Distributed by:

JAMECO® ELECTRONICS

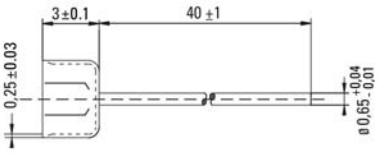
www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

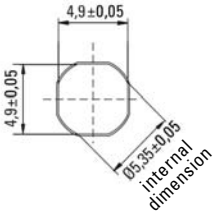
Jameco Part Number 1717610

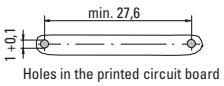
Holder / No. 268

PC Mount, 5x20mm Fuses leadfree



3mm Cap depth





Specifications

Mounting
For direct soldering to PC Boards.
Leads should not be twisted or bent closer than 3mm from the cap.
Sharp bending of the leads can cause mechanical weakness followed by breaking of the leads.

Materials
Holder: Brass, nickel-plated
Axial Leads: Copper, tin-plated for soldering

Electrical Data (23°C)
Rated Voltage: 250V
Maximum Current: 8A

Minimum Cross Section
Conducting path - 0.2mm^2

Unit Weight
0.3g

Packaging
Bulk (5000 pcs.)

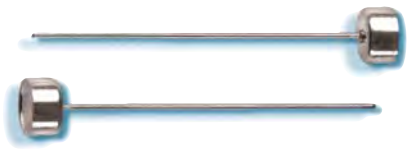
Order Number
Holder No. 268 0000 100

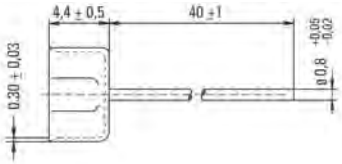
Order Information

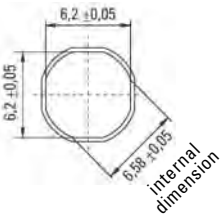
Qty.	Order-Number	Series		Packaging
		268	0000	100

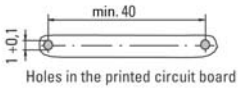
Holder / No. 266

PC Mount, 6.3x32mm Fuses leadfree









Specifications

Mounting
For direct soldering to PC Boards.
Leads should not be twisted or bent closer than 3mm from the cap.
Sharp bending of the leads can cause mechanical weakness followed by breaking of the leads.

Materials
Holder: Brass, silver-plated
Axial Leads: Copper, tin-plated for soldering

Electrical Data (23°C)
Rated Voltage: 250V
Maximum Current: 8A

Minimum Cross Section
Conducting path - 0.2mm^2

Unit Weight
0.4g

Packaging
Bulk (2000 pcs.)

Order Number
Holder No. 266 0000 100

Order Information

Qty.	Order-Number	Series		Packaging
		266	0000	100

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications are subject to change without notice.

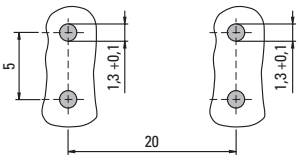
WICKMANN

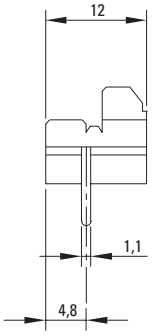
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

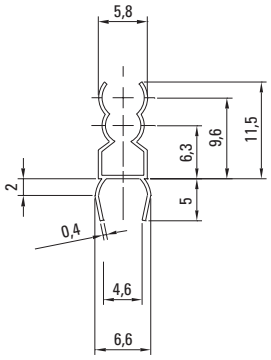
WebSite www.littelfuse.com

Clip / No. 518 lead free

PC Mount, 5x20 mm / 6.3x32 mm Fuses







RoHS

Specifications

Approvals
UL Recognized

Mounting
PC Board, 5mm pin spacing
Kicked solder pins 0.4 x 1.1 mm

Materials
Clip: Copper alloy
Solderable, tinned

Electrical Data (23 °C)
Rated Voltage: 250 V
Max. Current/Power: 10 A/2.5 W

Minimum Cross Section
Conducting path - 0.2 mm^2

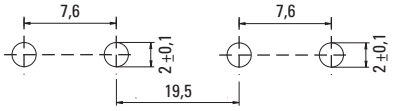
Unit Weight
0.9 g

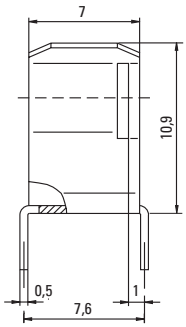
Packaging
Bulk (1000 pcs.)

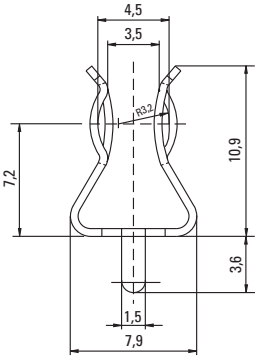
Order Number
Clip No. 518 0000 100

Clip / No. 102071 lead free

PC Mount, 6.3x32 mm Fuses







RoHS

Specifications

Mounting
PC Board, 7.6 mm pin spacing
Solder pins 0.5 x 1.5 mm

Materials
Clip: Copper alloy
Solderable, tinned

Electrical Data (23 °C)
Rated Voltage: 500 V
Max. Current/Power: 10A/4 W

Minimum Cross Section
Conducting path - 0.2mm^2

Unit Weight
0.9 g

Packaging
Bulk (2000 pcs.)

Order Number
Clip No. 102 0710 100

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

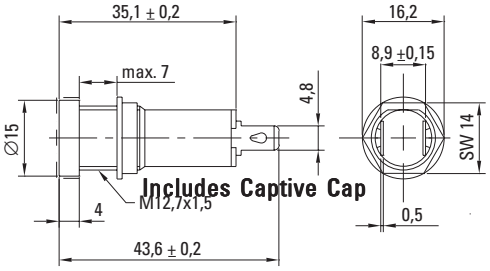
Specifications are subject to change without notice

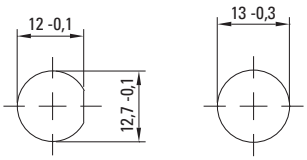
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 870

Panel Mount, Shocksafe Medical Grade, 5x20mm Fuses





Panel alternatives

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
VDE Report
SEMKO
UL Recognized
CSA
SEV

Mounting
12.7mm diameter D-hole or 13mm round hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 4.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC3 (IEC 60127-6)
Live parts are fully inaccessible to a 1mm diameter probe

Materials
Holder/Cap: Black Thermoplastic, UL 94V0
Metal Parts: Copper alloy, corrosion protected
Terminals: Solderable, tinned

Electrical Data (23°C)
Rated Voltage: 250V
Rated Current: 10A
Rated Power: 2.5W (VDE/SEMKO)

Operating Temperature
-40°C to +85°C (consider de-rating)

Climatic Test
-40°C/+85°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.35mm amplitude
60 - 500Hz at 5g acceleration

Contact Resistance
≤ 5mΩ

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
350°C, 2 sec.

Soldering Heat Resistance
350°C, 10 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
870, 250V, Approvals

Unit Weight
5.6g

Order Information

Packaging
Bulk (100 pcs.)

Order Numbers
Holder and Cap No. 870 0000 100

Specifications are subject to change without notice

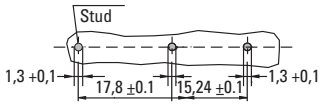
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

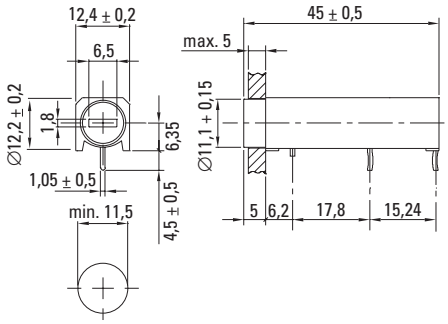
Holder / No. 862

PC Mount, Shocksafe 5x20mm / 6.3x32mm Fuses

Horizontal / 2-Pin

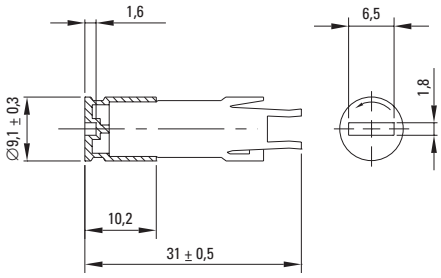


Holes in the printed circuit board: 1,3 +0,1



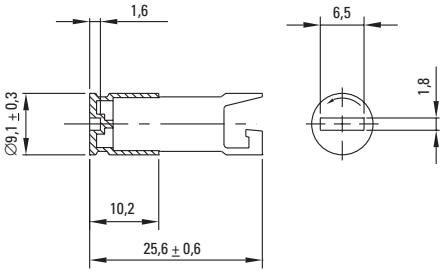
Cap / No. 865

For 5x20mm Fuses



Cap / No. 866

For 6.3x32mm Fuses



Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 862 0000 100
Cap, 5x20mm	No. 865 0000 100
Cap, 6.3x32mm	No. 866 0000 100

RoHS

Specifications are subject to change without notice

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
VDE Report
SEMKO
UL Recognized
CSA
SEV

Mounting
(2) Solder pins 0.5mm x 1.1mm and plastic stud
Pins are kicked for optimal soldering

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials
Holder/Cap: Black Thermoplastic, UL 94V0
Metal Parts: Copper alloy, corrosion protected
Terminals: Solderable, tinned

Electrical Data (23°C)
Rated Voltage: 250V
Rated Current: 10A (VDE/SEMKO/SEV)
16A (UL/CSA)
Rated Power: 862/865: 2.5W (VDE/SEV)
862/866: 3.2W (VDE/SEV)

Operating Temperature
-40°C to +85°C (consider de-rating)

Climatic Test
-40°C/+85°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.35mm amplitude
60 - 500Hz at 5g acceleration

Contact Resistance
≤5mΩ

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 2 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
350°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

Marking
862, 250V, Approvals

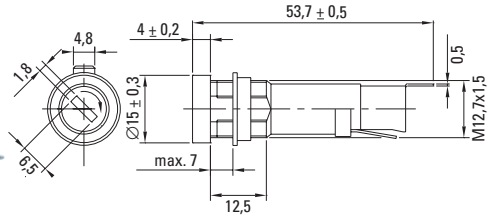
Unit Weight
5.6g (862) / 3.3g (865) / 2.5g (866)

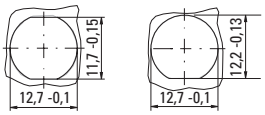
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 860

Panel Mount, Shocksafe 5x20mm / 6.3x32mm Fuses

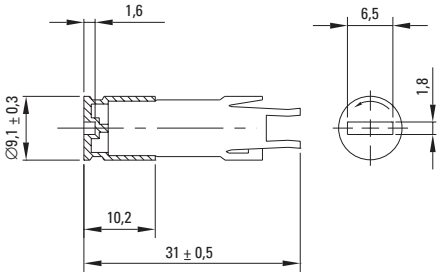




Panel alternatives

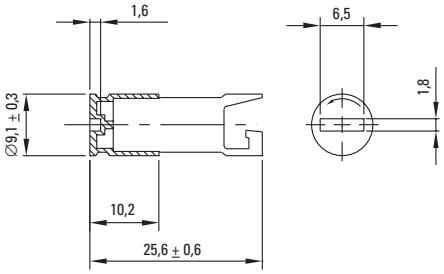
Cap / No. 865

For 5x20mm Fuses



Cap / No. 866

For 6.3x32mm Fuses



Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 860 0000 100
Cap, 5x20mm	No. 865 0000 100
Cap, 6.3x32mm	No. 866 0000 100

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

RoHS

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
VDE Report
SEMKO
UL Recognized
CSA Certified
SEV

Mounting
12.7mm diameter D-hole or double D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 4.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials
Holder/Cap: Black Thermoplastic, UL 94V0
Metal Parts: Copper alloy, corrosion protected
Terminals: Solderable, tinned

Electrical Data (23°C)
Rated Voltage: 250V
Rated Current: 10A (VDE/SEMKO)
16A (CSA)
20A (UL)
Rated Power : 4.0W (VDE/SEMKO)

Operating Temperature
-40°C to +85°C (consider de-rating)

Climatic Test
-40°C/+85°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 500Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 2 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
350°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
860, 250V, Approvals

Unit Weight
5.3g (860) / 3.3g (865) / 2.5g (866)

Specifications are subject to change without notice

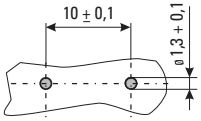
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

WebSite www.littelfuse.com

Holder / No. 852

Vertical / 2-Pin



Holes in the printed circuit board: 1,3 +0,1

Cap / No. 855

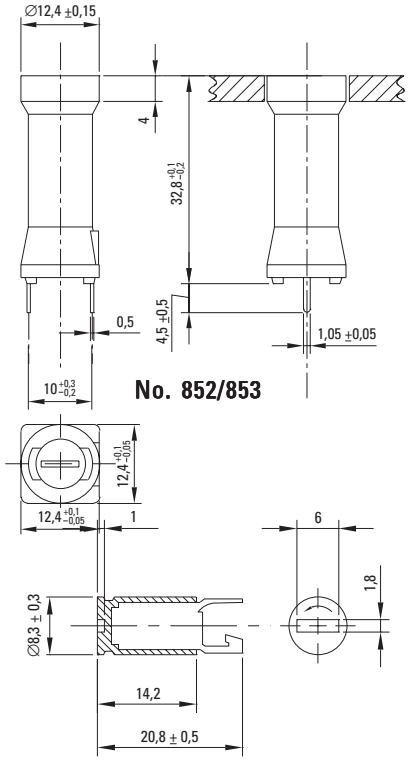
Without silicon ring (IP 40)

Holder / No. 853

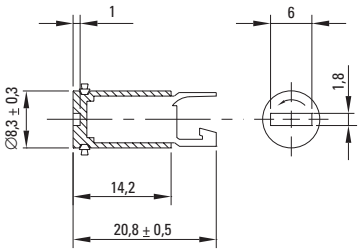
Cap / No. 856

With silicon ring (IP 54)
(from front side only)

PC Mount, Shocksafe 5x20mm Fuses



No. 852/853



RoHS

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
VDE Report
SEMKO
UL Recognized
CSA
SEV

Mounting
(2) Solder pins 0.5mm x 1.1mm

Protection Class & Category
IP 40 (with Cap 855 acc. to IEC 60529)
IP 54 (with Cap 856 acc. to IEC 60529)
PC2 (IEC 60127-6)

Materials
Holder/Cap: Black Thermoplastic, UL 94V0
Sealing Ring: Silicon (Cap 856)
Metal Parts: Copper alloy, corrosion protected
Terminals: Solderable, tinned

Electrical Data (23°C)
Rated Voltage: 250V
Rated Current: 6.3A (VDE/SEMKO)
10A (CSA)
12A (UL)
Rated Power: 2W (VDE)

Operating Temperature
-40°C to +85°C (consider de-rating)

Climatic Test
-40°C/+85°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 500Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 2 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
350°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

Marking
Part No., 250V, Approvals

Unit Weight
3.2g (852) / 1.8g (855)
3.2g (853) / 1.9g (856)

Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder, IP 40	No. 852 0000 100
Cap, without Ring, IP 40	No. 855 0000 100
Holder, IP 54	No. 853 0000 100
Cap, with Ring, IP 54	No. 856 0000 100

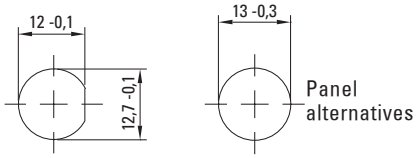
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications are subject to change without notice

