

2005

# Linecard **ESKA FUSES**



*Distribution  
mit Kompetenz*



# Das Ganze ist immer nur so gut, wie die Qualität seiner Teile!



## **Beratungs-Service**

Profitieren Sie von unserer langjährigen Erfahrung. Fragen Sie uns auch, wenn es um die Entwicklung Ihrer individuellen Lösungen geht. Unsere persönlichen Ansprechpartner beraten Sie gern und sind Montag bis Donnerstag von 7.30 Uhr bis 17.30 Uhr und Freitag von 7.30 Uhr bis 17.00 Uhr für Sie da.

## **Rund-um-die Uhr – Liefer-Service**

Trifft Ihre Bestellung bis 17.00 Uhr bei uns ein, wird sie noch am gleichen Tage versendet. Ab einem Auftragswert von 250,- € erhalten Sie Ihre Lieferung frei Haus.

## **Lager-Service**

Unser Produkt-Sortiment umfasst auf einer Fläche von 700 qm ständig mehr als 13.000 Einzel-Artikel.

## **Linecard-Service**

Das umfassende Programm unserer international renommierten Hersteller erhalten Sie regelmäßig, kostenlos und ständig aktualisiert.

## **Internet-Service**

Über ein spezielles Passwort können Sie unsere Lagerbestände direkt im Internet abfragen und erfahren damit sofort, welche Artikel umgehend lieferbar sind. [www.al-elektronik.de](http://www.al-elektronik.de)  
Ihr Passwort erhalten Sie auf Anfrage.

Weil jedes einzelne elektronische Bauteil über die einwandfreie Funktion des Endproduktes entscheidet und eine ebenso schnelle wie kostengünstige Beschaffung dieser Teile letztlich Ihre Wettbewerbsfähigkeit bestimmt, sind dies die Kernpunkte unserer Leistungsfähigkeit: **Top-Qualität** zum vernünftigen Preis – und das **so schnell, wie Sie es wünschen!**

# The quality of a company is only as good as the quality of its products!



## **Service**

Take advantage of our many years of experience. Please feel free to contact us at any time if you need a single solution. Your personal contact will help you in any way from Monday to Thursday 7.30 a.m. to 5.30 p.m. and Friday from 7.30 a.m. to 5.00 p.m.

## **Round the Clock Delivery Service**

If your order reaches us before 5.00 p.m. it will be send out on the same day. Free of charge if the order value is higher than 250,00 €.

## **Stock**

Our comprehensive product range of more than 13.000 articles occupies a floor space of 700 sq m.

## **Linecard Service**

You will receive our international supplier companies' product ranges on a regular basis and free of charge.





## **Internet Service**





Your password enables you to call up our stock availability. [www.al-elektronik.de](http://www.al-elektronik.de)  
Contact us to obtain your password.

Each electronic component is crucial for a perfect functionality of the end product and a fast as well as inexpensive acquisition of these elements is decisive for your competitiveness.

These two facts are the core points of our efficiency: **Top Quality** at a **Competitive Price** – our **Complete Service, Immediately!**









Artikel / Article	Bezeichnung / Name	Produktdaten / Features	Abbildung / Pictures
FUSE-LINKS	5x20 FF 520.100	5x20 mm SUPER QUICK-ACTING Voltage: 250 V Breaking Capacity: 35-1500 A Construction: 100 mA-1,25 A Glastube, transparent 1,6 - 12,5 A ceramic-tube Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces RoHS Compliant	
FUSE-LINKS	5x20 F 520.600	5x20 mm QUICK-ACTING Voltage: 250 V Breaking Capacity: 35-100 A Construction: 32 mA-10 A Glastube, transparent Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces DIN 41.661 EN 60127-2-2 Ⓢ Ⓜ BEAB <sup>1)</sup> RoHS Compliant	
FUSE-LINKS	5x20 M 521.000	5x20 mm MEDIUM TIME-LAG Voltage: 250 V Breaking Capacity: 35-100 A Construction: 32 mA-1,25 A Glastube, transparent 1,6 - 16 A: Glastube, with extinguishing agent Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces DIN 41.571.2 RoHS Compliant	
FUSE-LINKS	5x20 T 522.500	5x20 mm TIME-LAG Voltage: 250 V Breaking Capacity: 35-100 A Construction: 32 mA-10 A Glastube, transparent Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces DIN 41.622 EN 60127-2-3 Ⓢ Ⓜ Ⓡ <sup>2)</sup> Ⓜ BEAB <sup>1)</sup> RoHS Compliant	




