

## 1 Products affected

Product hierarchy no. *			Part no.	SBU	Type / Description	Customer part no.
SBU	PG	PUG	Type			
01	002	063	0000000598	0031.1667	FEU fingergrip carrier 6.3x32	n/a
			0000000685	0031.1812	FEU (Grip) carrier 6.3x32	
		003		0031.1761	FEU with fingergrip 6.3x32	
			0000000523	0031.1765	FEU with fingergrip 6.3x32	
				0031.1755	FEU with fingergrip 6.3x32	
			0000000679	0031.1804	FEU (Grip) with fuse carrier 6.3x32	



\*SBU (2-digit) / PG (3-digit) / PUG (3-digit) / Type (10-digit)

## 2 Type of change

- Improved electrical contact

## 3 Detailed description of change

The contact spring on FEU finger grip carrier and FEU (Grip) carrier for 6.3x32mm fuse is improved.

Old holding spring	New holding spring
	

## 4 Reason of change

Product improvement.

## 5 Release date

The change will be rolled-out starting ww 06/2018 (Date code 1806 or higher on label) and lasts approx. 6 months, depending on stock.

## 6 Impact of change and recommended action

Form	Yes	Contact spring of fuse carrier changed
Fit	No	No change for dimension
Function	No	No functional change
Production Site	No	No change of the production site
Product Label	No	No label on the change
Packaging	No	No change in packaging

## 7 Reference Documents / Attachments

Kind of document	Remarks
<a href="#">Data sheet</a>	Fusecarrier FEU
<a href="#">Data sheet</a>	Fuseholder FEU grip
<a href="#">Data sheet</a>	Fusecarrier FEU grip

Product Change Notification					FEU fingergrip improvement		
owner	creation date	release date	released by	change order no	rev	page	D10-016-241
dislercy	08.06.2017	21.12.2017	haeckima	2013038	A	1 of 1	

Shock-Safe Fuseholder, 5 x 20 / 6.3 x 32 mm, Fingergrip



Socket with Cap to Grip

250 VAC · 4 W/10 A (VDE) · 600 VAC/DC · 20 A (UL/CSA)

## Approvals and Compliances


### Description

- Screw type fuse carrier

### Weblinks

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

### Technical Data

Shock-Safe Category	PC2
Fuse-Link	5 x 20 or 6.3 x 32 mm
Mounting	Panel Mount, Front Side
Attachment	Fixing Nut
Terminal	Solder
Rated Voltage	250 VAC (VDE), 600 VAC/DC (UL/CSA)
Rated current	10 A (VDE), 20 A (UL/CSA)
Rated Power Acceptance IEC	4 W / 10 A @ Ta 23 °C Admissible power acceptance at higher ambient temperature see derating curves
Degree of Protection	IP 40
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Socket	Thermoset, black
Material: Terminals	Tin-Plated Copper Alloy
Unit Weight	5.5 g / 3.22 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Type, Rated Voltage, Rated current, Approvals

Soldering Methods	Iron <a href="#">Soldering Profile</a>
Solderability	350 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 2
Resistance to Soldering Heat	350 °C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 2
Contact Resistance	< 5 mΩ at 20 mV
Dielectric Strength	> 3 kV > 4 kV between L/N-PE (50 Hz; 1 min)
Impulse Withstand Voltage	> 4 kV between L-N > 6 kV between L/N-PE
Insulation Resistance	> 10 MΩ between L-N > 100 MΩ between L/N-PE (500 VDC; 1 min)
Overvoltage Category	I - III acc. to IEC 60664-1
Pollution Degree	1 - 3 acc. to IEC 60664-1
Admissible Torque on Fixing Nut	max 1.2 Nm
Panel Thickness	max 7 mm



## Approvals and Compliances

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

### Approvals




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

Approval Reference Type: FEU

Approval Logo	Certificates	Certification Body	Description
	<a href="#">VDE Approvals</a>	VDE	VDE Certificate Number: 40045912
	<a href="#">UL Approvals</a>	UL	UL File Number: E39328



Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60127-6	Miniature fuses. Part 6. Fuse-holders for miniature fuse-links
	Designed according to	UL 4248-1	Standard for Safety Fuseholders
	Designed according to	CSA C22.2 no. 4248.1	Fuseholder general requirements





Application standards

Application standards where the product can be used

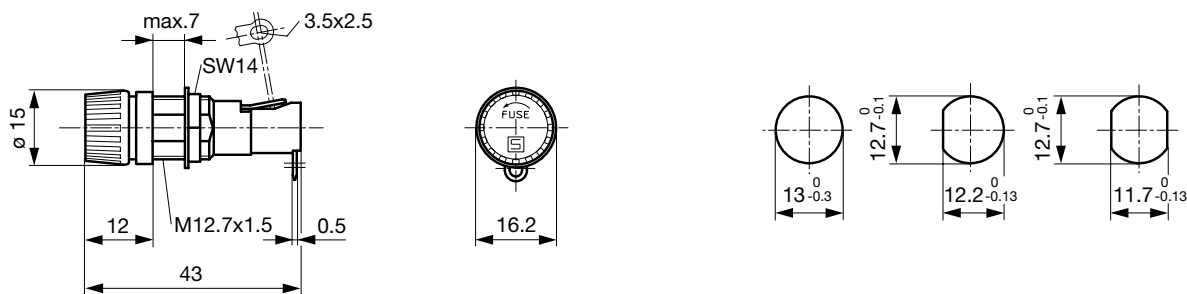
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.
	Designed for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	<a href="#">CE declaration of conformity</a>	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.
	<a href="#">RoHS</a>	SCHURTER AG	EU Directive RoHS 2011/65/EU
	<a href="#">China RoHS</a>	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.
	<a href="#">REACH</a>	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.