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

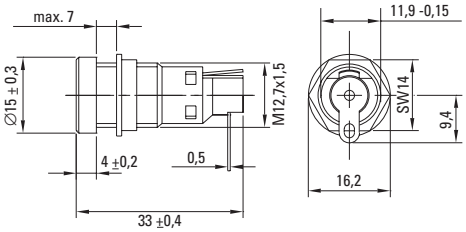
Holder / No. 850

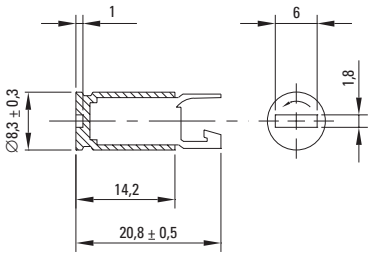


Cap / No. 855

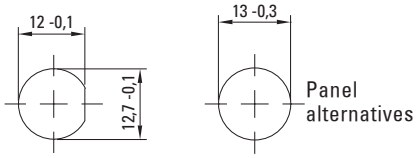
Without silicon ring (IP 40)

Panel Mount, Shocksafe 5x20mm Fuses

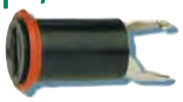




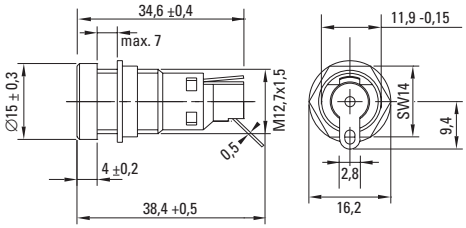
Holder / No. 851

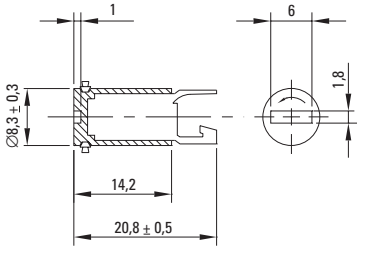


Cap / No. 856



With silicon ring (IP 54)
(from front side only)





Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder, IP 40	No. 850 0000 100
Cap, without Ring, IP 40	No. 855 0000 100
Holder, IP 54	No. 851 0000 100
Cap, with Ring, IP 54	No. 856 0000 100

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
VDE Report
SEMKO
UL Recognized
CSA
SEV

Mounting
12.7mm diameter D-hole or 13mm round hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable only, 4mm x 0.5mm (850)
Solderable or 2.8mm quick connect - fits 0.5mm tab (851)

Protection Class & Category
IP 40 (with Cap 855 acc. to IEC 60529)
IP 54 (with Cap 856 acc. to IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder:	Black Duroplastic UL 94V0
Cap:	Black Thermoplastic UL94V0
Sealing Ring:	Silicon (Cap 856)
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	10A
Rated Power :	3.2W (VDE/SEMKO)

Operating Temperature 4W (SEV)
-40°C to +85°C (consider de-rating)

Climatic Test
-40°C/+85°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 500Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 2 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
350°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 1.5mm^2

Marking
Part No., 250V, Approvals

Unit Weight
4.1g (850) / 1.8g (855)
4.2g (851) / 1.9g (856)

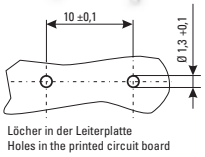
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

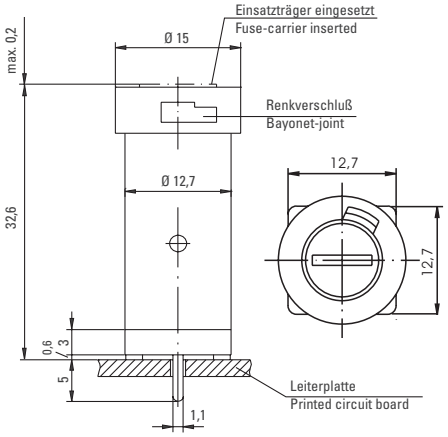
Specifications are subject to change without notice

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 834

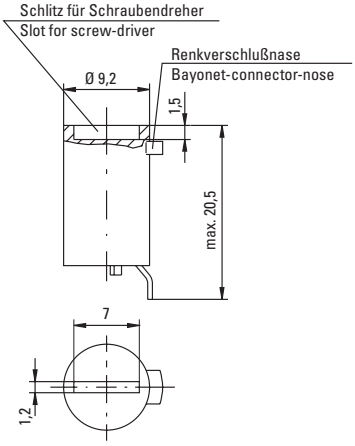
PCB mount, vertical for 5x20 mm Fuses





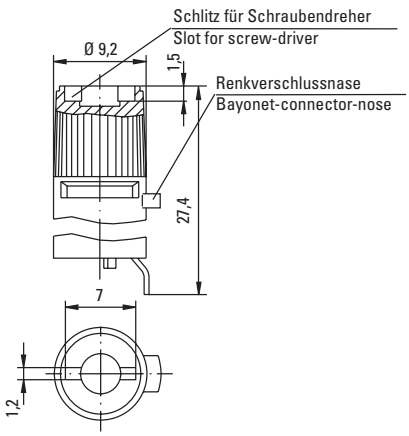
Cap / No. 835

Flush Mount Type



Cap/ No. 837

Finger Grip Type



Order Information

Qty.	Order Number	Series			Packaging
			0000	00	0

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Packaging
0 Karton (100 pcs.)

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals

Mounting
(2) Solder pins 0.5mm x 1.1mm

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (40°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO)
	16A (UL/CSA)
Rated Power:	2.5W (834+835 - VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV with 1,2µs/50µs

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 2 sec. (Soldering bath) (IEC 60068-2-20)
350°C, 3 sec. (Soldering Iron) (IEC 60068-2-20)

Soldering Heat Resistance
260°C, 5 sec. (Soldering bath) (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

Marking
834, 250V, Approvals

Unit Weight
3,5g (834) / 1,6g (835) / 2,2g (837)

WebLinks

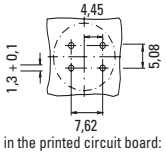
Weitere Informationen siehe:
www.wickmanngroup.com

Weitere Anwendungshinweise siehe Fuseology:
www.wickmanngroup.com/download/fuseologydt.pdf

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

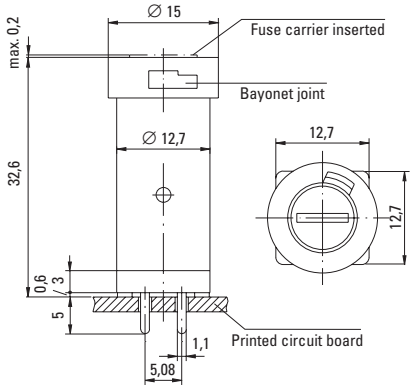
Holder / No. 831

Vertical / 4 - Pin



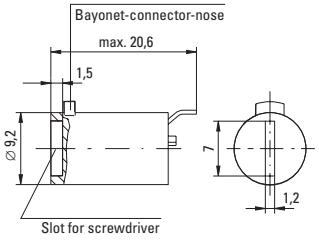
Holes in the printed circuit board: 1,3 + 0,1

PC Mount, Shocksafe 5x20mm Fuses



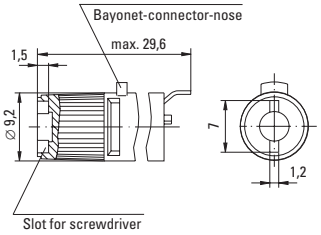
Cap / No. 835

Flush Mount Type



Cap / No. 837

Finger Grip Type



Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 831 0000 000
Cap, Flush Mount	No. 835 0000 000
Cap, Finger Grip	No. 837 0000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals (only 831/835)
VDE: License No. 123441
SEMKO: Certificate No. 9939091
UL Recognized: File No. E 70164
CSA Certified: File No. 47574

Mounting
(4) Solder pins 0.5mm x 1.1mm
The pins spaced at 5.08mm form a common connection.

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO) 16A (UL/CSA)
Rated Power:	2.5W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

Marking
831, 250V, Approvals

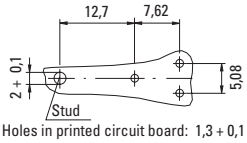
Unit Weight
4.1g (Holder) / 1.6g (835) / 2.2g (837)

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

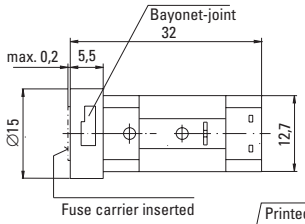
Holder / No. 830

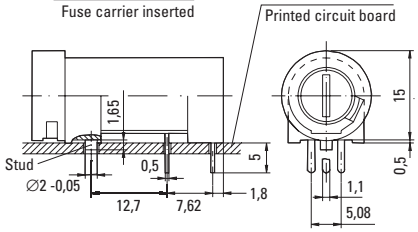
Horizontal / 3-Pin



Holes in printed circuit board: 1,3 + 0,1

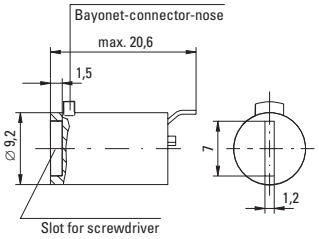
PC Mount, Shocksafe 5x20mm Fuses





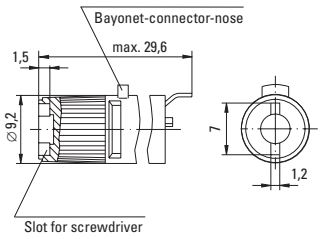
Cap / No. 835

Flush Mount Type



Cap / No. 837

Finger Grip Type



Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 830 0000 000
Cap, Flush Mount	No. 835 0000 000
Cap, Finger Grip	No. 837 0000 000

RoHS

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals (only 830/835)
VDE: License No. 120623
SEMKO: Certificate No. 9850022
UL Recognized: File No. E 70164
CSA Certified: File No. 47574

Mounting
(3) Solder pins 0.5mm x 1.1mm and plastic stud. The pins spaced at 5.08mm form a common connection.

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO) 16A (UL/CSA)
Rated Power:	1.6W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

Marking
830, 250V, Approvals

Unit Weight
4.4g (Holder) / 1.6g (835) / 2.2g (837)

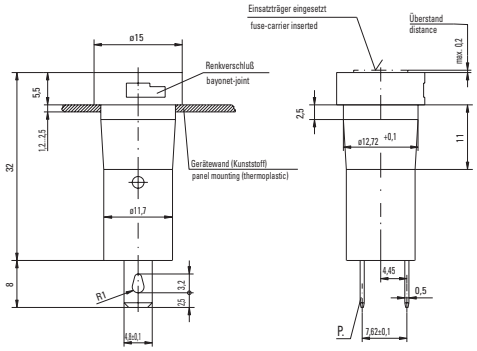
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 824

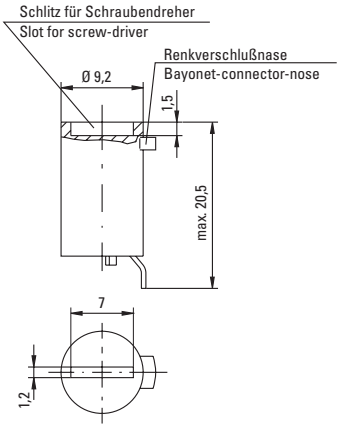
Panel mounting hole

Panel Mount for 5x20mm Fuses



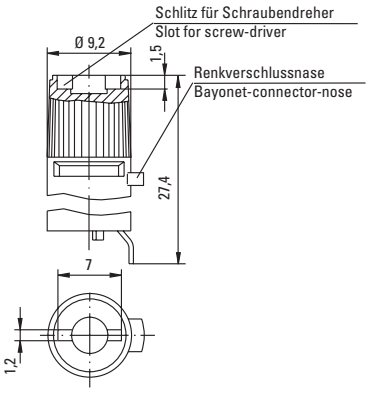
Cap / No. 835

Flush Mount Type



Cap / No. 837

Finger Grip Type



Specifications

Packaging
Bulk (100 pcs.)

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals

Mounting
Pluggable (panel thickness 1.2 mm-2.5 mm)

Terminals
Solderable or 4.8mm quick connect - fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials
Holder/Cap: Thermoplastic (Polyamide PA 6.6), UL 94V-0, black
Metal Parts: Copper alloy, corrosion protected
Terminals: solderable tinned

Electrical Data (23°C)
Rated Voltage: 250V
Rated Current: 6.3A (VDE/SEMKO)
16A (UL/CSA)
Rated Power : 4W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (soldering iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
824, 250V, Approvals

Unit Weight
3.3g (824) / 1.6g (835) / 2.2g (837)

RoHS

Order Information

Qty	Order-Number	Series			Packaging
			0000	00	0

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications are subject to change without notice

WICKMANN

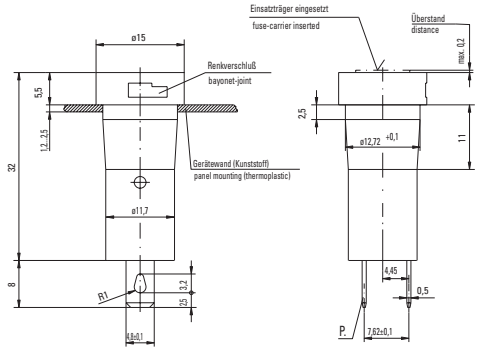
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

WebSite www.littelfuse.com

Holder / No. **824-20**

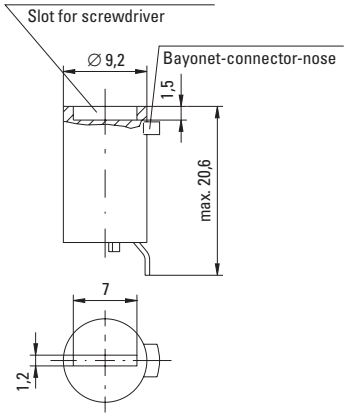
Panel Mount for 5x20mm Fuses

Panel mounting hole



Cap / No. **835-20**

Flush Mount Type



Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Mounting
Pluggable (panel thickness 1.2 mm-2.5 mm)

Terminals
Solderable or 4.8mm quick connect - fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials
Holder/Cap: Thermoplastic (Polyamide PA 6.6), UL94 V-0, black
Metal Parts: Copper alloy, corrosion protected
Terminals: solderable tinned

Electrical Data (23°C)
Rated Voltage: 250V
Rated Current: 6.3A (VDE/SEMKO)
16A (UL/CSA)
Rated Power : 4W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (soldering iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
824, 250V, Approvals

Unit Weight
3.3g (824) / 1.6g (835) / 2.2g (837)

Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 824 0000 020
Cap, Flush Mount	No. 835 0000 020

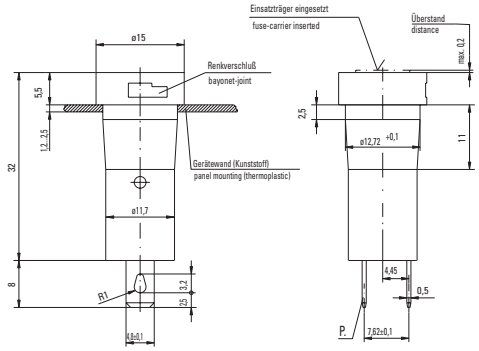
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. **824-20**

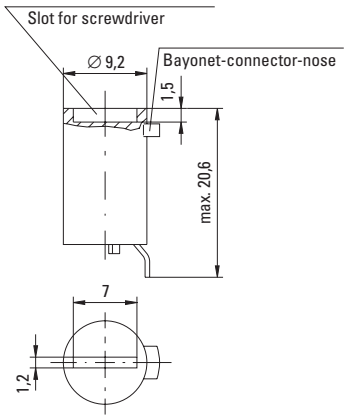
Panel Mount for 5x20mm Fuses

Panel mounting hole



Cap / No. **835-20**

Flush Mount Type



Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Mounting
Pluggable (panel thickness 1.2 mm-2.5 mm)

Terminals
Solderable or 4.8mm quick connect - fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials
Holder/Cap: Thermoplastic (Polyamide PA 6.6), UL94 V-0, black
Metal Parts: Copper alloy, corrosion protected
Terminals: solderable tinned

Electrical Data (23°C)
Rated Voltage: 250V
Rated Current: 6.3A (VDE/SEMKO)
16A (UL/CSA)
Rated Power : 4W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (soldering iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
824, 250V, Approvals

