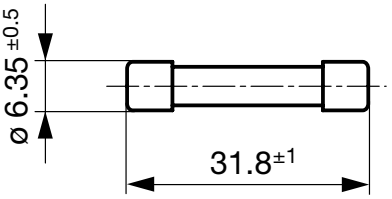
Weblinks
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

Technical Data

Rated Voltage	500 VAC
Rated current	1 - 8 A
Breaking Capacity	1500 A
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

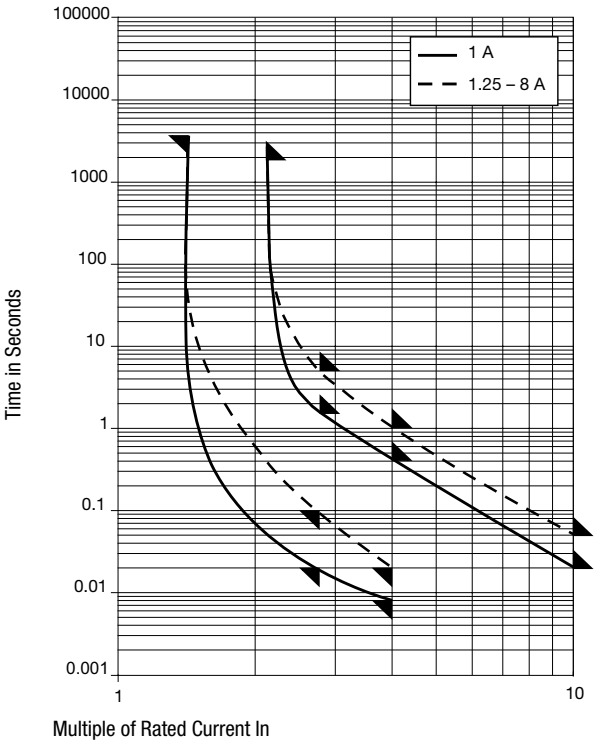
6.3 mm



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



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Power Dissipation 1.5 I_n max. [mW]	Melting I^2t 10.0 Intyp. [A^2s]	cULus	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_n max. [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) 1500 A @ 500 VAC

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

16.09.2014

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