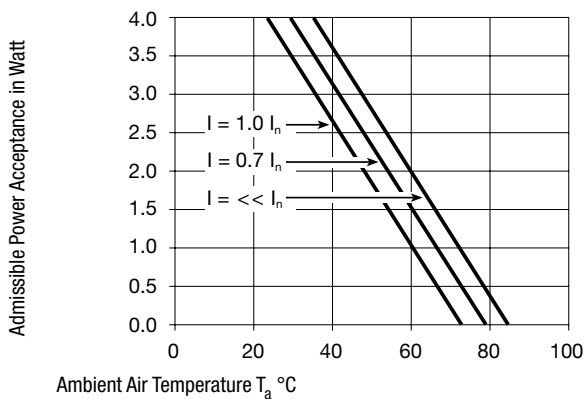
Dimension [mm]



Variant Fingergrip 0031.1801

Mounting holes

Derating Curves



## All Variants

Holder	Cap	Fuse-Link	Degree of Protection	Remark	Order Number
●	-	5 x 20 or 6.3 x 32mm	IP 40	-	0031.1801
●	Fingergrip	6.3 x 32mm	IP 40	0031.1801 + 0031.1812	0031.1804
●	Fingergrip	5 x 20mm	IP 40	0031.1801 + 0031.1811	0031.1803

Most Popular.

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

**Packaging Unit** Bulk (100 pcs.)

## Accessories

### Description



[Caps to FEU \(Grip\)](#)  
Caps for Holder FEU (Grip)

Caps Fingergrip for Holder FEU, FAU, FAC



250 VAC · 4 W · 600 VAC/DC · 20 A (UL/CSA)

## Approvals and Compliances

### References

Mating Cap to [FAC](#); [FAU](#); [FEU](#)

### Weblinks

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

### Technical Data



Fuse-Link	5 x 20 or 6.3 x 32 mm
Rated Voltage	250 VAC (VDE), 600 VAC/DC (UL/CSA)
Rated current	10 A (VDE), 20 A (UL/CSA)
Rated Power Acceptance IEC	4 W @ Ta 23 °C
Degree of Protection	IP 40
Admissible Ambient Air Temp.	-40 °C to 85 °C
Material: Cap	Thermoset, UL 94V-0
Storage Conditions	0 °C to 60 °C, max. 70% r.h.

## Approvals and Compliances

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


### Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60127-6	Miniature fuses. Part 6. Fuse-holders for miniature fuse-links
	Designed according to	UL 4248-1	Fuseholder general requirements




### Application standards


Application standards where the product can be used

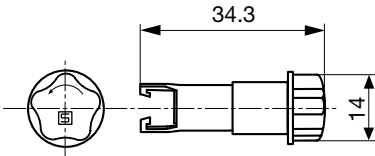
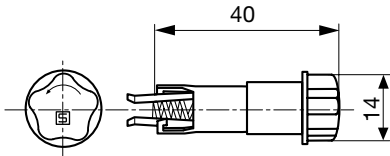
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

### Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	<a href="#">RoHS</a>	SCHURTER AG	EU Directive RoHS 2011/65/EU
	<a href="#">China RoHS</a>	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.
	<a href="#">REACH</a>	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]  40 mm



All Variants

Cap	Fuse-Link	Degree of Protection	Order Number
Fingergrip	6.3 x 32mm	IP 40	0031.1667
Fingergrip	5 x 20mm	IP 40	0031.1741

Most Popular.

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

Packaging Unit Plastic Bag (100 pcs.)

## Caps for Holder FEU (Grip)



250 VAC · 4 W / 10 A (VDE) · 600 VAC/DC · 20 A (UL/CSA)

## Approvals and Compliances

### References

Mating Cap to [FEU \(Grip\)](#)

### Weblinks

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

### Technical Data



Fuse-Link	5 x 20 or 6.3 x 32 mm
Rated Voltage	250 VAC (VDE), 600 VAC/DC (UL/CSA)
Rated current	10 A (VDE), 20 A (UL/CSA)
Rated Power Acceptance IEC	4 W / 10 A @ Ta 23 °C
Degree of Protection	IP 40
Admissible Ambient Air Temp.	-40 °C to 85 °C
Material: Cap	Thermoplastic, UL 94V-0
Storage Conditions	0 °C to 60 °C, max. 70% r.h.

## Approvals and Compliances

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


### Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60127-6	Miniature fuses. Part 6. Fuse-holders for miniature fuse-links
	Designed according to	UL 4248-1	Fuseholder general requirements




### 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
	<a href="#">RoHS</a>	SCHURTER AG	EU Directive RoHS 2011/65/EU
	<a href="#">China RoHS</a>	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.
	<a href="#">REACH</a>	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]

29.5 mm



All Variants

Cap	Fuse-Link	Degree of Protection	Order Number
Fingergrip	6.3 x 32mm	IP 40	0031.1812
Fingergrip	5 x 20mm	IP 40	0031.1811

Most Popular.

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

Packaging Unit

Plastic Bag (100 pcs.)