Unit Weight
3.3g (824) / 1.6g (835) / 2.2g (837)

Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 824 2000 000
Cap, Flush Mount	No. 835 2000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

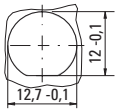
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

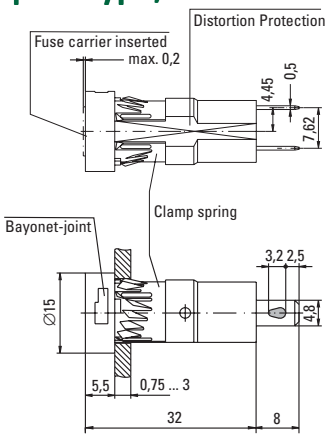
WebSite www.littelfuse.com

Holder / No. 823

Panel Mount, Shocksafe Snap-In Type, 5x20mm Fuses

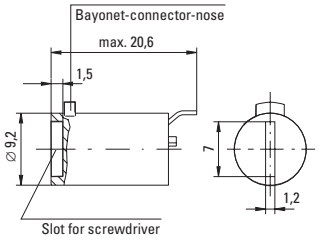


Panel opening



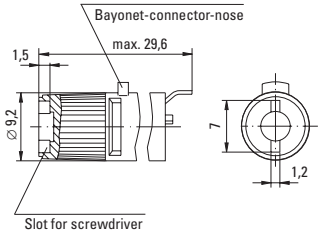
Cap / No. 835

Flush Mount Type



Cap / No. 837

Finger Grip Type



Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 823 0000 000
Cap, Flush Mount	No. 835 0000 000
Cap, Finger Grip	No. 837 0000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals (only 823/835)
VDE: License No. 122096
SEMKO: Certificate No. 9942055
UL Recognized: File No. E 70164
CSA Certified: File No. 47574

Mounting
Pluggable with clamping spring into 12.7mm diameter D-hole (panel thickness 0.75mm-3mm)

Terminals
Solderable or 4.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Clamp Spring:	Spring steel, non-treated
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO) 16A (UL/CSA)
Rated Power:	4W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
823, 250V, Approvals

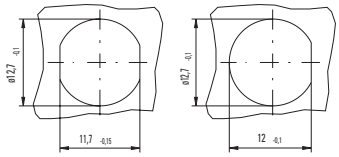
Unit Weight
3.8g (Holder) / 1.6g (835) / 2.2g (837)

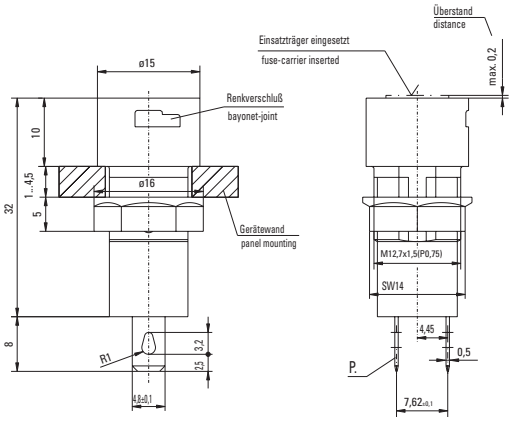
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

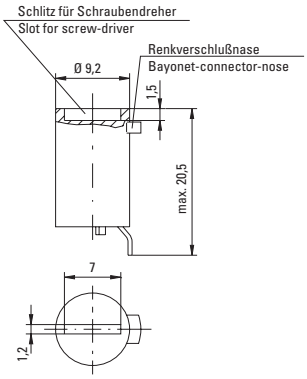
Holder / No. 821

Panel Mount , for 5x20mm Fuses



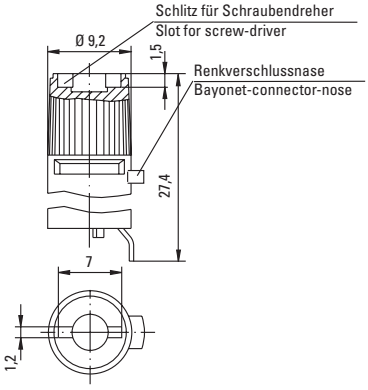


Cap / No. 835



Flush Mount Type

Cap / No. 837



Finger Grip Type

RoHS

Order Info

Qty.	Order Number	Series			Packaging
			0000	00	0

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Packaging
0 bulk (100 pcs.)

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals

Mounting
12.7mm diameter D-hole or double D-hole (panel 1mm - 4.5mm)
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 4.8mm quick connect - fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials
Holder/Cap: Thermoplastic
Polyamide PA 6.6, UL94 V-0, black
Metal Parts: Copper alloy, corrosion protected
Terminals: solderable, tinned

Electrical Data (23°C)
Rated Voltage: 250V
Rated Current: 6.3A (VDE/SEMKO)
16A (UL/CSA)
Rated Power : 4W (SEMKO)
2.5W (VDE)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV with 1,2µs/50µs

Insulation Resistance
> 10 MΩ (500VDC, 1 min.)

Solderability
235 °C, 2 sec. (soldering bath) (IEC 60068-2-20)
350 °C, 3 sec. (soldering iron) (IEC 60068-2-20)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
821, 250V, Approvals

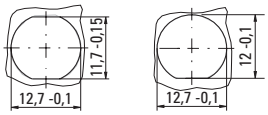
Unit Weight
4.0g (821) / 1.6g (835) / 2.2g (837)

Specifications are subject to change without notice

WICKMANN

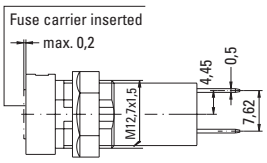
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

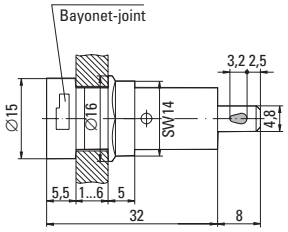
Holder / No. 820



Panel alternatives

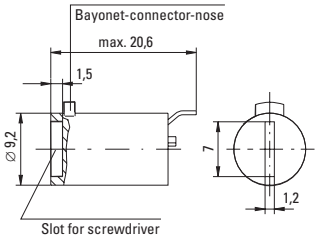
Panel Mount, Shocksafe 5x20mm Fuses





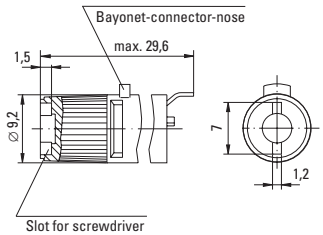
Cap / No. 835

Flush Mount Type



Cap / No. 837

Finger Grip Type



Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 820 0000 000
Cap, Flush Mount	No. 835 0000 000
Cap, Finger Grip	No. 837 0000 000

Specifications are subject to change without notice

RoHS

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals (only 820/835)
VDE: License No. 132225
SEMKO: Certificate No. 9942054
UL Recognized: File No. E 70164
CSA Certified: File No. 47574

Mounting
12.7mm diameter D-hole or double D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 4.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL 94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO) 16A (UL/CSA)
Rated Power:	4W (SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm2

Marking
820, 250V, Approvals

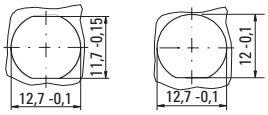
Unit Weight
4.0g (Holder) / 1.6g (835) / 2.2g (837)

WICKMANN

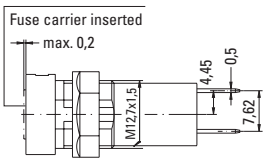
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

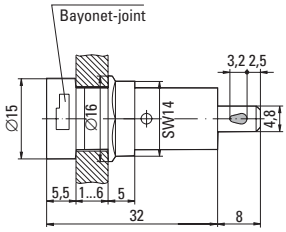
Holder / No. 820-20

Panel Mount, Shocksafe 5x20mm Fuses



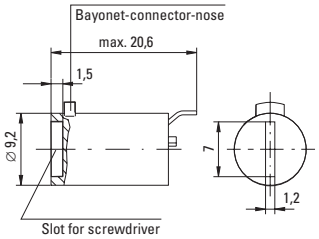
Panel alternatives





Cap / No. 835-20

Flush Mount Type



Specifications

Packaging
0 bulk (100 pcs.)

Standard
IEC 60127-6
UL 512

Approvals (only 820/835)

Mounting
12.7mm diameter D-hole or double D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 4.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	White Thermoplastic PBT, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned
Nut:	Thermoplastics, Polyamid PA 6.6, black, UL94 V-0

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO) 16A (UL)
Rated Power:	2.5W (SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV with 1,2µs/50µs

Insulation Resistance
> 10 MΩ (500 VDC, 1 min.)

Solderability
235 °C, 2 sec. (soldering bath) (IEC 60068-2-20)
350 °C, 3 sec. (soldering iron) (IEC 60068-2-20)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm²

Marking
820, 250V, Approvals

Unit Weight
4.0g (820) / 1.6g (835)

RoHS

Order Info

Qty.	Order Number	Series			Packaging
			0000	02	0

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

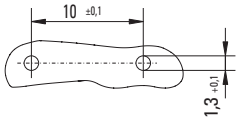
Specifications are subject to change without notice

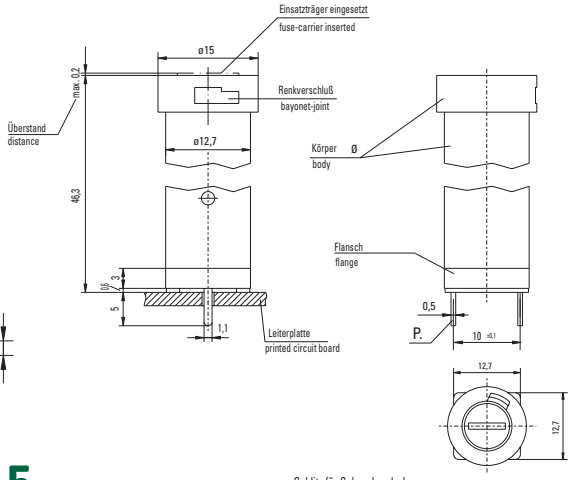
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. **814**

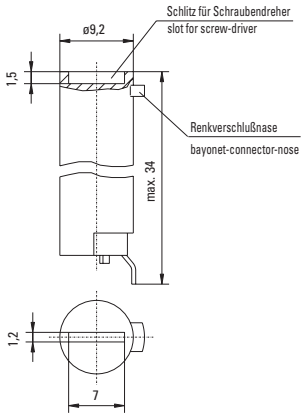
PC Mount, vertical
Universal for 5x20mm / 6.3x32mm Fuses





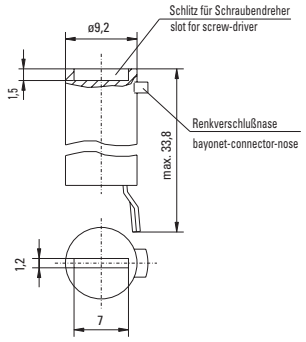
Cap / No. **815**

For 5x20mm Fuses



Cap / No. **816**

For 6.3x32mm Fuses



Order Information

Qty.	Order-Number	Series			Packaging
			0000	*00*	*0*

Specifications are subject to change without notice

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Packaging
Bulk (100 pcs.)

Standard
IEC 60127-6
CSA C22.2. No.39
UL 512

Approvals

Mounting
(2) Solder pins 0.5mm x 1.1mm

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Thermoplastic (Polyamide PA 6.6), UL 94 V-O, black
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO)
	16A (UL/CSA)
Rated Power :	2.5W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

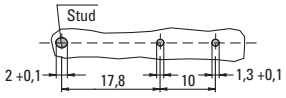
Marking
814, 250V, Approvals

Unit Weight
4.6g (814) / 2.5g (815/816)

Holder / No. 813

Not for new designs - refer to No. 862

Horizontal / 2-Pin



Holes in the printed circuit board: 1,3 +0,1

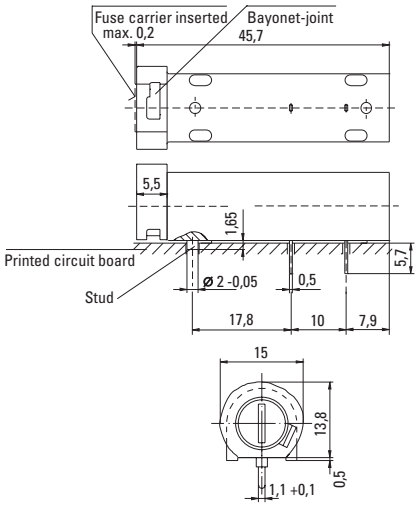
Cap / No. 815

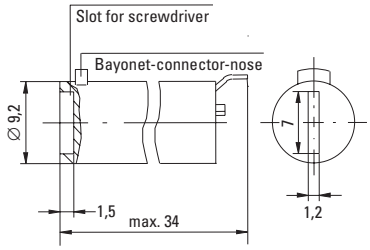
For 5x20mm Fuses

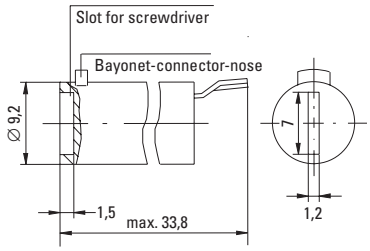
Cap / No. 816

For 6.3x32mm Fuses

PC Mount, Shocksafe
5x20mm / 6.3x32mm Fuses







Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 813 0000 000
Cap, 5x20mm	No. 815 0000 000
Cap, 6.3x32mm	No. 816 0000 000

RoHS

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals

Mounting
(2) Solder pins 0.5mm x 1.1mm and plastic stud

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO) 16A (UL/CSA)
Rated Power:	1.6W (813+815 - VDE/SEMKO) 2.5W (813+816 - VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

Marking
813, 250V, Approvals

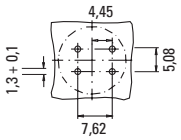
Unit Weight
5.8g (Holder) / 2.5g (Cap)

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 811
shock-safe



Vertical 4-Pin

Holes in the printed circuit board: 1,3 +0,1

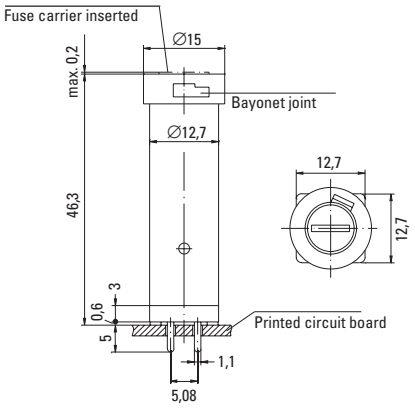
Cap / No. 815

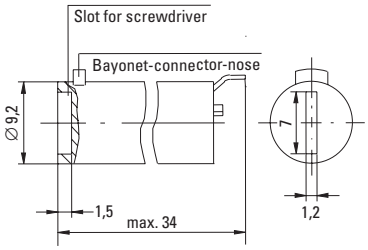
For 5x20mm Fuses

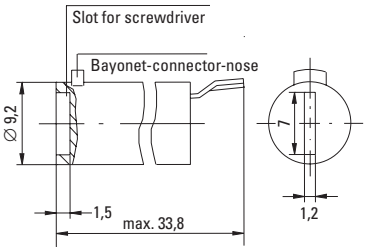
Cap / No. 816

For 6.3x32mm Fuses

PC Mount, Shocksafe
5x20mm / 6.3x32mm Fuses







Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 811 0000 000
Cap, 5x20mm	No. 815 0000 000
Cap, 6.3x32mm	No. 816 0000 000

RoHS

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
VDE: License No. 120642
SEMKO: Certificate No. 9916001
UL Recognized: File No. E 70164
CSA Certified: File No. 47574

Mounting
(4) Solder pins 0.5mm x 1.1mm
The pins spaced at 5.08mm form a common connection.

