

Special Fuse, 14 x 50 mm, Time-Lag T, 500 VAC, 250 VDC



DTCN · 500 VAC · 250 VDC · Time-Lag T

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
Rated current	1 - 20A
Breaking Capacity	100 kA
Characteristic	Time-Lag T
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	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			
<b>NNO</b>			




### Application standards

Application standards where the product can be used

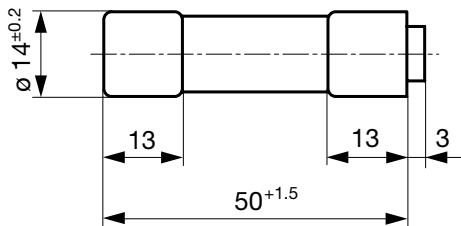
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

**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.

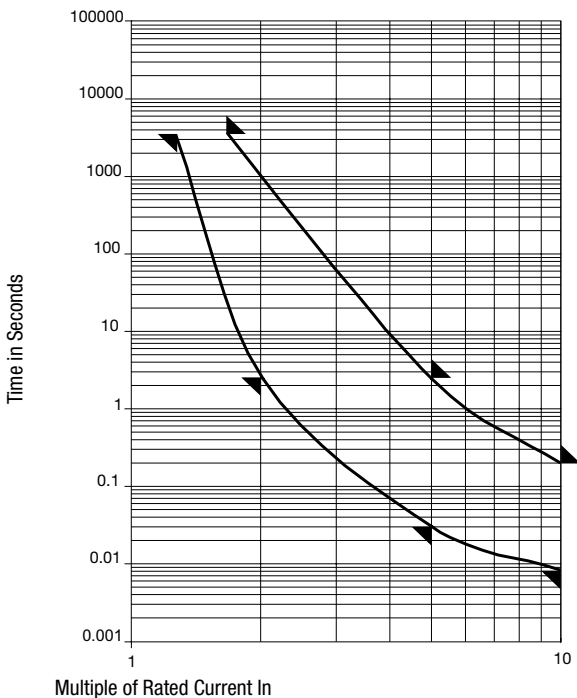
**Dimension [mm]** 



**Pre-Arcing Time**

Rated Current In	1.25 x In min.	1.65 x In max.	2.0 x In min.	5.0 x In min.	5.0 x In max.	10.0 x In min.	10.0 x In max.
1 A - 20 A	60 min	60 min	2.5 s	30 ms	2.5 s	8 ms	200 ms

**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
1	500	250	1)	1600	●	●	7025.5110
4	500	250	1)	680	●	●	7025.5130
6	500	250	1)	420	●	●	7025.5140
10	500	250	1)	110	●	●	7025.5150
15	500	250	1)	105			7025.5170
20	500	250	1)	100			7025.5160

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. ≥ 0.15 / 10 kA @ 50 VDC , L/R < 10 ms

**Packaging Unit**      Small Box Pack (10 pcs.)