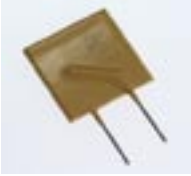
Artikel / Article	Bezeichnung / Name	Produktdaten / Features	Abbildung / Pictures
FUSE-LINKS	K 5x20 F 520.500	5x20mm QUICK-ACTING Voltage: 250V Breaking Capacity: 1500 A Construction: 50 mA-10A Ceramictube, with extinguishing agent Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces DIN 41.660 EN 60127-2-1 Ⓢ Ⓜ SEV <sup>1)</sup> RoHS Compliant	
FUSE-LINKS	K 5x20 M 521.500	5x20mm MEDIUM-TIME-LAG Voltage: 250V Breaking Capacity: 1500 A Construction: 1,6 A-16 A Ceramictube, with extinguishing agent Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces RoHS Compliant	
FUSE-LINKS	K 5x20 T 522.700	5x20mm TIME-LAG Voltage: 250V Breaking Capacity: 1500 A Construction: 100 mA-10 A Ceramictube, with extinguishing agent Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces EN 60127-2-5 Ⓢ ⚠ Ⓜ BEAB <sup>1)</sup> RoHS Compliant	
FUSE-LINKS	6,3x32 F 632.600	6,3x32mm QUICK-ACTING Voltage: 60-250V Breaking Capacity: 35-100 A Construction: 32 mA-16 A Glastube, transparent Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces DIN 41668 EN 60127-2-4 RoHS Compliant	

Artikel / Article	Bezeichnung / Name	Produktdaten / Features	Abbildung / Pictures
FUSE-LINKS	6,3x32 M 632.200	6,3x32mm MEDIUM TIME-LAG Voltage: 250V Breaking Capacity: 35/1000 A Construction: 32 mA-1,25A Glastube, transparent 1,6 - 16 A Glastube, with extinguishing agent Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces RoHS Compliant	
FUSE-LINKS	6,3x32 T 632.300	6,3x32mm TIME-LAG Voltage: 250V Breaking Capacity: 35/1000 A Construction: 32 mA-2A Glastube, transparent 2,5 - 16 A Glastube, with extinguishing agent Contact caps: Brass, nickel plated Packing: 100 pcs. = 10 boxes of 10 pieces RoHS Compliant	
SUB-MINIATURE FUSES	164 050 F 885.000	7,7x8,35 mm RM5 QUICK-ACTING Voltage: 250V Breaking Capacity: 35-63 A Construction: 250 mA-6,3 A Temperature resistant thermo-plastic body round pins, distance 5,08 mm Connection pins: surface tin-plated, pluggable and solderable Packing: bulk package EN 60127-3-3 Ⓢ Ⓡ <sup>1)</sup> RoHS Compliant	
SUB-MINIATURE FUSES	164 050 T 887.000	7,7x8,35 mm RM5 TIME-LAG Voltage: 250V Breaking Capacity: 35-63 A Construction: 250 mA-6,3 A Temperature resistant thermo-plastic body round pins, distance 5,08 mm Connection pins: surface tin-plated, pluggable and solderable Packing: bulk package EN 60127-3-4 Ⓢ Ⓡ <sup>1)</sup> RoHS Compliant	