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO) 16A (UL/CSA)
Rated Power:	2.5W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

Marking
811, 250V, Approvals

Unit Weight
5.2g (Holder) / 2.5g (Cap)

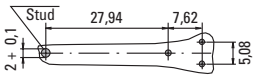
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. **810**

shock-safe

Horizontal / 3-Pin



Holes in the printed circuit board: 1,3 +0,1

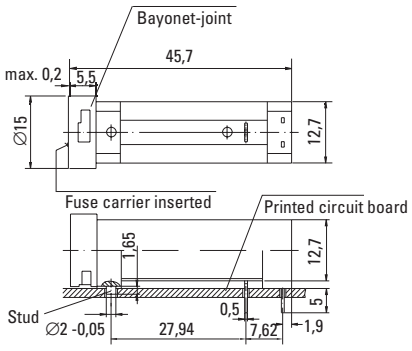
Cap / No. **815**

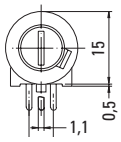
For 5x20mm Fuses

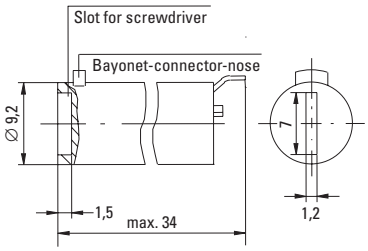
Cap / No. **816**

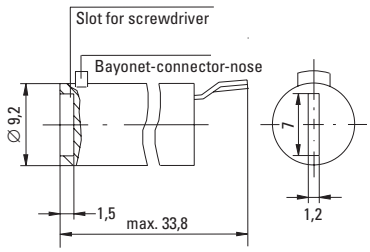
For 6.3x32mm Fuses

PC Mount, Shocksafe
5x20mm / 6.3x32mm Fuses









Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 810 0000 000
Cap, 5x20mm	No. 815 0000 000
Cap, 6.3x32mm	No. 816 0000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
VDE: License No. 118611
SEMKO: Certificate No. 9932039
UL Recognized: File No. E 70164
CSA Certified: File No. 47574

Mounting
(3) Solder pins 0.5mm x 1.1mm and plastic stud
The pins spaced at 5.08mm form a common connection.

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO)
	16A (UL/CSA)
Rated Power :	2.5W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

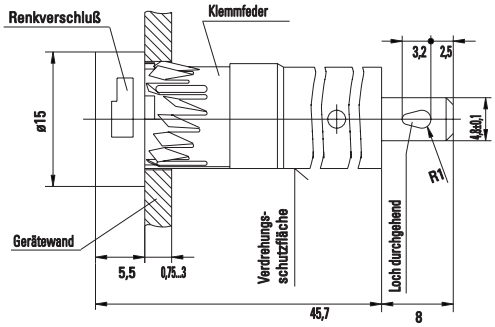
Marking
810, 250V, Approvals

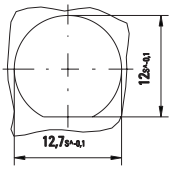
Unit Weight
5.4g (Holder) / 2.5g (Cap)

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

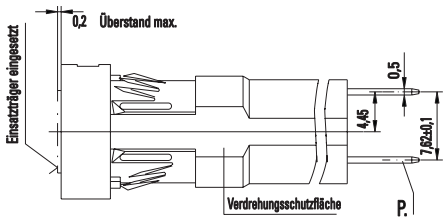
Holder / No. 803 01 for 500 Volts

Panel Mount for 6.3x32 mm Fuses

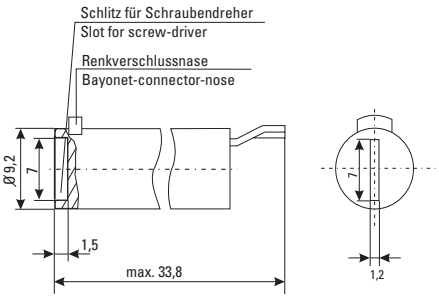




Panel Mounting Hole



Cap / No. 816 for 500 Volt



For 6.3x32 mm Fuses

RoHS

Order Information

Qty.	Order-Number	Series			Packaging
			0000	00	0

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Packaging
0 bulk (100 pcs.)

Standard
IEC 60127-6
UL 512
CSA C22.2

Approvals

Mounting
Pluggable with clamping spring in 12.7mm diameter D-hole (panel of 0.75mm - 3 mm)

Terminals
Solderable or 4.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder / Cap:	Thermoplastic (Polyamide PA 6.6), black, UL94 V-0
Clamp spring:	non-corrosion metal, untreated
Metal Parts:	Copper alloy, corrosion protected
Terminals:	solderable tinned

Electrical Data (23°C)

Rated Voltage:	500 V
Rated Current:	10 A (VDE/SEMKO)
	16 A (UL/CSA)
Rated Power :	4 W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25 °C/+70 °C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 2 kV

Impulse Voltage
4 kV with 1.2 / 50 µs

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 2 sec. (soldering bath) (IEC 60068-2-20)
350 °C, 3 sek. (soldering iron) (IEC 60068-2-20)

Soldering Heat Resistance
260°C, 5 sec. (soldering bath) (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
803, 500 V, Approvals

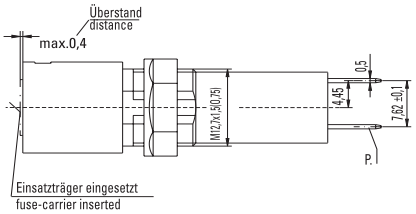
Unit Weight
4.9 g (803) / 2.0 g (816)

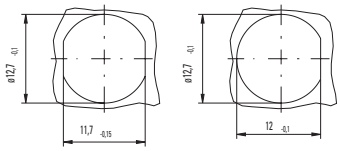
Specifications are subject to change without notice

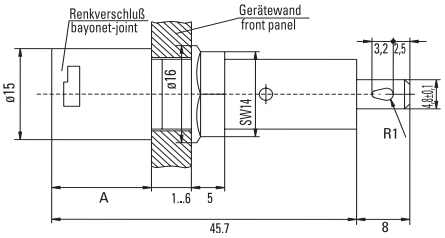
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 801/802 Panel Mount for 5x20 mm und 6.3x32 mm Fuses



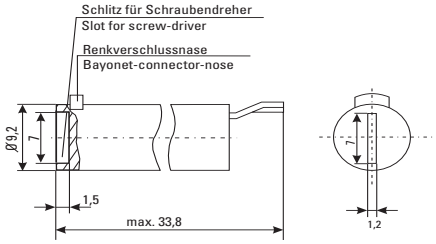




801 A=10mm
802 A=15mm

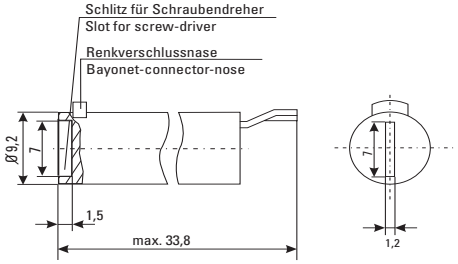
Cap / Nr. 815

For 5x20mm Fuses



Cap / Nr. 816

For 6.3x32mm Fuses



RoHS

Order Information

Qty.	Order-Number	Series			Packaging
			0000	00	0

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Packaging
Bulk (100 St.)

Standard
IEC 60127-6
UL 512
CSA C22.2 No. 39

Approvals

Mounting
12.7mm diameter D-hole or double D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 4.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder / Cap:	Thermoplastic (Polyamide PA 6.6), black, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	solderable tinned

Electrical Data (23°C)

Rated Voltage:	250 V
Rated Current:	6.3 A (VDE/SEMKO) with cap 815 10 A (VDE/SEMKO) with cap 816
Rated Power :	2.5 W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25 °Y / +70 °C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
>1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 2 sec. (Wave)
350°C, 1 sec. (manually)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
Series, 250V, Approvals

Unit Weight
5.0g (801/802) / 2.5g (815/816)

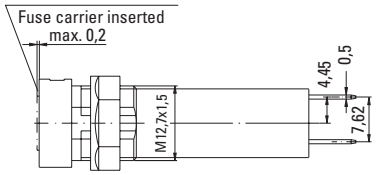
WICKMANN

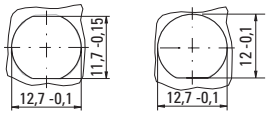
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

WebSite www.littelfuse.com

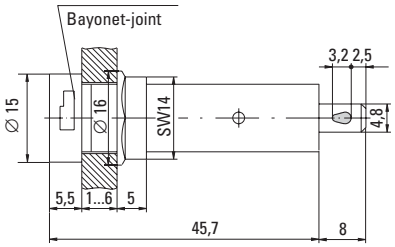
Holder / No. 800

Panel Mount, Shocksafe 5x20mm / 6.3x32mm Fuses



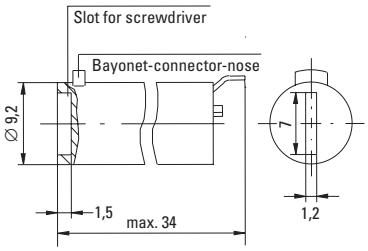


Panel alternatives



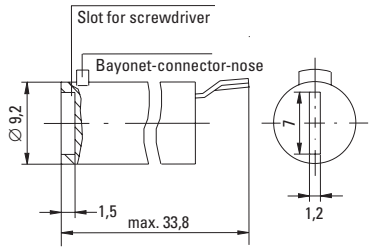
Cap / No. 815

For 5x20mm Fuses



Cap / No. 816

For 6.3x32mm Fuses



Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 800 0000 000
Cap, 5x20mm	No. 815 0000 000
Cap, 6.3x32mm	No. 816 0000 000

RoHS

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
VDE: License No. 122016
SEMKO: Certificate No. 9850284
UL Recognized: File No. E 70164
CSA Certified: File No. 47574

Mounting
12.7mm diameter D-hole or double D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 4.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (800+815 - VDE/SEMKO) 10A (800+816 - VDE/SEMKO) 16A (UL/CSA)
Rated Power:	2.5W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
800, 250V, Approvals

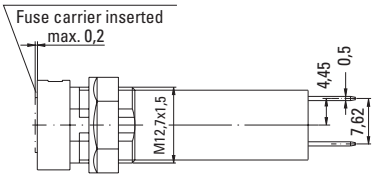
Unit Weight
4.7g (Holder) / 2.5g (Cap)

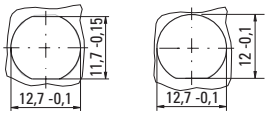
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

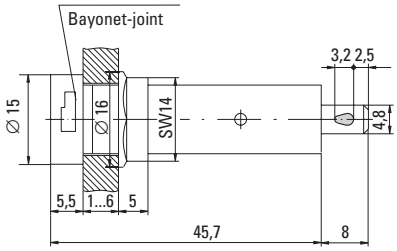
Holder / No. 800 01

Panel Mount, Shocksafe 6.3x32mm Fuses



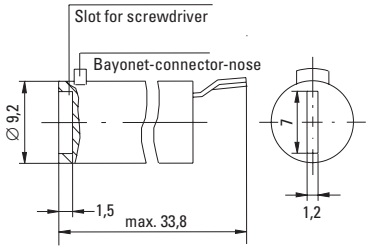


Panel alternatives



Cap / No. 816

For 6.3x32mm Fuses



RoHS

Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 800 0000 010
Cap, 6.3x32mm	No. 816 0000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512

Approvals
VDE: License No. 123336
SEMKO: Certificate No. 9850284
UL Recognized: File No. E 70164

Mounting
12.7mm diameter D-hole or double D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 4.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	500V
Rated Current:	10A (800+816 - VDE/SEMKO) 16A (UL/CSA)
Rated Power :	2.5W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Manual)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
800 01, 500V, Approvals

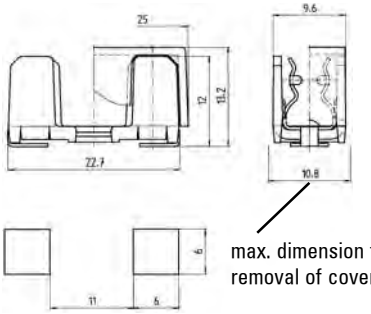
Unit Weight
4.7g (Holder) / 2.5g (Cap)

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

WebSite www.littelfuse.com

Holder 658



max. dimension for removal of cover

solder pads

Surface Mount, 5x20mm Fuses

Standard
IEC 60127-6
CSA C22.2-39, UL 512

Approvals

SEV	(10A/250V)
VDE ÜG	(10A/250V)
SEMKO	(10A/250V)
UL	(10A/250V)
CSA	(10A/250V)

Features

Low profile fuse block with insulation walls holder also available fitted with a fuse on request

Specifications

Packaging / Order Numbers

Holder 658 (bulk 100 pcs.)	No. 658 0000 100
Holder 658 (tape&reel, 400 pcs.)	No. 658 0000 110
Cover 659	No. 659 0000 000
Cover 660	No. 660 0000 100

Mounting
Surface mounting; suitable for reflow and vapour-phase soldering

Materials

Holder:	Black Thermoplastic UL 94 V-0
Metal Parts:	Copper alloy, tin plated

Electrical Data

Rated Voltage:	250V
Rated Current:	10A

Rated power acceptance at ambient air temperature 23°C

without cover:	4W
with reflow-cover:	4W
with transparent cover:	2.5W

Operating Temperature
-40°C to +85°C (consider de-rating)

Climatic Category
GPF according to DIN 40040

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
Frequency range 10-500 Hz, crossover frequency 60 Hz
< 60 Hz constant amplitude of 0.75mm
> 60 Hz constant acceleration of 10g

Contact Resistance
5mΩ

Dielectric Strength
> 3kV, 50 Hz, 1 min.

Impulse withstand Voltage
U1.2/50: > 12 kV between live parts of different potentials

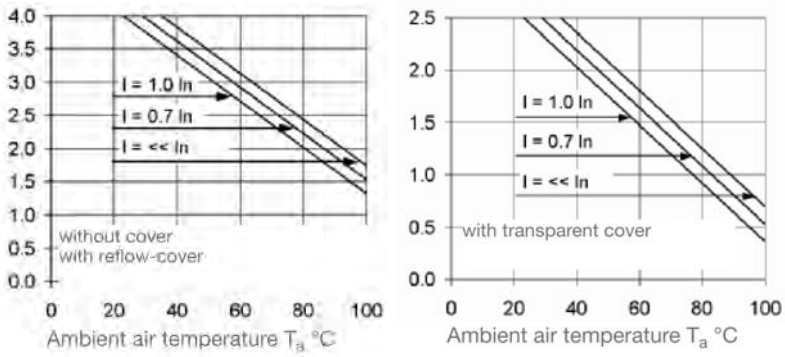
Insulation Resistance
(500 V DC/1 min): >10 MΩ

Solderability
235°C/2s, acc. to IEC 60068-2-58, test Td

Soldering Heat Resistance
260°C/10s, acc to IEC60068-2-20 test Tb

Minimum Cross Section
Conducting path - 0.2mm²

Derating curves



Admissible power acceptance in Watt

Cover 660

suitable for IR-soldering process

Cover 659

transparent

Order Information

Qty.	Order-No.

