

Inline Fuse 10 x 25 mm, 250 VAC, up to 63 A

new



250 VAC

See below:

[Approvals and Compliances](#)

Description

- High breaking capacity of 50 kA @ 250 VAC

Unique Selling Proposition

- Compact size
- High temperature resistance
- Mechanical vibration and shock resistance
- High breaking capacity

Applications

- Charge Pile
- Charge Gun
- Accessory Lighting
- Audio/Video Components
- General Wiring Protection
- Power Generation and Transmission
- Telecommunications

Weblinks

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

Technical Data

Rated Voltage	250 VAC
Rated current	16 - 63 A
Breaking Capacity	50 kA
Admissible Ambient Temp.	-40 °C to 125 °C
Material: Terminals	Silver-Plated Copper Alloy
Material: Tube	Ceramic
Storage Conditions	-40 °C to 70 °C, max. 70% r.h.
Product Marking	 Type, Rated current, Rated Voltage, Breaking Capacity, Approvals

Resistance to Vibration	IEC 60068-2-64 Test Fh
Salt Mist	IEC 60068-2-11 Test Ka
Dry Heat	IEC 60068-2-2 Test B
Cold	IEC 60068-2-1 Test A
Damp heat, steady state	IEC 60068-2-3 Test Ca
Mechanical Shock	IEC 60068-2-27 Test Ea
Temperature Cycling	IEC 60068-2-14 Test N

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 13485 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: ARO

Approval Logo	Certificates	Certification Body	Description
	CCC Approvals	CCC	CCC Certificate Number: 2025010308794765

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60269-4	Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices
	Designed according to	UL 248-13	Low voltage fuses - Part 13: Semiconductor fuses
	Designed according to	GB/T13539.4	Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices

Compliances

The product complies with following Guide Lines

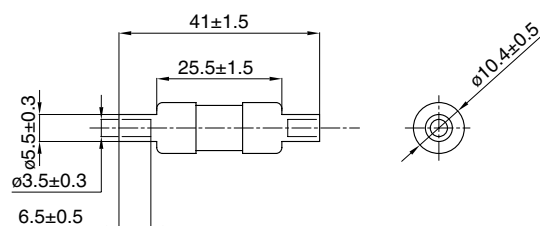
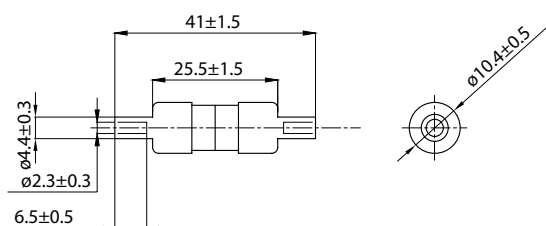
Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	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]

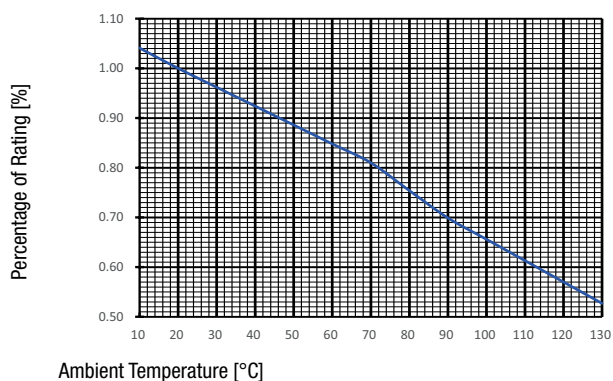
ARO 1025 Inline-32A or below

25 mm

ARO 1025 Inline- 40A-63A



Derating Curves

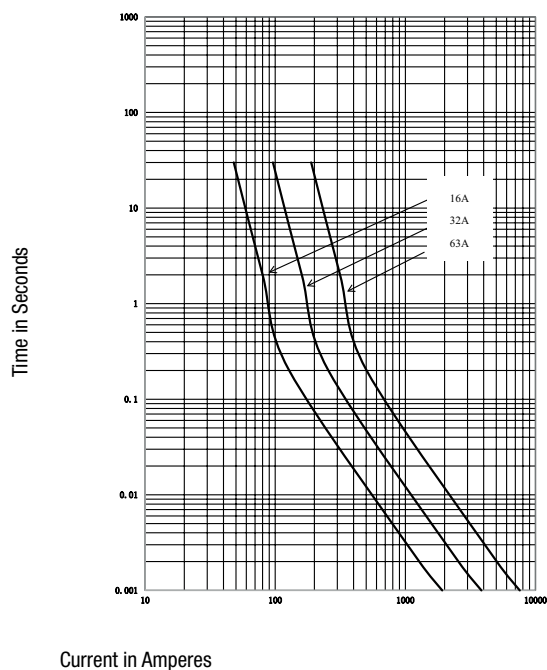


Pre-Arcing Time

Rated Current I_n 1.5 x I_n min. 8.0 x I_n max.

10 A - 63 A 7200 s 0.2 s

Time-Current-Curves



Variants

Rated Current [A]	Rated Voltage [VAC]	Mounting	Terminal Plating	Breaking Capacity (kA)	Pre-arcing I^2t typ. [kA ² s]	Melting I^2t typ. [kA ² s]	Power Dissipation 1.0 I_n typ. [W]	Order Number
16	250	Inline	Silver-Plated Copper Alloy	50	0.03	0.32	0.8	8060.0270
32	250	Inline	Silver-Plated Copper Alloy	50	0.14	1.32	2.1	8060.0274
63	250	Inline	Silver-Plated Copper Alloy	50	0.74	6.86	5.4	8060.0277

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Packaging Unit

Bulk (90 pcs.)