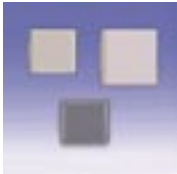

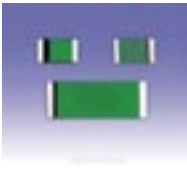


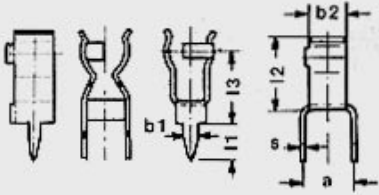

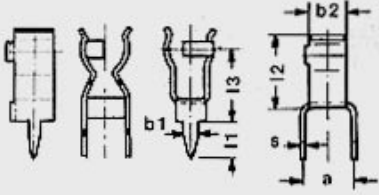

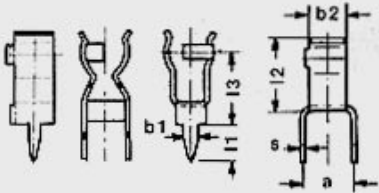

<b>Artikel / Article</b>	<b>Bezeichnung / Name</b>	<b>Produktdaten / Features</b>	<b>Abbildung / Pictures</b>
Picofuses	Picofuse 823.600	2,36x8,0mm QUICK-ACTING Voltage: 125V (32V) Breaking Capacity: 300 A Range: 63 mA-15 A Packing: Bulk EN 60127-3-2 CSA RoHS Compliant	
Chip-Fuses	SMD 1206 FF 320.00	1,524x3,175x0,635mm SUPER QUICK ACTING Voltage: 125V AC 100 A 63V DC 50 A Range: 250mA - 5 A packing unit: 5000 pcs./reel Infrared-Reflow: 260 °C, 20s max. Wave Solder: 260 °C, 10s max. (MIL-STD-202, Method 210) Solderability: MIL-STD-202, Method 208 Operating temperature: -55 °C to +125 °C Shock: MIL-STD-202, Method 213 Test-Condition I Vibration: MIL-STD-202, Method 201 Salt Spray: MIL-STD-202, Method 101 Test-Condition B (48 hrs.) Insulation Resestance: MIL-STD-202, Method 302 Test-Condition A 10.000 Ohm min. Resistance to Solder Heat: MIL-STD-202, Method 210 Test-Condition F (260 °C, 20s) Thermal Shock: MIL-STD-202, Method 107 Test-Condition B (-65 °C to +125 °C) Materials: Ceramic Substrat / Printed element  UL/CSA STD. 248-14 UL   RoHS Compliant	

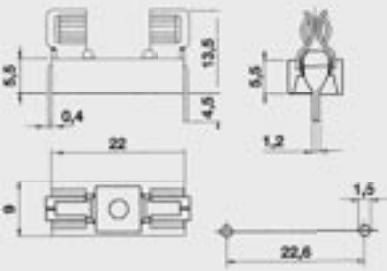

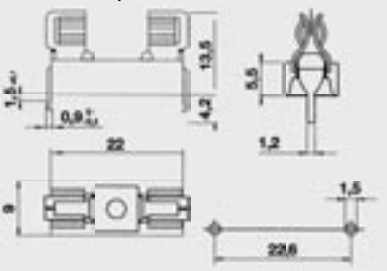


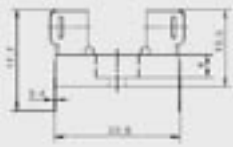


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Chip-Fuses	SMD 0603 FF 420.00	<p>0,8126 x 1,5494 x 0,4572 mm SUPER QUICK ACTING</p> <p>Voltage: 32 V AC 35 A 63 V DC 50 A</p> <p>Range: 250 mA - 4 A</p> <p>packing unit: 5000 pcs./reel</p> <p>Infrared-Reflow: 260 °C, 20s max.</p> <p>Solderability: MIL-STD-202, Method 208</p> <p>Operating temperature: -55 °C to +125 °C</p> <p>Shock: MIL-STD-202, Method 213 Test-Condition I</p> <p>Vibration: MIL-STD-202, Method 201</p> <p>Salt Spray: MIL-STD-202, Method 101 Test-Condition B (48 hrs.)</p> <p>Insulation Resestance: MIL-STD-202, Method 302 Test-Condition A 10.000 Ohm min.</p> <p>Resistance to Solder Heat: MIL-STD-202, Method 210 Test-Condition F (260 °C, 20s)</p> <p>Thermal Shock: MIL-STD-202, Method 107 Test-Condition B (-65 °C to +125 °C)</p> <p>UL/CSA STD. 248-14</p> <p> RoHS Compliant</p>	

