# ESO 10.3x38

Fuse Inserter/Extractor with Cover Function for 10.3x38 mm Fuses in Clips

new



ESO Fuse Inserter/Extractor (part of the delivery)

**Order required accessories separately**



ESO to protect ASO in CSO clip on PCB mounted (only ESO is part of the delivery)



CSO clip mounted on PCB with ASO, without ESO (not part of the delivery)



CSO clip mounted on PCB without ESO (not part of the delivery)

## Description
- Fuse inserter, extractor and cover in one component
- Patented, compact and cost-effective design
- Terminal marking optional possible
- Touch-safe according to IP20
- Captive fuse
- Designed for use with CSO clips only

## Standards
- UL 4248-1 / UL 512
- CSA C22.2 no. 39

## Approvals
- UL File Number: E39328

## Applications
- All photovoltaic applications
- Inverters
- Battery charge controllers
- String fuses
- DC applications

## References
Mating cover to ASO 10.3x38; CSO

## Weblinks
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Accessories, Detailed request for product, Video

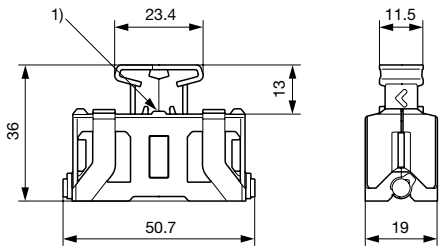
## Technical Data

| | |
|---|---|
| Fuse-Link | 10.3 x 38 mm |
| Mounting | Plug-in assembly |
| Degree of Protection | IP 20 |
| Admissible Ambient Air Temp. | -40 °C to 85 °C |
| Climatic Category | 25/085/21 acc. to IEC 60068-1 |
| Material: Cover | Thermoplastic black UL 94V-0 |
| Material | Thermoplastic black UL 94V-0 |
| Unit Weight | 9.2 g |
| Storage Conditions | 0 °C to 60 °C, max. 70% r.h. |
| Product Marking | SCHURTER, Type, Safety Note |

| | |
|---|---|
| Contact Resistance | < 5 mΩ at 20 mV |
| Pollution Degree | 1 - 3 acc. to IEC 60664-1 |
| Resistance to Vibration | acc. to IEC 60068-2-6, test Fc |

## Dimension

50.7 mm




1) Position for optional terminal marking
(terminal block width: 5.2 mm, lettering field: 4.6x5.1 mm,
e.g. item 0818153 from Phoenix Contact)

## All Variants

| Type | Packaging | Order Number |
|---|---|---|
| ESO | Bulk (50 pcs.) | 0853.1250 |
| ESO | Bulk (500 pcs.) | 0853.1251 |

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

**Packaging Unit** Bulk 128 x 91 x 60 mm (50 pcs.)

## Required Accessory

| | Description |
|---|---|
|  | CSO<br>Heavy Duty Fuse Clip, 10.3 x 38 /10.3 x 85 mm, 1500 VAC/VDC, 32 A |

03.03.2015



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.