

Special Fuse, 14 x 50 mm Quick-Acting F, 500 VAC, 250 VDC



DTCN · 500 VAC · 250 VDC · Quick-Acting F

See below:

[Approvals and Compliances](#)

Description

- High breaking capacity

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Rated Voltage	500 VAC, 250 VDC	Resistance to Vibration	acc. to NF C 20-706 / IEC 60068-2-6, test Fc
Rated current	0.5 - 40 A	Shocks	acc. to NF C 20-706 / IEC 60068-2-27
Breaking Capacity	10 kA - 100 kA	Bumps	acc. to NF C 20-729 / IEC 60068-2-29
Characteristic	Quick-Acting F	Salt Mist	acc. to NF C 20-711 / IEC 60068-2-11
Admissible Ambient Air Temp.	-40 °C to 55 °C		
Climatic Category	40/055/21 acc. to IEC 60068-1		
Material: Tube	Ceramic		
Unit Weight	25 g		
Storage Conditions	0 °C to 60 °C, max. 70% r.h.		
Product Marking	HA32, Type, Rated Voltage		

Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 134485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

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

Approval Reference Type:

Approval Logo	Certificates	Certification Body	Description
GAM T1			
NNO			




Application standards

Application standards where the product can be used

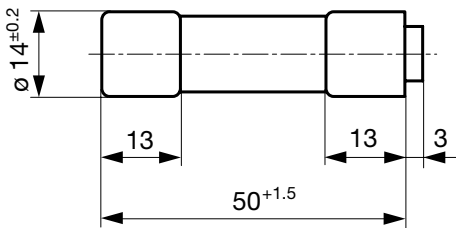
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	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.
	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	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] 

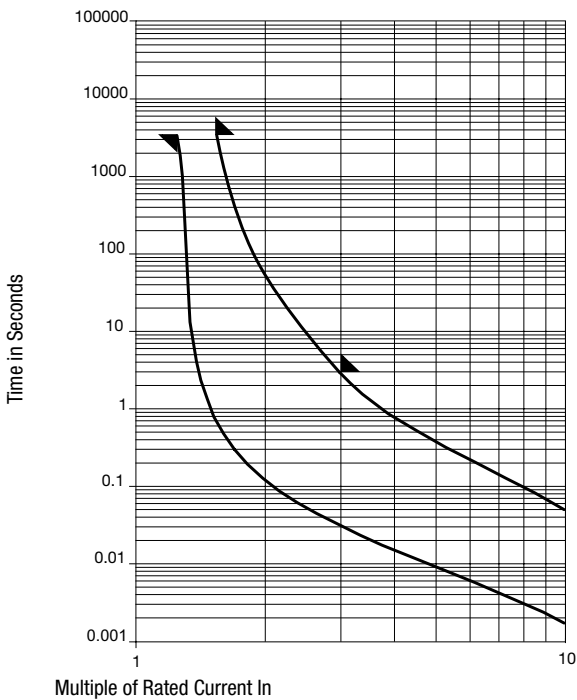


Pre-Arcing Time

Rated Current I_n 1.25 x I_n min. 1.55 x I_n max. 3.0 x I_n max.

0.5 A - 40 A	60 min	60 min	3 s
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Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	GAM T1	NNO	Order Number
0.5	500	250	1)	2400	●	●	7020.8510
1	500	250	1)	1400	●	●	7020.8520
2	500	250	1)	500	●	●	7020.8530
4	500	250	1)	450	●	●	7020.8540
6	500	250	1)	300	●	●	7020.8550
10	500	250	1)	250	●	●	7020.8560
15	500	250	1)	150	●	●	7020.8570
20	500	250	1)	120	●	●	7020.8580
30	500	250	1)	120	●	●	7020.8590
40	500	380	1)	100	●	●	7020.8610

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

1) 100 kA @ 500 VAC , p.f. \geq 0.3 / 10 kA @ 250 VDC , L/R < 10 ms

Packaging Unit Small Box Pack (10 pcs.)