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THERMO FUSES	TS E 4A KL 770.000	4x 10,5 mm Voltage: 250V 10A Range: 72 °C - 240 °C UL E 40667 CSA 062037 VDE 93820 RoHS Compliant	
THERMO FUSES	TS E 4A LL 771.000	4x 10,5 mm Voltage: 250V 10A Range: 72 °C - 240 °C UL E 40667 CSA 062037 VDE 93820 RoHS Compliant	
RESETTABLE FUSE	LP30-XXX	6,0x13,8x3,0mm up to 24,5x36,4x3,0mm V max: 30V I max: 40A I hold: 0,9A - 9A I trip: 1.8 - 18A T trip: 7,1 - 20s UL, CSA: E202125 TÜV: R2134446 TÜV  c91®us RoHS Compliant	

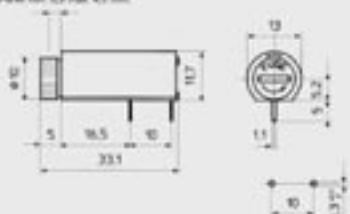

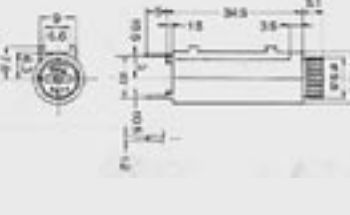

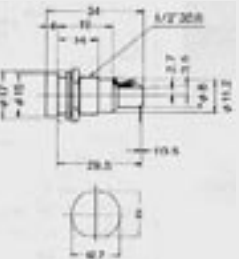

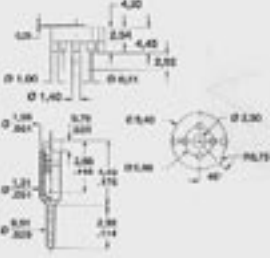



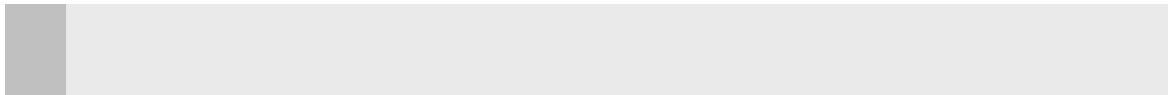
Artikel / Article	Bezeichnung / Name	Produktdaten / Features	Abbildung / Pictures
RESETTABLE FUSE	LP60-XXX	5,7x10,5x3,1 mm up to 28,5x32,5x3,1 mm V max: 60V I max: 40A I hold: 0,05A - 3,75A I trip: 0,1 - 7,5A T trip: 5,0 - 24s  UL, CSA: E202125 TÜV: R2134446  <sup>us</sup> RoHS Compliant	
RESETTABLE FUSE	LP-SM XXX	7,98x3,18x5,44 mm up to 9,5x3,0x6,71 mm V max: 6 - 60V I max: 10 - 40A I hold: 0,3A - 3A I trip: 0,6 - 6A T trip: 4,0 - 35s  UL, CSA: E202125 TÜV: R02134634  <sup>us</sup> RoHS Compliant	
RESETTABLE FUSE	LP-MSM XXX	4,73x3,41x0,81 mm up to 4,73x3,41x2,25 mm V max: 6 - 60V I max: 10 - 40A I hold: 0,1A - 2,6A I trip: 0,2 - 5,2A T trip: 0,15 - 2,5s  UL, CSA: E202125 TÜV: R02134634  <sup>us</sup> RoHS Compliant	

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CLIPS FOR FUSES 5x20	Sicherungshalter CLIP 1207 120.700	b2 x l2            4x9,5 b1 x l1            1,2x2,5 l3                    8 a                     5 Material, s        Ms 0,4 gr ‰ ≈            350 Rated voltage: 500V max. Rated current: 6,3 A tin-plated RoHS Compliant 	
CLIPS FOR FUSES 5x20	Sicherungshalter CLIP 1208 120.800	b2 x l2            4x8 b1 x l1            1,2x3,5 l3                    7,5 a                     5 Material, s        Ms 0,4        BZ 0,4 gr ‰ ≈            370            390 Rated voltage: 500V max. Rated current: 6,3 A tin-plated RoHS Compliant 	
CLIPS FOR FUSES 6,3x32	Sicherungshalter CLIP 1215 121.500	b2 x l2            7x11 b1 x l1            1,5x3,5 l3                    7,2 Material, s        Ms 0,5 gr ‰ ≈            830 Rated voltage: 500V max. Rated current: 10 A tin-plated RoHS Compliant 	

