Heavy Duty Fuse Clip, 10.3 x 38 /10.3 x 85 mm, 1500 VAC/VDC, 32 A

new

Heavy duty fuse clip
Solder THT terminal

Heavy duty fuse clip
Screw or rivet terminal

1500 V · 32 A

See below:
Approvals and Compliances

Description
- Solder, screw or rivet mounting
- For photovoltaic and other DC applications
- Suitable gPV fuse link ASO 10.3x38

Unique Selling Proposition
- Special copper alloy material for high efficiency
- Very low contact resistance
- Minimal power dissipation due to strong clamping force
- Ideal for use in high power applications like EV-charging

Applications
- All photovoltaic applications
- Inverters
- Battery charge controllers
- String fuse holder
- DC applications
- E-Mobility charging stations

References
Fuseholder to AEO 10.3x38; ASO 10.3x38

Weblinks
pdf data sheet, html datasheet, General Product Information, Packaging details, Distributor-Stock-Check, Accessories, Detailed request for product, Microsite

Technical Data

Fuse-Link	10.3 x 38 / 10.3 x 85 mm
Mounting	PCB
Terminal	Solder THT, screw or rivet
Rated Voltage	1500 V
Rated current	32 A
Admissible Ambient Air Temp.	-40 °C to 155 °C [1]
Climatic Category	40/155/21 acc. to IEC 60068-1 [1]
Material	Copper alloy, silver-plated / tin-plated [1]
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	回, Type

Soldering Methods	Wave Soldering Profile
Solderability	245 °C / 3 sec acc. to IEC 60068-2-20, Test Ta, method 1
Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 1
Contact Resistance	≤ 1 mΩ at 100 mA

[1] Details see table of variants

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: CSO

Approval Logo	Certificates	Certification Body	Description
cᴿᵁUS	UL Approvals	UL	UL File Number: E39328

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Product standards
Product standards that are referenced

Organization	Design	Standard	Description
(UL)	Designed according to	UL 4248-1	Fuseholder general requirements
CSA Group	Designed according to	CSA C22.2 no. 4248.1	Fuseholder general requirements

Application standards
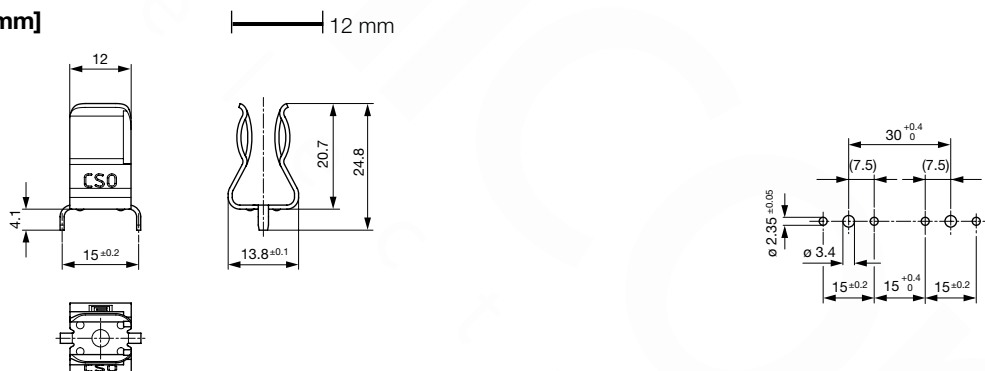Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

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 COMPLIANT	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
(e)	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]
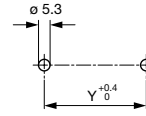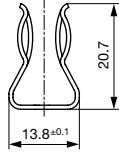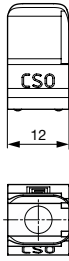

Solder THT version

Drilling diagram

Screw or rivet version M3

For fuse type 10.3 mm x 38 mm: Y= 30 mm
For fuse type 10.3 mm x 85 mm: Y= 77 mm

Drilling diagram

Screw or rivet version M5

For fuse type 10.3 mm x 38 mm: Y= 30 mm
For fuse type 10.3 mm x 85 mm: Y= 77 mm

Drilling diagram

All Variants

Weight	Terminal	Packaging	Admissible Ambient Air Temp.	Climatic Category	Coating	Order Number	
4.4 g	Screw or Rivet M5	Bulk 128 x 91 x 60 mm (100 pcs.)	-40 °C - 125 °C	40/125/21	Tin-plated	3-111-506	
4.4 g	Screw or Rivet M5	Bulk 251 x 159 x 152 mm (1000 pcs.)	-40 °C - 125 °C	40/125/21	Tin-plated	3-111-507	▮
4.4 g	Screw or Rivet M5	Bulk 128 x 91 x 60 mm (100 pcs.)	-40 °C - 155 °C	40/155/21	silver-plated	3-124-244	
4.4 g	Screw or Rivet M5	Bulk 251 x 159 x 152 mm (1000 pcs.)	-40 °C - 155 °C	40/155/21	silver-plated	3-124-245	▮
4.45 g	Screw or Rivet M3	Bulk 128 x 91 x 60 mm (100 pcs.)	-40 °C - 155 °C	40/155/21	silver-plated	0751.0500	▮
4.45 g	Screw or Rivet M3	Bulk 251 x 159 x 152 mm (1000 pcs.)	-40 °C - 155 °C	40/155/21	silver-plated	0751.0501	
4.45 g	Screw or Rivet M3	Bulk 128 x 91 x 60 mm (100 pcs.)	-40 °C - 125 °C	40/125/21	Tin-plated	0751.0502	
4.45 g	Screw or Rivet M3	Bulk 251 x 159 x 152 mm (1000 pcs.)	-40 °C - 125 °C	40/125/21	Tin-plated	0751.0503	
4.6 g	Solder, THT	Bulk 128 x 91 x 60 mm (100 pcs.)	-40 °C - 155 °C	40/155/21	silver-plated	0751.0505	▮
4.6 g	Solder, THT	Bulk 251 x 159 x 152 mm (1000 pcs.)	-40 °C - 155 °C	40/155/21	silver-plated	0751.0506	▮
4.6 g	Solder, THT	Bulk 128 x 91 x 60 mm (100 pcs.)	-40 °C - 125 °C	40/125/21	Tin-plated	0751.0507	▮
4.6 g	Solder, THT	Bulk 251 x 159 x 152 mm (1000 pcs.)	-40 °C - 125 °C	40/125/21	Tin-plated	0751.0508	▮

▮ Most Popular.

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

Accessories

	Description

ESO 10.3x38
Fuse Inserter/Extractor with Cover Function for 10.3x38 mm Fuses in Clips, Patent Pending