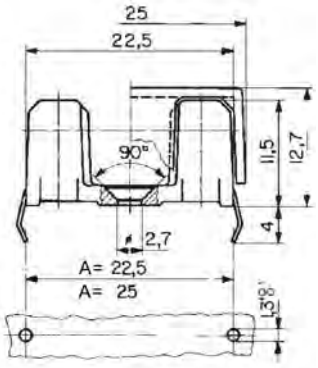
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

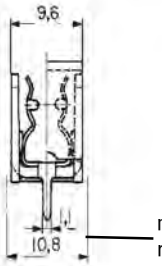
Specifications are subject to change without notice

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder 656





max. dimension for removal of cover

PC Mount, 5x20mm Fuses

Standard
IEC 60127-6
CSA C22.2-39, UL 512

Approvals

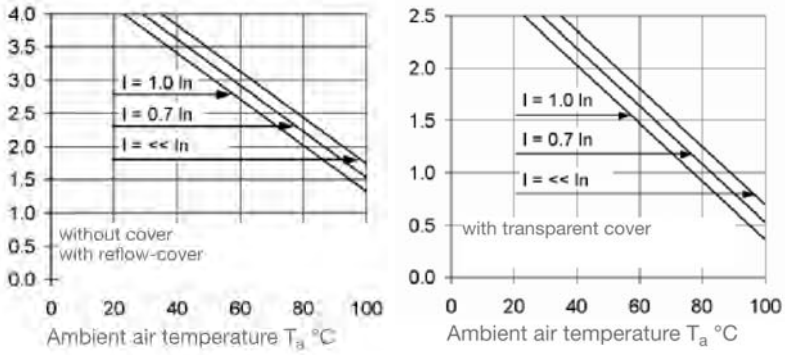
SEV	(10A/250V)
VDE ÜG	(10A/250V)
SEMKO	(10A/250V)
UL	(10A/250V)
CSA	(10A/250V)

RoHS

Features

Low profile fuse block with insulation walls
"Kicked" PCB-terminals, tin plated
Screw or rivet fastening
holder also available fitted with a fuse on request

Derating curves



Admissible power acceptance in Watt

Cover 660

suitable for IR-soldering process

RoHS

Cover 659

transparent

RoHS

Specifications

Packaging
Bulk (100 pcs.)

Order Numbers

Holder 656 A = 22.5mm	No. 656 0000 100
Holder 656 A = 25.0mm	No. 656 0000 140
Cover 659	No. 659 0000 000
Cover 660	No. 660 0000 100

Mounting
656: Solder pins 0.4mm x 1.1mm
Ø 2.7mm screw hole may be used optionally

Materials

Holder:	Black Thermoplastic UL 94 V-0
Metal Parts:	Copper alloy, tin plated

Electrical Data

Rated Voltage:	250V
Rated Current:	10A

Rated power acceptance at ambient air temperature 23°C

without cover:	4W
with reflow-cover:	4W
with transparent cover:	2.5W

Operating Temperature
-40°C to +85°C (consider de-rating)

Climatic Category
GPF according to DIN 40040

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
Frequency range 10-500 Hz, crossover frequency 60 Hz
< 60 Hz constant amplitude of 0.75mm
> 60 Hz constant acceleration of 10g

Contact Resistance
5mΩ

Dielectric Strength
> 3kV, 50 Hz, 1 min.

Impulse withstand Voltage
Ü1.2/50: > 12 kV between live parts of different potentials

Insulation Resistance
(500 V DC/1 min): >10 MΩ between live parts of different potentials

Solderability
235°C/2s, acc. to IEC 60068-2-20, test Ta, method 1

Soldering Heat Resistance
350°C/5s, acc to IEC60068-2-20 test Tb, method 1B

Minimum Cross Section
Conducting path - 0.2mm²

Torque/fixing screw
max. 0.3 Nm

Order Information

Qty.	Order-No.

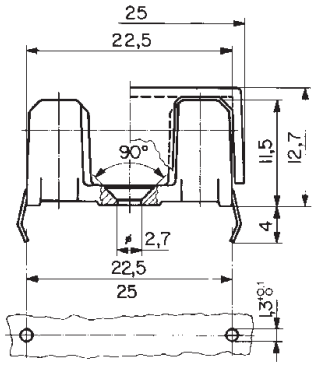
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

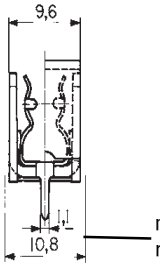
Specifications are subject to change without notice

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder 656





max. dimension for removal of cover

PC Mount, 5x20mm Fuses

Standard
IEC 60127-6
CSA C22.2-39, UL 512

Approvals

SEV	(10A/250V)
VDE ÜG	(10A/250V)
SEMKO	(10A/250V)
UL	(10A/250V)
CSA	(10A/250V)

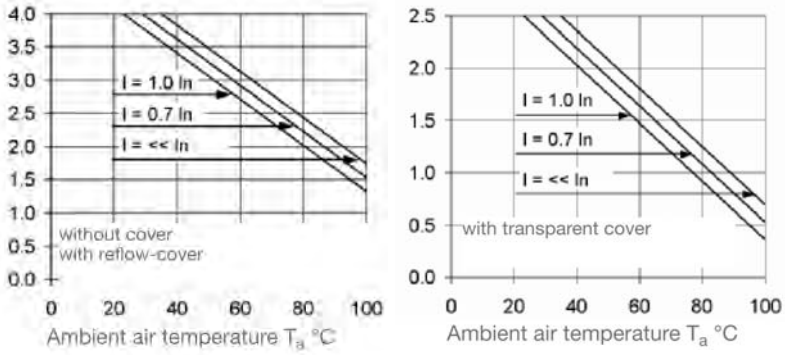
RoHS

Pb

Features

Low profile fuse block with insulation walls
"Kicked" PCB-terminals, tin plated
Screw or rivet fastening
holder also available fitted with a fuse on request

Derating curves



Admissible power acceptance in Watt

Cover 660

suitable for IR-soldering process

RoHS

Cover 659

transparent

RoHS

Order Information

Qty.	Order-No.

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Packaging
Bulk (100 pcs.)

Order Numbers

Holder 656 A = 22.5mm	No. 656 0000 100
Holder 656 A = 25.0mm	No. 656 0000 140
Cover 659	No. 659 0000 000
Cover 660	No. 660 0000 100

Mounting
656: Solder pins 0.4mm x 1.1mm
Ø 2.7mm screw hole may be used optionally

Materials

Holder:	Black Thermoplastic UL 94 V-0
Metal Parts:	Copper alloy, tin plated

Electrical Data

Rated Voltage:	250V
Rated Current:	10A

Rated power acceptance at ambient air temperature 23°C

without cover:	4W
with reflow-cover:	4W
with transparent cover:	2.5W

Operating Temperature
-40°C to +85°C (consider de-rating)

Climatic Category
GPF according to DIN 40040

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
Frequency range 10-500 Hz, crossover frequency 60 Hz
< 60 Hz constant amplitude of 0.75mm
> 60 Hz constant acceleration of 10g

Contact Resistance
5mΩ

Dielectric Strength
> 3kV, 50 Hz, 1 min.

Impulse withstand Voltage
Û1.2/50: > 12 kV between live parts of different potentials

Insulation Resistance
(500 V DC/1 min): >10 MΩ between live parts of different potentials

Solderability
235°C/2s, acc. to IEC 60068-2-20, test Ta, method 1

Soldering Heat Resistance
350°C/5s, acc to IEC60068-2-20 test Tb, method 1B

Minimum Cross Section
Conducting path - 0.2mm²

Torque/fixing screw
max. 0.3 Nm

Specifications are subject to change without notice

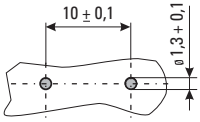
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 652

Not for new designs - refer to No. 852 and 853

Vertical / 2-Pin



Holes in the printed circuit board: 1,3 + 0,1

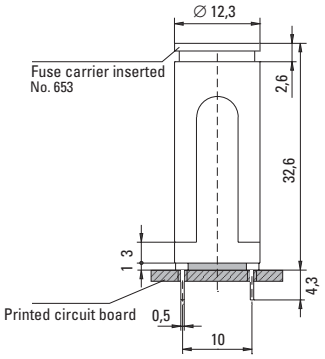
Cap / No. 653

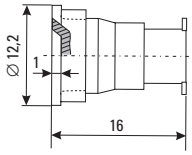
Flush Mount Type
Design 07: without silicon washer (IP 40)
Design 04: with silicon washer (IP 54)
between holder and cap

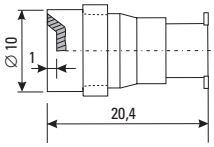
Cap / No. 655

Finger Grip Type
Design 07: without silicon washer (IP 40)
Design 04: with silicon washer (IP 54)
between holder and cap

PC Mount, Shocksafe 5x20mm Fuses







RoHS

Order Information

Packaging
Bulk (100 pcs.)

Order Numbers

Holder	No. 652 0000 040
Cap, Flush Mount, IP 40	No. 653 0000 070
Cap, Flush Mount, IP 54	No. 653 0000 040
Cap, Finger Grip, IP 40	No. 655 0000 070
Cap, Finger Grip, IP 54	No. 655 0000 040

Specifications are subject to change without notice

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
VDE: License No. 92599
SEMKO: Certificate Nos. 9533178/9635055
UL Recognized: File No. E 70164
CSA Certified: File No. 47574

Mounting
(2) Solder pins 0.5mm x 1.1mm

Protection Class & Category
IP 40 (with Cap 653 07 & 655 07 acc. to IEC 60529)
IP 54 (with Cap 653 04 & 655 04 acc. to IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap:	Black Thermoplastic Polyamide PA 6.6, UL94 V-0
Sealing Washer:	Silicon (Cap 653 04 & 655 04)
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (VDE/SEMKO) 16A (UL/CSA)
Rated Power:	2.5W (VDE/SEMKO)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Contact Resistance
≤ 5mΩ

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conducting path - 0.2mm^2

Marking
652, 250V, Approvals

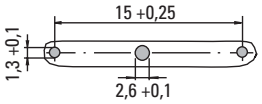
Unit Weight
3.8g (Holder) / 2.0g (653) / 2.4g (655)

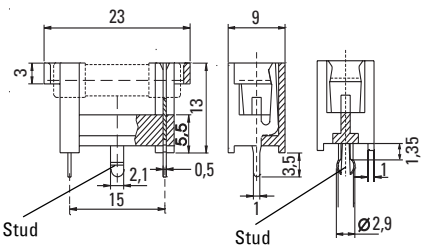
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 649

PC Mount, 5x20mm Fuses, leadfree





PCB-Thickness: 1.6mm ± 0.14mm

Specifications

Standard
IEC 60127-6
UL 512

Packaging
100: Bulk (500 pcs.)
103: Bulk (4x3000 pcs.)

Approvals

Mounting
Solder pins 0.5 x 1.0mm and plastic stud

Materials
Holder: White Thermoplastic, UL94 V-0
Polybutylenterephthalat PBTP
Metal parts: Copper alloy
Solderable, tinned

Protection Class & Category
PC1 (IEC 60127-6)

Electrical Data (23°C)
Rated Voltage: 250V
Max. Current/Power: 6.3A/1.6W

Minimum Cross Section
Conducting path - 0.2mm^2

Operating Temperature
-25°C to +70°C (consider de-rating)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days - 95%

Contact Resistance
≤ 5mΩ

Isolation Resistance
10^2MΩ

Solderability
235°C, 2 sec. (soldering bath; IEC 60068-2-20)

Soldering Heat Resistance
260°C, 10 sec. (soldering bath; IEC 60068-2-20)

Marking
Approvals

Unit Weight
1.2g

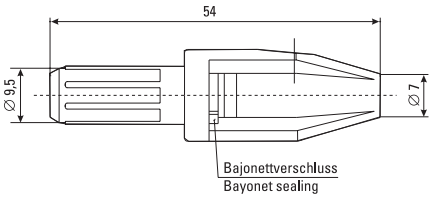
Order Info	Qty.	Order-Number	Series		Packaging
			649	*0000*	*100/103*

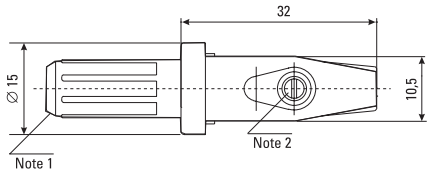
Specifications are subject to change without notice

Holder / No. 271.1101

formerly 510

In-Line Type, 5x20mm Fuses leadfree





Packaging
000: Bulk (100 pcs.)

Mounting
In-line, for use with customer-provided cables

Terminals
Crimp-type with ferrule (Note 1)
Screw-type (Note 2)

Materials
Holder: Black Thermoplastic
Metal Parts: Copper alloy,
corrosion-protected

Electrical Data (23°C)
Rated Voltage: 250V
Maximum Current: 6.3A

Minimum Cross Section
Conductor - 2.5mm^2

Unit Weight
6.0g

Order Info	Qty.	Order-Number	Series		Packaging
			271	*1101*	*000*

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications are subject to change without notice

WICKMANN

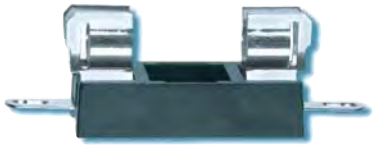
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

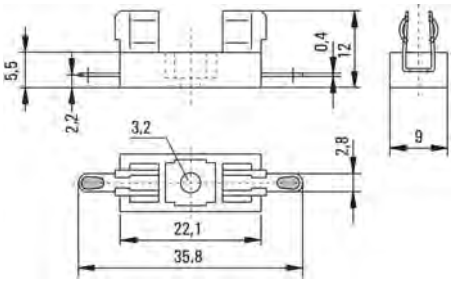
WebSite www.littelfuse.com

Holder / No. 647

RoHS

Cable Type, 5x20mm Fuses lead free





Specifications

Packaging
Bulk (1000 pcs.)

Mounting
∅3mm screw hole

Terminals
Solderable or 2.8mm quick connect - fits 0.5mm tabs

Materials

Holder:	Black Thermoplastic, UL94 V-0 Polyamide PA 6.6
Metal Parts:	Copper alloy, solderable, tinned

Electrical Data (23°C)

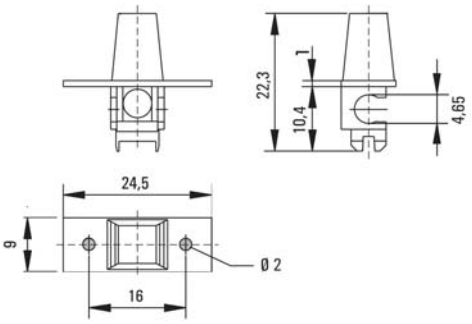
Rated Voltage:	250V
Max. current/power:	6.3A/2.5W 6.3A/1.6W (with No. 640)

Minimum Cross Section
Conducting path - 2.5mm²

Unit Weight
1.7g

Adapter / No. 640

RoHS



Contact WICKMANN for an auto-insertable fuse, holder and adapter assembly.

Mounting
Hand adapter can be optionally used with Holder No. 646 and 647

Materials

Adapter:	Polyester PBT, UL94 V-0

Unit Weight
1.0g

Packaging
Bulk (5000 pcs.)

Colours

Adapter black	100
Adapter brown	140
Adapter white	150
Adapter yellow	160
Adapter green	170
Adapter blue	190

Contact WICKMANN for an auto-insertable fuse, holder and adapter assembly.

Order Information

Qty.	Order Number	Series		Colour
		647	*0000*	

Specifications are subject to change without notice

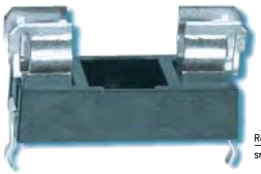
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

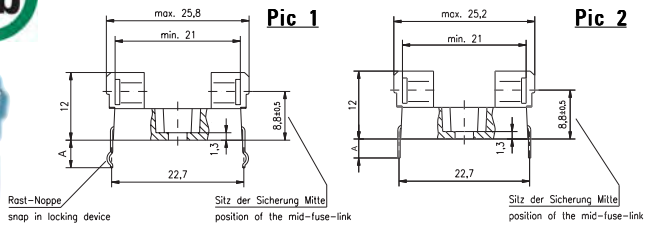
WICKMANN

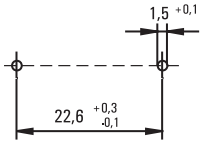
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

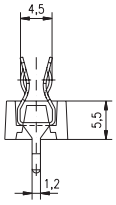
Holder / No. 646

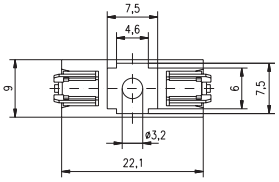
PC Mount, for 5x20mm Fuses, lead free











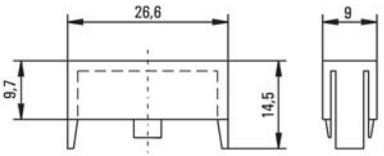
Order Information

Qty.	Order Number	Series		Type
		646	*0000*	

Type	Pic	Meas."A"	for PCB-Thickness
100	1	5mm	3mm
122	1	3.2mm	1.5mm
123	2	3.3mm	1.5mm

Cover / No. 648

Optional Cover

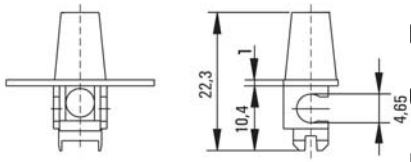


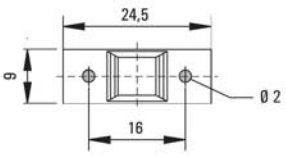
Order Information

Qty.	Order Number	Series		
		648	*0000*	*100*

Adapter / No. 640

Optional Adapter





Order Information

Qty.	Order Number	Series		Colour
		640	*0000*	

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Specifications

Mounting
Solder pins 0.5mm x 1.2mm
Ø 3mm screw hole may be used optionally

Materials
Holder: Black Thermoplastic, UL94 V-0 Polyamide PA 6.6
Metal Parts: Copper alloy, solderable, tinned

Electrical Data (23°C)
Rated Voltage: 250V
Max. current/power: 6.3A/2.5W
5A/1W (with No. 648)
6.3A/1.6W (with No. 640)

Minimum Cross Section
Conducting path - 0.2mm²

Unit Weight
1.6g

Packaging
Bulk (1000 pcs.)