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FUSE HOLDER 5x20	Sicherungshalter 5034 503.400	<p>Open fuse-holders for printed circuits.                      Rated voltage: 250V                      Rated current: 6,3A                      Operating Power: 1,6W                      RoHS Compliant</p> 	
FUSE HOLDER 5x20	Sicherungshalter 5035 503.500	<p>Open fuse-holders for printed circuits.                      Rated voltage: 250V                      Rated current: 6,3A                      Operating Power: 1,6W                      RoHS Compliant</p> 	
FUSE HOLDER 5x20	Sicherungshalter 5033 503.300	<p>Open fuse-holders for printed circuits.                      Rated voltage: 250V                      Rated current: 6,3A                      Operating Power: 1,6W                      RoHS Compliant </p> 	
COVER FOR FUSE HOLDER	Kappe für Sicherungshalter 5033 503.310	<p>Cap for Fuse-Holder, transparent                      RoHS Compliant</p>	



Artikel / Article	Bezeichnung / Name	Produktdaten / Features	Abbildung / Pictures
FUSE HOLDER 5x20	Sicherungshalter 5027 EL 502.700	with bayonet-fixing-cap Rated voltage: 250V Rated current: 6,3A Sustained dissip.: 2,5 W ⚡ Ⓢ ⚠ Semko RoHS Compliant Panel mm: 5,2 max. 4,3 mm 	
FUSE HOLDER 5x20	Sicherungshalter 5027 ED 502.730	with bayonet-fixing-cap Rated voltage: 250V Rated current: 10A Ⓢ Ⓢ ⚠ Semko RoHS Compliant 	
FUSE HOLDER 5x20	Sicherungshalter 5026 ED 502.630	with bayonet-fixing-cap Rated voltage: 250V Rated current: 10A (UL/CSA/VDE) 6,3A (SEMKO) Ⓢ Ⓢ ⚠ Semko RoHS Compliant 	
SUB-MINIATUR FUSEHOLDER	Sicherungshalter 886.000	Rated voltage: 250V Rated current: 6,3A Operating power: 1,6W RoHS Compliant 	





# Produktlinie / Product range

Unser Produktangebot umfasst über 24.000 Einzelartikel, die wir von weltweit renommierten Herstellern erhalten. Dies garantiert Ihnen ein stets gleichbleibend hohes Qualitäts-Niveau sowie die sichere Funktionsweise Ihrer elektronischen Anwendungen.

Our product assortment comprises more than 24.000 different articles from international manufacturers. This is the guarantee of a constantly high quality level as well as reliable functioning of your electronic applications.



## Dip-Schalter / Dip-switches

Diptronics  
Tyco Electronics

## Lötstationen/Zubehör / Solder stations

Cooper / Weller

## Socket / Sockets

Import  
MPE-Garry  
Tyco Electronics

## Feinsicherungen / Fuses

ESKA

## Lüfter / Fans

Papst  
Sunon

## Steckverbinder / Connectors

Import  
Harting  
MPE-Garry  
Tyco Electronics

## Induktivitäten / Inductors

FASTRON  
YAGEO / Vitrohm

## Potentiometer / Potentiometers

Radiohm  
VISHAY

## Stift- und Buchsenleisten / Pin Headers

Import  
MPE-Garry  
Tyco Electronics

## Kabel / Cables

Import  
Lapp

## Quarze / Oszillatoren

Import

## Transformatoren / Transformers

Marschner

## Kabelkonfektion / Cable Assemblies

Import

## Relais / Relais

Tyco Electronics

## Trimmer / Trimmers

Vishay

## Kondensatoren / Capacitors

Import  
WIMA  
YAGEO / Vitrohm

## Halbleiter / Semiconductors

Philips Semiconductor

## Widerstände / Resistors

Vishay  
YAGEO / Vitrohm



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