FST 6.3x32 (UL)

Miniature Fuse, 6.3 x 32 mm, Time-Lag T, UL, 250 VAC



UL 248-14 · 250 VAC · Time-Lag T

See below:
Approvals and Compliances

Description

- UL Standard Fuse
- Glass Tube

Weblinks

pdf datasheet, html-datasheet, General Product Information, Packaging details, Distributor-Stock-Check, Detailed request for product

Technical Data

Rated Voltage	125 - 250 VAC
Rated current	0.063 - 15 A
Breaking Capacity	35 A - 10 kA
Characteristic	Time-Lag T
Mounting	Fuseholder / Clip
Admissible Ambient Air Temp.	-55 °C to 125 °C
Climatic Category	055/085/21 acc. to IEC 60068-1
Material: Tube	Glass
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight	2 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Rated current, Rated Voltage, Characteristic, Approvals

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: FST 6.3x32 (UL)

Approval Logo	Certificates	Certification Body	Description
	UL Approvals	UL	UL File Number: E42088
	CSA Approvals	CSA	CSA Certification Record:

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	UL 248-14	Low voltage fuses - Part 14: Additional fuses
	Designed according to	CSA22.2 No. 248.14	Low-Voltage Fuses - Part 14: Supplemental Fuses

Application standards

Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technologyequipment.

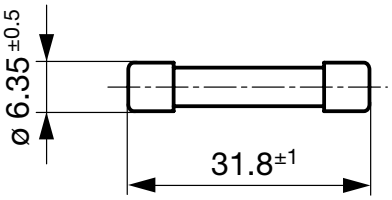
Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
China RoHS	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimension [mm]

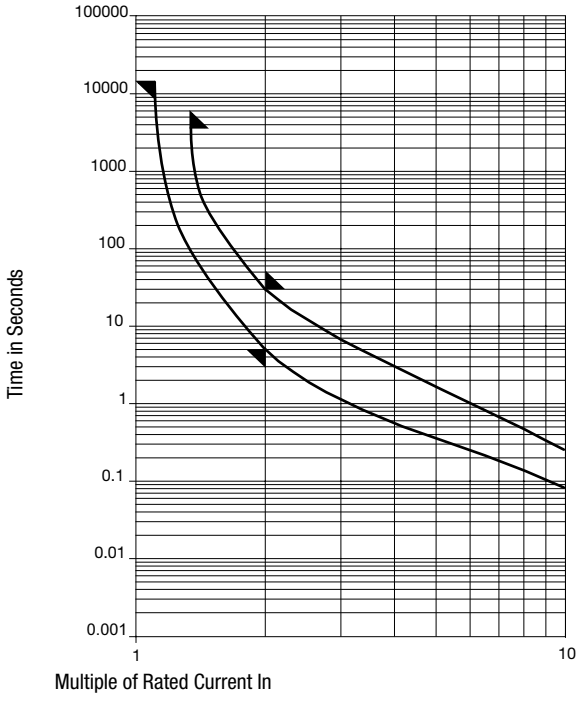
32 mm



Pre-Arcing Time

Rated Current In	1.1 x In min.	1.35 x In max.	2.0 x In min	2.0 x In max
0.063 A - 2 A	4 h	60 min	5 s	30 s
2.5 A - 20 A	4 h	60 min	5 s	30 s

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Power Dissipation 1.1 I_n typ. [mW]	Melting I^2t 10.0 Intyp. [A^2s]	UL	CSA	Order Number	
0.063	250	1)	7330	700	0.1	●	●	0034.5204	
0.1	250	1)	4500	1170	0.24	●	●	0034.5207	▮
0.125	250	1)	4136	1220	0.37	●	●	0034.5208	▮
0.2	250	1)	2808	1350	0.91	●	●	0034.5213	
0.25	250	1)	2334	1410	1.42	●	●	0034.5214	▮
0.3	250	1)	1950	1460	2.22	●	●	0034.5215	
0.375	250	1)	1800	1580	3.15	●	●	0034.5217	
0.5	250	1)	1125	1800	5.41	●	●	0034.5219	▮
0.75	250	1)	931	2030	10.1	●	●	0034.5223	▮
1	250	1)	750	2210	206	●	●	0034.5225	▮
1.25	250	2)	537	2300	32.3	●	●	0034.5227	
1.6	250	2)	450	2370	50	●	●	0034.5229	
2	250	2)	427	2480	79	●	●	0034.5231	▮
2.5	250	2)	359	2570	123	●	●	0034.5233	
3	250	2)	325	2660	192	●	●	0034.5235	
4	250	3)	286	2750	300	●	●	0034.5238	
5	250	3)	270	2840	469	●	●	0034.5239	▮
6.25	250	3)	180	1400	455	●	●	0034.5241	
7	250	3)	156	1470	592	●	●	0034.5243	
8	250	3)	140	1530	769	●	●	0034.5244	▮
10	125	4)	91	2700	1300	●	●	0034.5245	
12	125	4)	90	3300	2031	●	●	0034.5246	
15	125	4)	90	4500	3377	●	●	0034.5247	

▮ Most Popular.

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

1) 10 kA @ 125 VAC, p.f. = 0.7 - 0.8 / 35 A @ 250 VAC, p.f. = 0.7 - 0.8

2) 10 kA @ 125 VAC, p.f. = 0.7 - 0.8 / 100 A @ 250 VAC, p.f. = 0.7 - 0.8

3) 10 kA @ 125 VAC , p.f. = 0.7 - 0.8 / 200 A @ 250 VAC , p.f. = 0.7 - 0.8

4) 10 kA @ 125 VAC , p.f. = 0.7 - 0.8

Packaging Unit Small Box Pack (10 pcs.)

26.02.2018

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.