Materials
Cover: Transparent Thermoplastic, UL94 V-0, Polycarbonate PC

Unit Weight
1.0g

Packaging
Bulk (2000 pcs.)

Mounting
Hand adapter can be optionally used with Holder No. 646 and 647

Materials
Adapter: Polyester PBT, UL94 V-0

Unit Weight
1.0g

Packaging
Bulk (5000 pcs.)

Colours

Adapter black	100
Adapter brown	140
Adapter white	150
Adapter yellow	160
Adapter green	170
Adapter blue	190

Contact Littelfuse for an auto-insertable fuse, holder and adapter assembly.

Specifications are subject to change without notice

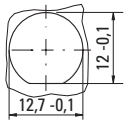
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

WebSite www.littelfuse.com

Holder / No. 601

Not for new designs - refer to No. 850 and 851



Panel opening

Cap / No. 602

Design 00: without silicon washer (IP 40)
Design 04: with silicon washer (IP 54)
(from front side only)

Insulating cover for terminals/ No. 522

Order Information

Packaging
Bulk (100 pcs.)

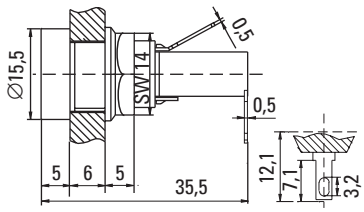
Order Numbers

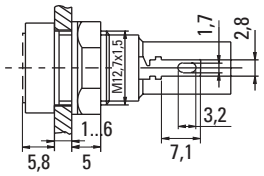
Holder	No. 601 0000 000
Cap, without washer, IP 40	No. 602 0000 000
Cap, with washer, IP 64	No. 602 0000 040

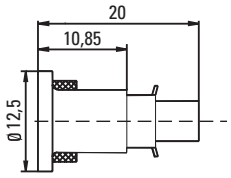
Specifications are subject to change without notice

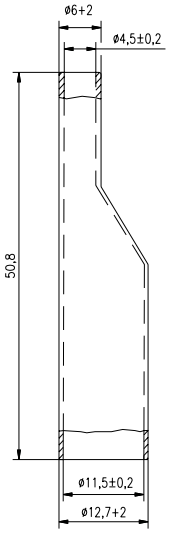
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Panel Mount, Shocksafe 5x20mm Fuses









Specifications

Standard
IEC 60127-6
UL 512
CSA C22.2. No.39

Approvals
SEMKO: Certificate No. 9946019
UL Recognized: File No. E 70164
CSA Certified: File No. 47574
VDE Licence No. 132224

Mounting
12.7mm diameter D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 2.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (with Cap 602 00 acc. to IEC 60529)
IP 54 (with Cap 602 04 acc. to IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder:	Black Duroplast Phenolplast PF, UL94 V-0
Cap:	Black Thermoplastic Polyamide PA6.6, UL94 V-0
Sealing Washer:	Novapress Multi (Cap 602 04)
Metal Parts:	Copper alloy, corrosion protected
Terminals:	Solderable, tinned
Insulating cover:	Polyvinyl chloride (Soft PVC), black

Electrical Data (23°C)

Rated Voltage:	250V
Rated Current:	6.3A (SEMKO/VDE) 16A (UL/CSA)
Rated Power :	4W (SEMKO/VDE)

Operating Temperature
-25°C to +70°C (consider de-rating)

Climatic Test
-25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance
24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Dielectric Strength
> 1.5 kV

Impulse Voltage
4 kV, 50 Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 VDC, 1 min.)

Solderability
235°C, 3 sec. (Wave)
350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section
Conductor - 2.5mm^2

Marking
601, 250V, Approvals

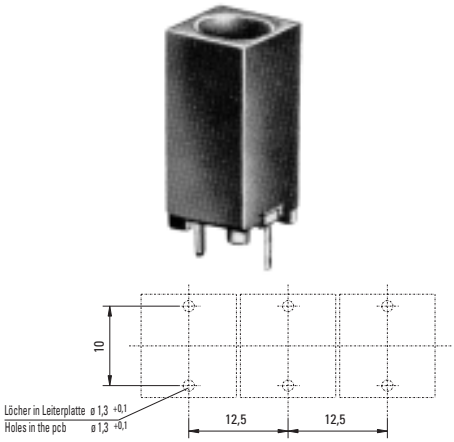
Unit Weight
4.0g (Holder) / 1.9g (Cap) / 2.9g (Insulating sleeve)

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

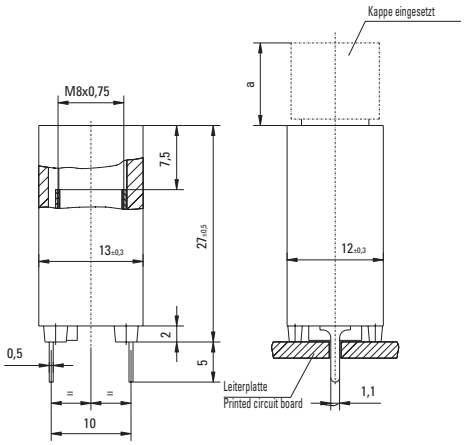
Holder / No. 598

Not for new designs;
please refer to holder no. 831/834



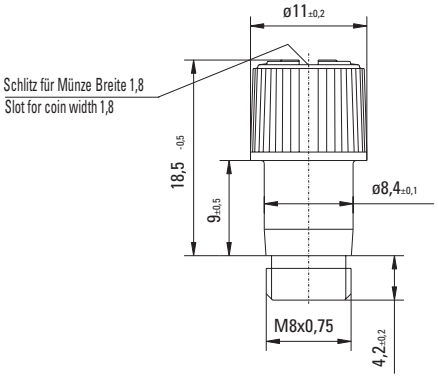
Holes in the Printed Circuit Board

PC Mount, for 5x20mm and 5x25mm Fuses



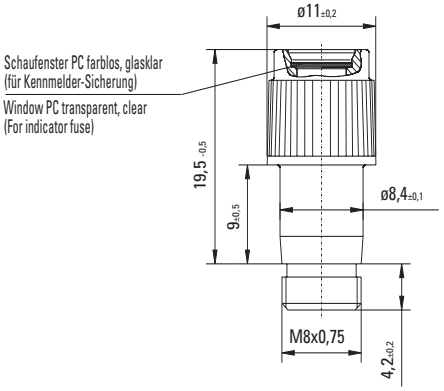
Cap / No. 585

for fuses 5 x 20 mm



Cap / No. 586

for fuses 5 x 25 mm



Specifications

Montage
(2) Solder pins0.5 x 1.1mm

Protection Class & Category
IP 40 (IEC 60529)

Materials

Holder:	Duroplastic (Phenolplast PF), black
Cap:	Thermoplastic (Polyamide PA 6.6), UL 94 V-0, black
Metal Parts:	Copper alloy, corrosion protected
Terminals:	solderable tinned

Electrical Data (23 °C)

Rated Voltage:	250 V
max. Current/Power:	6.3 A / 2.5 W

Operating Temperature
-25 °C to 70 °C (consider de-rating)

Stock Conditions
10 °C to 60 °C

Contact Resistance
≤ 5 mΩ

Dielectric Strength
3 kV, 50Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 V DC, 1 min.)

Solderability
235 °C, 3 sec. (Wave)
350 °C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260 °C, 5 sec.

Minimum Cross Section
Conduction Path - 0.2mm^2

Marking
598, 250 V

Unit weight
4,9 g (598) / 3,6 g (585) / 3,4 g (586)

Order Information

Packaging
Bulk (100 St.)

Order Numbers

Holder	No. 598 0000 000
Cap, 5 x 20 mm	No. 585 0000 000
Cap, 5 x 25 mm	No. 586 0000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

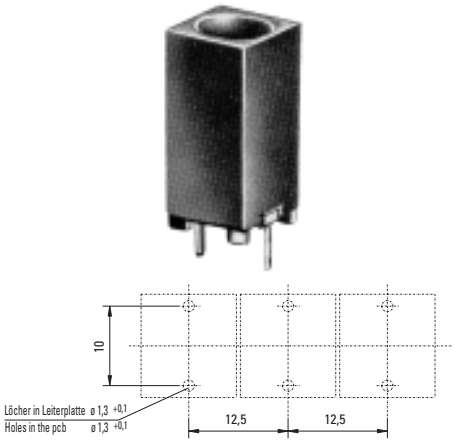
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

WebSite www.littelfuse.com

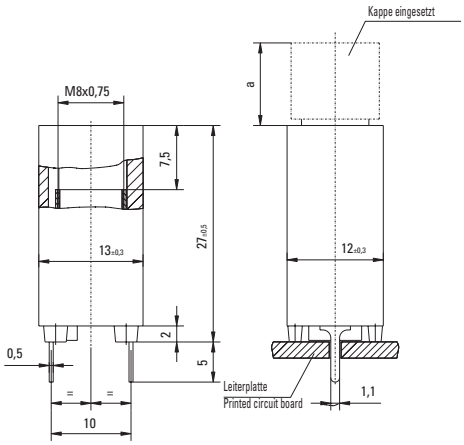
Holder / No. 598

Not for new designs;
please refer to holder no. 831/834



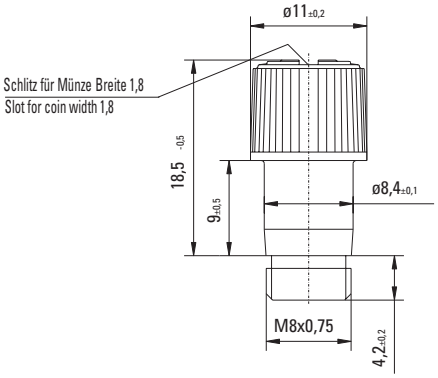
Holes in the Printed Circuit Board

PC Mount, for 5x20mm and 5x25mm Fuses



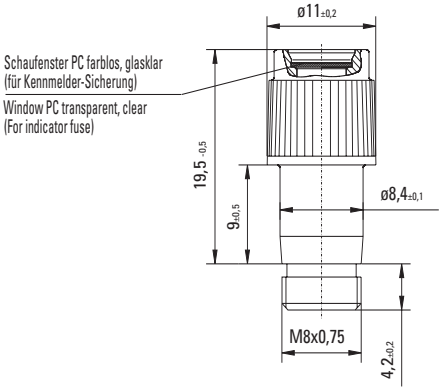
Cap / No. 585

for fuses 5 x 20 mm



Cap / No. 586

for fuses 5 x 25 mm



Specifications

Montage
(2) Solder pins0.5 x 1.1mm

Protection Class & Category
IP 40 (IEC 60529)

Materials

Holder:	Duroplastic (Phenolplast PF), black
Cap:	Thermoplastic (Polyamide PA 6.6), UL 94 V-0, black
Metal Parts:	Copper alloy, corrosion protected
Terminals:	solderable tinned

Electrical Data (23 °C)

Rated Voltage:	250 V
Rated Current:	6.3 A

Operating Temperature
-25 °C to 70 °C (consider de-rating)

Stock Conditions
10 °C to 60 °C

Contact Resistance
≤ 5 mΩ

Dielectric Strength
3 kV, 50Hz, 1 min., dry

Insulation Resistance
> 10^3 MΩ (500 V DC, 1 min.)

Solderability
235 °C, 3 sec. (Wave)
350 °C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260 °C, 5 sec.

Minimum Cross Section
Conduction Path - 0.2mm^2

Marking
598, 250 V

Unit weight
4,9 g (598) / 3,6 g (585) / 3,4 g (586)

Order Information

Packaging
Bulk (100 St.)

Order Numbers

Holder	No. 598 0000 000
Cap, 5 x 20 mm	No. 585 0000 000
Cap, 5 x 25 mm	No. 586 0000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

WICKMANN

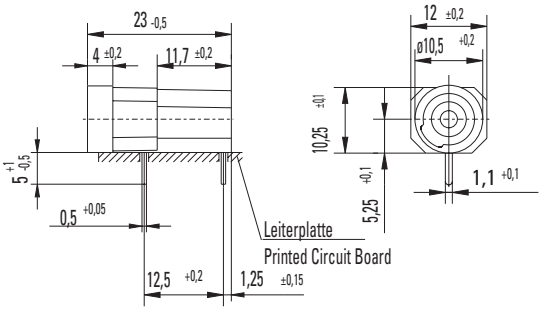
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

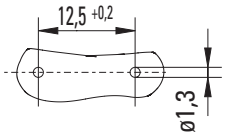
WebSite www.littelfuse.com

Holder / No. 596

Not for new designs;
please refer to holder no. 830

PC Mount, for 5x20mm Fuses

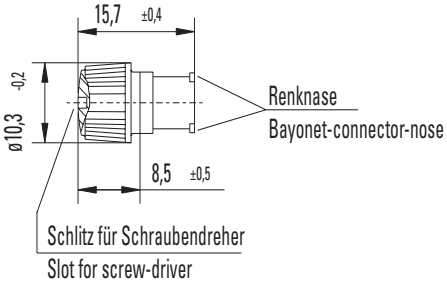




Holes in the Printed Circuit Board

Cap / No. 583

Flush Mount Type



Specifications

Montage
(2) Solder pins0.5 x 1.1mm

Protection Class & Category
IP 40 (IEC 60529)

Materials

Holder:	Duroplastic (Phenolplast PF), black
Cap:	Thermoplastic (Polyamide PA 6.6), UL 94 V-0, black
Metal Parts:	Copper alloy, corrosion protected
Terminals:	solderable tinned

Electrical Data (23 °C)
Rated Voltage: 250 V
max. Current/Power: 6.3 A / 2.0 W

Operating Temperature
-25 °C to 70 °C (consider de-rating)

Stock Conditions
10 °C to 60 °C

Contact Resistance
≤ 5 mΩ

Dielectric Strength
3 kV, 50Hz, 1 min., dry

Insulation Resistance
> 10 MΩ (500 V DC, 1 min.)

Solderability
235 °C, 3 sec. (Wave)
350 °C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260 °C, 5 sec.

Minimum Cross Section
Conduction Path - 0.2mm^2

Marking
596, 250 V

Unit weight
2,2 g (596) / 1,7 g (583)

Order Information

Packaging
Bulk (100 St.)

Order Numbers

Holder	No. 596 0000 000
Cap	No. 583 0000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

WICKMANN

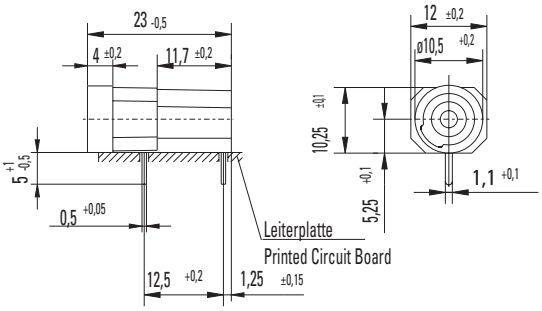
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

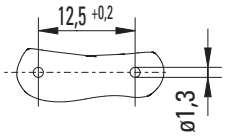
WebSite www.littelfuse.com

Holder / No. 596

Not for new designs;
please refer to holder no. 830

PC Mount, for 5x20mm Fuses

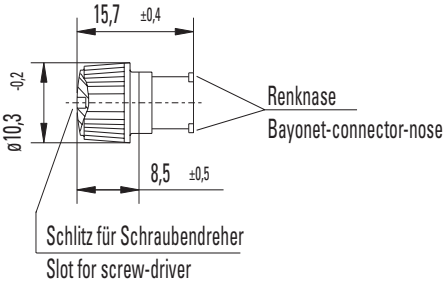




Holes in the Printed Circuit Board

Cap / No. 583

Flush Mount Type



Specifications

Montage
(2) Solder pins0.5 x 1.1mm

Protection Class & Category
IP 40 (IEC 60529)

Materials

Holder:	Duroplastic (Phenolplast PF), black
Cap:	Thermoplastic (Polyamide PA 6.6), UL 94 V-0, black
Metal Parts:	Copper alloy, corrosion protected
Terminals:	solderable tinned

Electrical Data (23 °C)

Rated Voltage:	250 V
Rated Current:	6.3 A

Operating Temperature
-25 °C to 70 °C (consider de-rating)

Stock Conditions
10 °C to 60 °C

Contact Resistance
≤ 5 mΩ

Dielectric Strength
3 kV, 50Hz, 1 min., dry

Insulation Resistance
> 10 MΩ (500 V DC, 1 min.)

Solderability
235 °C, 3 sec. (Wave)
350 °C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260 °C, 5 sec.

Minimum Cross Section
Conduction Path - 0.2mm^2

Marking
596, 250 V

Unit weight
2,2 g (596) / 1,7 g (583)

Order Information

Packaging
Bulk (100 St.)

Order Numbers

Holder	No. 596 0000 000
Cap	No. 583 0000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

WICKMANN

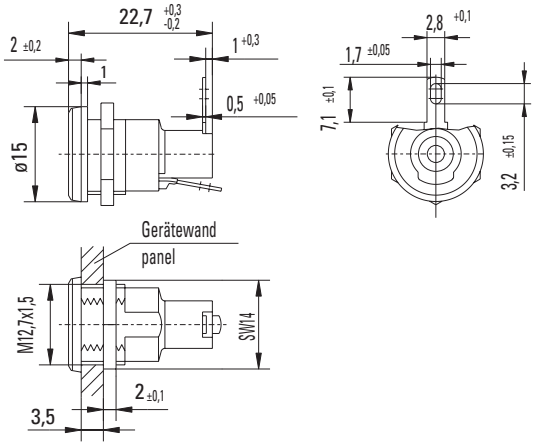
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

WebSite www.littelfuse.com

Holder / No. **595**

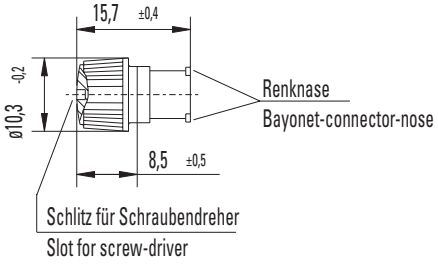
not for new developments;
please refer to holder no. 850

Panel Mount, for 5x20 mm Fuses



Holes in the Printed Circuit Board

Cap / No. **583**



Specifications

Montage
12.7mm diameter D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 2.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)

Materials

Holder:	Duroplastic (Phenolplast PF), black
Cap:	Thermoplastic (Polyamide PA 6.6), UL 94 V-0, black
Metal Parts:	Copper alloy, corrosion protected
Terminals:	solderable tinned

Electrical Data (23 °C)

Rated Voltage:	250 V
max. Current/Power:	6.3 A / 2.5 W

Operating Temperature
-25 °C to 70 °C (consider de-rating)

Stock Conditions
10 °C to 70 °C

Contact Resistance
≤ 5 mΩ

Dielectric Strength
3 kV, dry

Insulation Resistance
> 10^3 MΩ (500 V DC, 1 min.)

Solderability
235 °C, 3 sec. (Wave)
350 °C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260 °C, 5 sec. (IEC 60068.2-20)

Marking
595, 250 V

Unit weight
3,4 g (595) / 1,7 g (583)

Order Information

Packaging
Bulk (100 St.)

Order Numbers

Holder	No. 595 0000 000
Cap	No. 583 0000 000

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

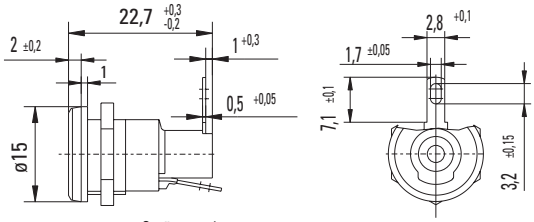
WICKMANN

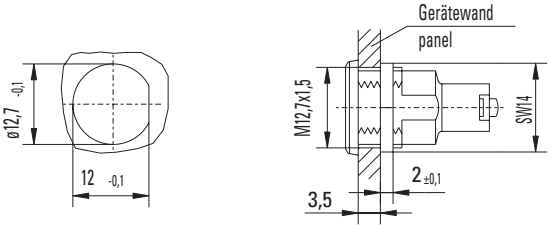
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 595

not for new developments;
please refer to holder no. 850

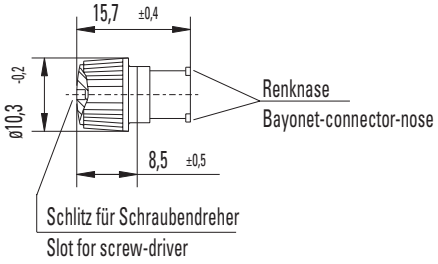
Panel Mount, for 5x20 mm Fuses





Holes in the Printed Circuit Board

Cap / No. 583



RoHS

Specifications

Montage
12.7mm diameter D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 2.8mm quick connect-fits 0.5mm tab

Protection Class & Category
IP 40 (IEC 60529)

Materials

Holder:	Duroplastic (Phenolplast PF), black
Cap:	Thermoplastic (Polyamide PA 6.6), UL 94 V-0, black
Metal Parts:	Copper alloy, corrosion protected
Terminals:	solderable tinned

Electrical Data (23 °C)

Rated Voltage:	250 V
Rated Current:	6.3 A

Operating Temperature
-25 °C to 70 °C (consider de-rating)

Stock Conditions
10 °C to 70 °C

Contact Resistance
≤ 5 mΩ

Dielectric Strength
3 kV, dry

Insulation Resistance
> 10^3 MΩ (500 V DC, 1 min.)

Solderability
235 °C, 3 sec. (Wave)
350 °C, 1 sec. (Soldering Iron)

Soldering Heat Resistance
260 °C, 5 sec. (IEC 60068.2-20)

Marking
595, 250 V

Unit weight
3,4 g (595) / 1,7 g (583)

Order Information

Packaging
Bulk (100 St.)

Order Numbers

Holder	No. 595 0000 000
Cap	No. 583 0000 000

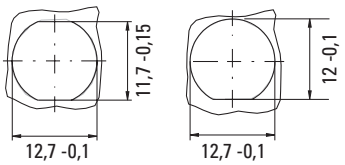
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

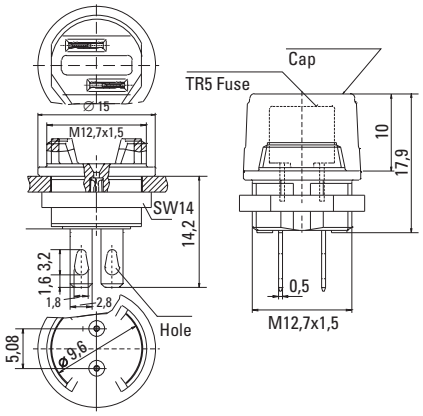
WebSite www.littelfuse.com

Holder / No. 570



Panel alternatives

Panel Mount, for TR5®/TE5® Fuses



with cap 575 IP40
(only on front side)

RoHS

Specifications

Packaging
000 bulk (100 pcs.)

Order Number
Holder No. 570 0000 000

Mounting
12.7mm diameter D-hole or double D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 2.8mm quick connect-fits 0.5mm tab

Materials
Holder: Black Thermoplastic, UL 94 V-0
Polyamide PA 6.6
Metal parts: Copper alloy
Solderable tinned

Electrical Data (23°C/without Cap)
Rated Voltage: 250V
Max. Current/Power: 6.3A/2.5W

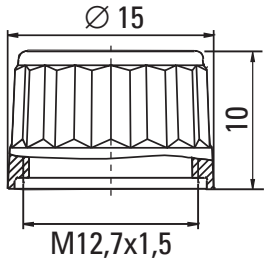
Minimum Cross Section
Conductor - 2.5mm^2

Unit Weight
2.2g

Order Information	Qty.	Order-Number	Series		Packaging
			570	0000	000

Specifications are subject to change without notice

Cap / No. 575



RoHS

Packaging
000 bulk (100 pcs.)

Order Number
Cap No. 575 0000 000

Plastic Cap
Use with No. 570 or No. 571

Materials
Cap: Transparent Thermoplastic
Polycarbonat PC, UL94 V-0

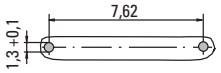
Unit Weight
0.94g

Order Information	Qty.	Order-Number	Series		Packaging
			575	0000	000

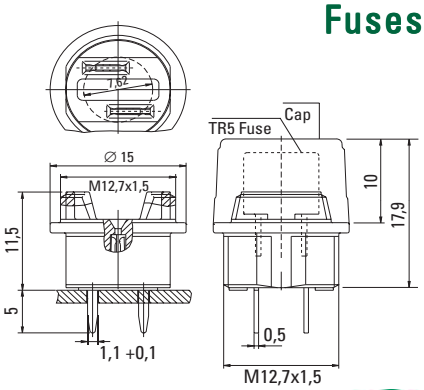
Specifications are subject to change without notice

Holder / No. 571

Holes in PCB



PC Mount, for TR5®/TE5® Fuses



RoHS

Packaging
000 bulk (100 pcs.)

Order Number
Holder No. 571 0000 000

Mounting
PC Board, 7.62mm hole spacing

Materials
Holder: Black Thermoplastic, UL94 V-0
Polyamide PA 6.6
Metal parts: Copper alloy
Solderable, tinned

Electrical Data (23°C/without Cap)
Rated Voltage: 250V
Max. Current/Power: 6.3A/2.5W

Minimum Cross Section
Conducting path - 0.2mm^2

Unit Weight
1.6g

Order Information	Qty.	Order-Number	Series		Packaging
			571	0000	000

Specifications are subject to change without notice

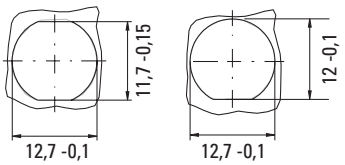
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

WICKMANN

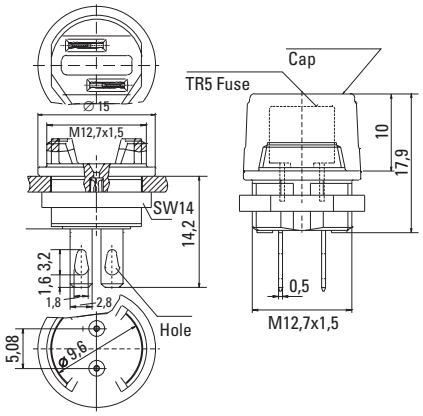
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 570

Panel Mount, for TR5® Fuses



Panel alternatives



with cap 575 IP40
(only on front side)

RoHS

Specifications

Packaging
000 bulk (100 pcs.)

Order Number
Holder No. 570 0000 000

Mounting
12.7mm diameter D-hole or double D-hole
Admissible torque on plastic hex nut is 1.2Nm

Terminals
Solderable or 2.8mm quick connect-fits 0.5mm tab

Materials
Holder: Black Thermoplastic, UL 94 V-0
Polyamide PA 6.6
Metal parts: Copper alloy
Solderable tinned

Electrical Data (23°C/without Cap)
Rated Voltage: 250V
Max. Current/Power: 6.3A/2.5W

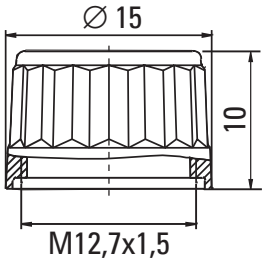
Minimum Cross Section
Conductor - 2.5mm^2

Unit Weight
2.2g

Order Information	Qty.	Order-Number	Series		Packaging
			570	*0000*	*000*

Specifications are subject to change without notice

Cap / No. 575



RoHS

Packaging
000 bulk (100 pcs.)

Order Number
Cap No. 575 0000 000

Plastic Cap
Use with No. 570 or No. 571

Materials
Cap: Transparent Thermoplastic
Polycarbonat PC, UL94 V-0

Unit Weight
0.94g

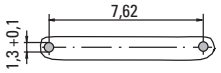
Order Information	Qty.	Order-Number	Series		Packaging
			575	*0000*	*000*

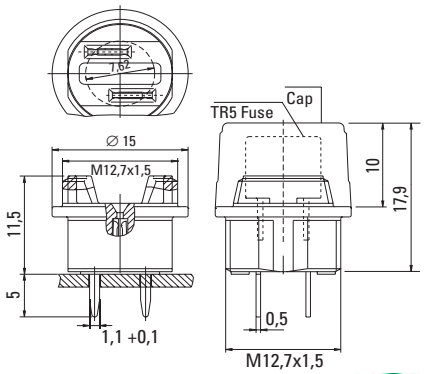
Specifications are subject to change without notice

Holder / No. 571

PC Mount, for TR5® Fuses

Holes in PCB





RoHS

Packaging
000 bulk (100 pcs.)

Order Number
Holder No. 571 0000 000

Mounting
PC Board, 7.62mm hole spacing

Materials
Holder: Black Thermoplastic, UL94 V-0
Polyamide PA 6.6
Metal parts: Copper alloy
Solderable, tinned

Electrical Data (23°C/without Cap)
Rated Voltage: 250V
Max. Current/Power: 6.3A/2.5W

Minimum Cross Section
Conducting path - 0.2mm^2

Unit Weight
1.6g

Order Information	Qty.	Order-Number	Series		Packaging
			571	*0000*	*000*

Specifications are subject to change without notice

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

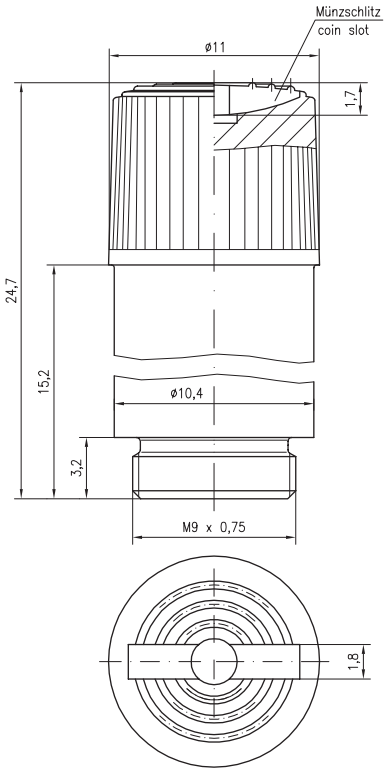
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Cap / No. **568**

for 6.3 x 32 mm Fuses

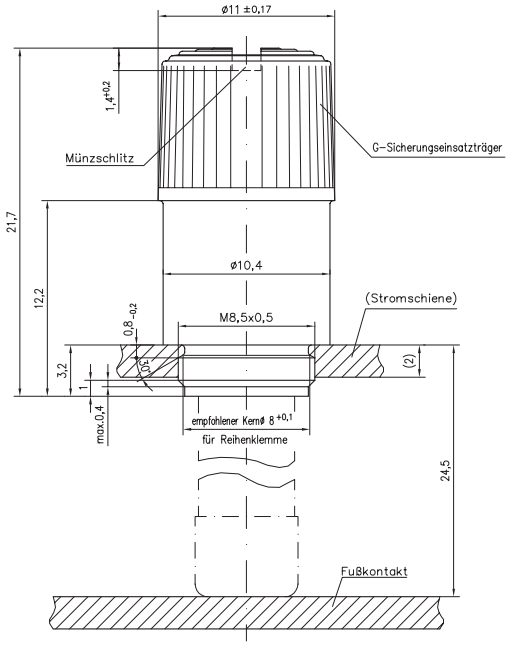
RoHS



Cap / No. **569**

for 6.3 x 32 mm Fuses

RoHS



Specifications

Monting
Screw thread in bus bar

Protection Class & Category
IP 40 (IEC 60529)

Materials

Cap:	Thermoplastic (Polyamide PA 6.6), UL 94 V-0, black
Metal Parts:	Copper alloy, corrosion protected, nickel-plated

Electrical Data (23 °C)

Rated Voltage:	250 V
Rated Current:	6.3 A

Operating Temperature
-25 °C to 70 °C (consider de-rating)

Stock Conditions
10 °C to 60 °C

Contact Resistance
≤ 5 mΩ

Unit weight
4,3 g (568) / 3,8 g (569)

Order Information

Packaging
Bulk (1,000 pcs.)

Order Numbers
Cap, 6.3 x 32 mm No. 568 0000 001
Cap, 6.3 x 32 mm No. 569 0000 001

Specifications are subject to change without notice

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

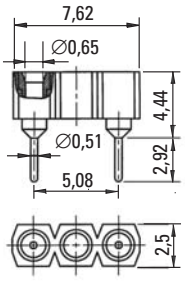
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

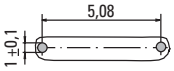
WebSite www.littelfuse.com

Holder / No. 562

PC Mount, for TR5®/TE5® Fuses



Holes in PCB



Specifications

Packaging
100 bulk (1000 pcs.)

Mounting
PC Board, 5.08mm pin spacing

Materials
Holder: Black Thermoplastic, UL94 V-0 Nylon 46
Terminals: Copper alloy; solderable tinned

Electrical Data (23°C)
Rated Voltage: 250V
Max. Current/Power:6.3A/1.6W

Minimum Cross Section
Conducting path - 0.1mm^2

Unit Weight
0.12g

RoHS

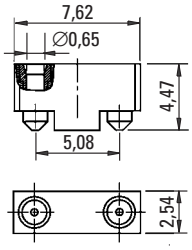
Order Information

Qty.	Order-Number	Series		Packaging
		562	*0000*	*100*

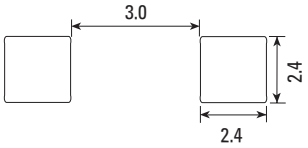
Specifications are subject to change without notice

Holder / No. 564

Surface Mount, for TR5®/TE5® Fuses



recommended Pad Layout (mm)



Packaging
100 Tape/Reel (1500 pcs.)
Carrier tape width 16 mm
Reel diameter 33 cm

Order Number
Holder No. 564 0000 100

Mounting
PC Board, 5.08mm pad spacing

Materials
Holder: Black Thermoplastic, UL94 V-0 Nylon 46
Terminals: Copper alloy; solderable tinned

Electrical Data (23°C)
Rated Voltage: 250V
Max. Current/Power: 6.3A/1.6W

Minimum Cross Section
Conducting path - 0.1mm^2

Unit Weight
0.44g

RoHS

Order Information

Qty.	Order-Number	Series		Packaging
		564	*0000*	*100*

Specifications are subject to change without notice

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

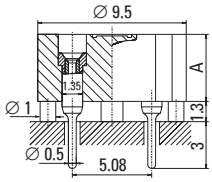
WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

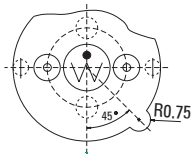
WebSite www.littelfuse.com

Holder / No. 560

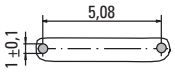
PC Mount, for TR5®/TE5® Fuses



"A"	code	height
3.0 mm		13
4.3 mm		10



Holes in PCB



Specifications

Packaging
1 bulk (1000 pcs.)
0 bulk (500 pcs.)

Order Number
Holder No. 560 0000 13 1
Holder No. 560 0000 10 0
Holder No. 560 0000 10 1

Mounting
PC Board, 5.08 mm pin spacing

Materials
Holder: Thermoplastic, UL 94 V-0
Polyester PCT
Metal parts: Copper alloy; solderable tinned

Electrical Data (23 °C)
Rated Voltage: 250 V
Max. Current/Power: 6.3 A/1.6 W

Solderability
max. 280 °C, 10 s (Wave)

Minimum Cross Section
Conducting path - 0.1 mm^2

Unit Weight
0,4 g

RoHS

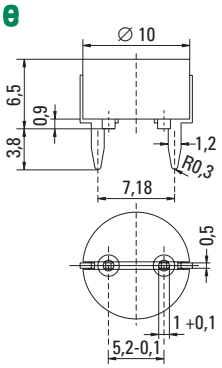
Order Information

Qty.	Order-Number	Series		code	height	Packaging
		560	*0000*			

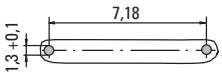
Specifications are subject to change without notice

Holder / No. 559

PC Mount, for TR5®/TE5® Fuses leadfree



Holes in PCB



Packaging
000 bulk (1000 pcs.)

Mounting
PC Board, 7.18 mm pin spacing

Materials
Holder: Black Thermoplastic, UL94 V-0
Polyamide PA 6.6
Metal parts: Copper alloy; solderable tinned

Electrical Data (23 °C)
Rated Voltage: 250 V
Max. Current/Power: 6.3 A/1.6 W

Solderability
max. 260 °C, 10 s (Wave)

Minimum Cross Section
Conducting path - 0.1 mm^2

Unit Weight
0.63 g

Pb RoHS

Order Information

Qty.	Order-Number	Series		Packaging
		559	*0000*	*000*

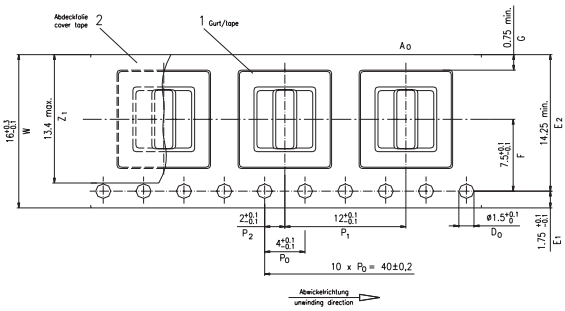
Specifications are subject to change without notice

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

No. 523 / PIPclip lead free



Specifications

Packaging
S00 blister tape (1x800 pcs.)
reel diameter 380 mm
tape width 16 mm

Mounting
PC Board, 5,2 mm pin spacing
Solder pins 0.4 x 1.2 mm

Materials
copper alloy, solderable tinned

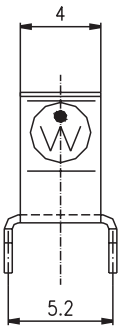
Electrical Data (23 °C)
Rated Voltage: 250 V
Max. Current/Power: 6.3 A/2.5 W

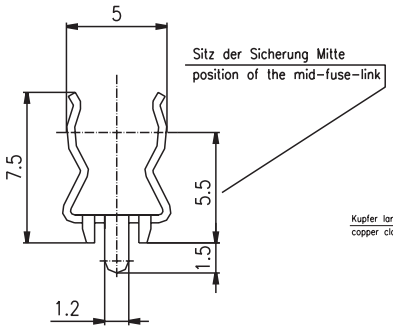
Minimum Cross Section
Conducting path - 0.2 mm^2

Solderability
235 °C, 2 s (IEC 60068-2-20)

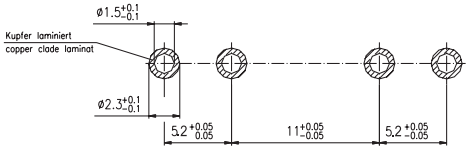
Soldering Heat Resistance
260 °C, 10 s (IEC 60068-2-20)

Unit Weight
0.4 g





Example for PC Board



Order-Information	Qty.	Order-Number	Series		Packaging
			523	*0000*	*S00*

Specifications are subject to change without notice

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

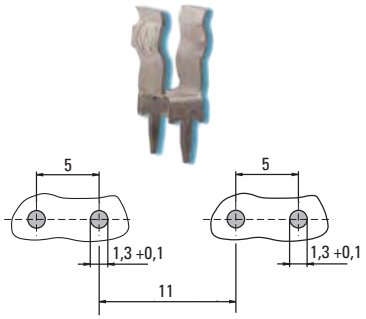
WICKMANN

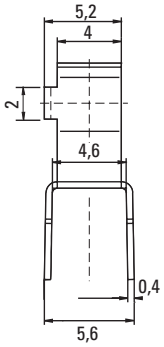
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

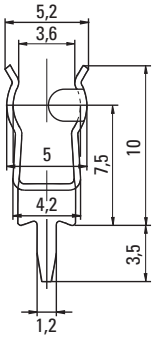
Littelfuse

Clip / No. 520 lead free

PC Mount, 5x20mm Fuses







Specifications

Mounting
PC Board, 5mm pin spacing
Solder pins 0.4 x 1.2mm

Materials
Clip: Copper alloy
Solderable, tinned

Electrical Data (23°C)
Rated Voltage: 250V
Max. Current/Power: 6.3A/2.5W

Minimum Cross Section
Conducting path - 0.2mm²

Solderability
235°C, 2 sec. (IEC 60068-2-20)

Soldering Heat Resistance
260°C, 10 sec. (IEC 60068-2-20)

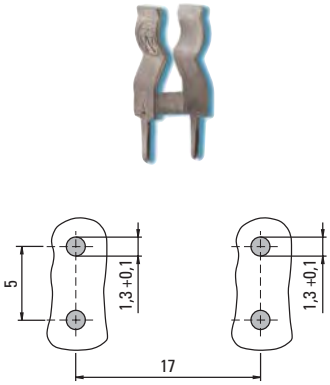
Unit Weight
0.4g

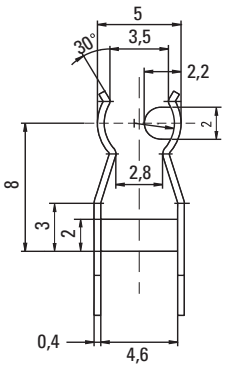
Packaging
Bulk (5000 pcs.)

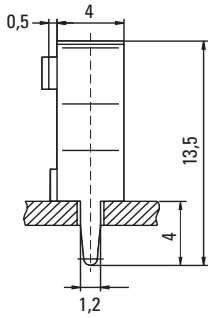
Order Number
Clip No. 520 0000 100

Clip / No. 521 lead free

PC Mount, 5x20mm Fuses 90° Pin Shift







Mounting
PC Board, 5mm pin spacing
Solder pins 0.4 x 1.2mm

Materials
Clip: Copper alloy
Solderable, tinned

Electrical Data (23°C)
Rated Voltage: 250V
Max. Current/Power: 6.3A/2.5W

Minimum Cross Section
Conducting path - 0.2mm²

Solderability
235°C, 2 sec. (IEC 60068-2-20)

Soldering Heat Resistance
260°C, 10 sec. (IEC 60068-2-20)

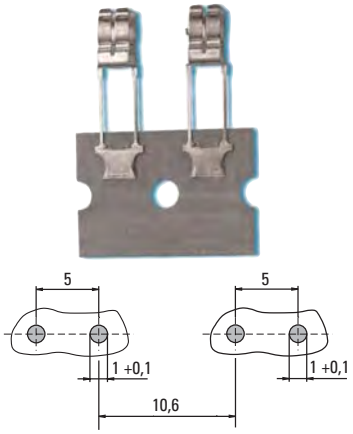
Unit Weight
0.4g

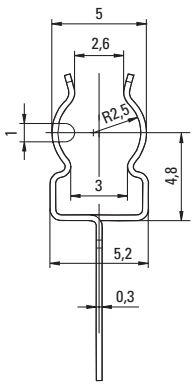
Packaging
Bulk (5000 pcs.)

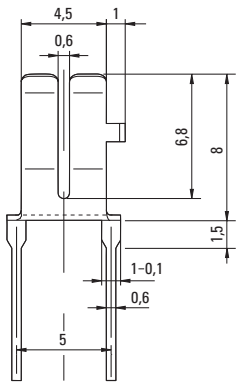
Order Number
Clip No. 521 0000 100

Clip / No. 519 lead free

PC Mount, 5x20mm Fuses Taped







Mounting
PC Board, 5mm pin spacing
Solder pins 0.3 x 0.5mm

Materials
Clip: Copper alloy
Solderable, tinned

Electrical Data (23°C)
Rated Voltage: 250V
Max. Current/Power: 2.5A/1W

Minimum Cross Section
Conducting path - 0.2mm²

Solderability
235°C, 2 sec. (IEC 60068-2-20)

Soldering Heat Resistance
260°C, 10 sec. (IEC 60068-2-20)

Unit Weight
0.5g

Packaging
Tape/Reel (1000 pcs.)

Order Number
Clip No. 519 0000 100

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

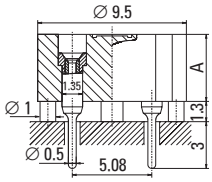
Specifications are subject to change without notice.

WICKMANN

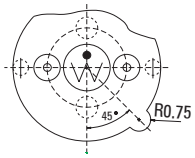
In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

Holder / No. 560

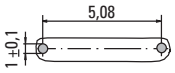
PC Mount, for TR5®/TE5® Fuses



"A"	code	height
3.0 mm		13
4.3 mm		10



Holes in PCB



Specifications

Packaging
1 bulk (1000 pcs.)
0 bulk (500 pcs.)

Order Number
Holder No. 560 0000 13 1
Holder No. 560 0000 10 0
Holder No. 560 0000 10 1

Mounting
PC Board, 5.08 mm pin spacing

Materials
Holder: Thermoplastic, UL 94 V-0
Polyester PCT
Metal parts: Copper alloy; solderable tinned

Electrical Data (23 °C)
Rated Voltage: 250 V
Max. Current/Power: 6.3 A/1.6 W

Soldering Heat Resistance
max. 280 °C, 10 s (Wave)

Minimum Cross Section
Conducting path - 0.1 mm²

Unit Weight
0.4 g

RoHS

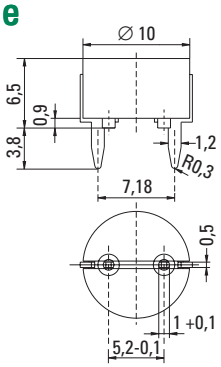
Order Information

Qty.	Order-Number	Series		code height	Packaging
		560	0000		

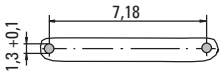
Specifications are subject to change without notice

Holder / No. 559

PC Mount, for TR5®/TE5® Fuses leadfree



Holes in PCB



Packaging
000 bulk (1000 pcs.)

Mounting
PC Board, 7.18 mm pin spacing

Materials
Holder: Black Thermoplastic, UL94 V-0
Polyamide PA 6.6
Metal parts: Copper alloy; solderable tinned

Electrical Data (23 °C)
Rated Voltage: 250 V
Max. Current/Power: 6.3 A/1.6 W

Solderability
max. 260 °C, 10 s (Wave)

Minimum Cross Section
Conducting path - 0.1 mm²

Unit Weight
0.63 g

RoHS

Order Information

Qty.	Order-Number	Series		Packaging
		559	0000	000

Specifications are subject to change without notice

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

WICKMANN

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.