ELPARTS

Electrics | Installation | Tools | Lighting

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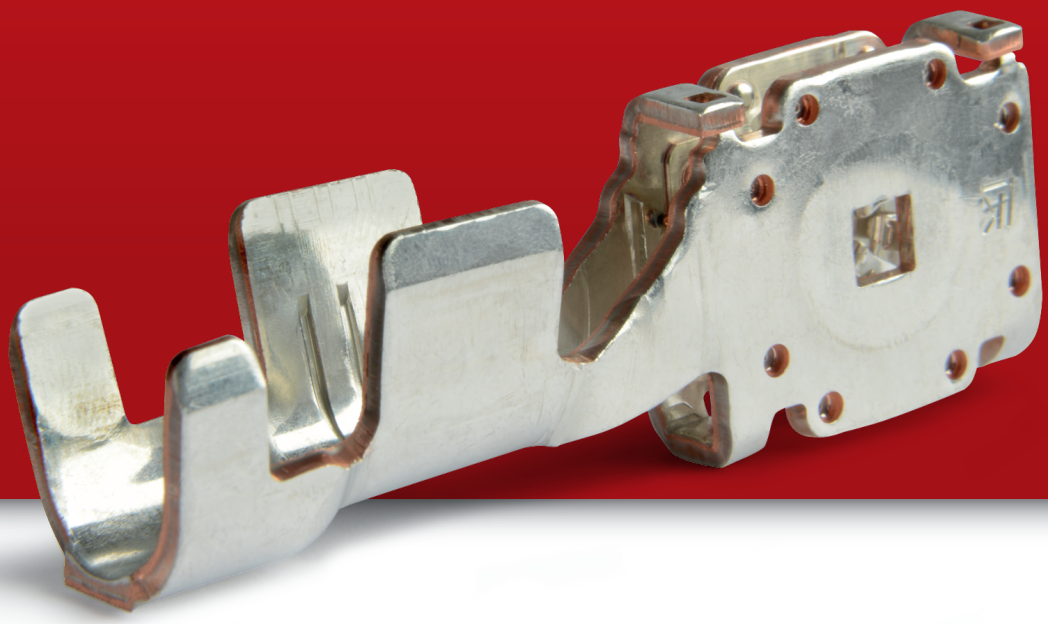
KOSTAL

Plug Connections



KOSTAL

HERTH+BUSS

“Real-life” implemented improvement process

We, the management are committed to the TQM concept, because we value the trust our customers place in us and want to maintain it in the long term.

We see our relationship with our customers as a partnership which must be constantly improved. As a result, we continuously check even established processes for opportunities for improvement.

And not because anyone is forcing us to do so, because we have met the criteria for the ISO certification for a long time.

Instead, we are motivated by the chance to achieve even better results in our work together and to help our customers to increase their competitiveness and hence secure their long-term success.

That is what we call a “real-life implemented improvement process”, and it is also what our many long-term customers especially appreciate about their cooperation with Herth+Buss.

We are certified according to:

- ISO 9001:2015 Quality management
- ISO 27001:2017 Information Security Management
- VDA 6.2 Quality management
- StVZO Verification

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ELPARTS

Electrics | Installation | Tools | Lighting

The specialist in vehicle electrics!

With our Elparts range we offer a comprehensive product spectrum that meets any requirement, from automobiles to commercial vehicles. This is our professional workshop solution and that's why we're always first choice.

Our services for you:

- over 6,200 universal parts
- over 3,000 vehicle-specific parts with 666,000 vehicle links
- comprehensive range for all vehicle types
- exactly fitting parts allocation
- professional-quality solutions from Herth+Buss

Passt immer!

ELECTRICS

- Signal devices
- Signal units
- Relays
- Control units
- Switches
- Actuators+Sensors
- Locking system
- Voltage transformers
- Inverter
- Alternators+Starters
- Wash water pump
- Ignition system

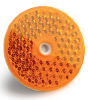
INSTALLATION

- Connectors
- Attachment parts
- Cable straps
- Gaskets+Grommets
- Insulating tape
- Hoses+Pipes
- Cables+ Cable connections
- Battery accessories
- Plug housings
- Fuses
- Plugs+Sockets
- Assortments

TOOLS

- Release tools
- Pliers
- Service+Diagnostics
- Measuring technology
- Battery management
- Processing+Installation
- Workshop lamps

LIGHTING

- Headlights
- Lights
- Reflectors 
- Warning equipment
- Connection sets
- (Lamp) sockets
- Bulbs

HERTH+BUSS

» IP CODE

Overview of IP-Code components (extract)

The protection categories are indicated by an abbreviation which is comprised of the letters IP (International Protection) which always remain the same, followed by two code numbers which represent the degree of protection.

The first code number represents the degree of protection against contact and foreign bodies, and the second represents the degree of protection against damage caused by water penetration.

First no.	Level of protection against touch	Level of protection against intrusion of foreign bodies	Second no.	Level of protection against water penetration
0	not protected	not protected	0	not protected
1	back of hand	object with Ø over 50 mm	1	vertical droplets
2	finger	object with Ø over 12,5 mm	2	droplets at 15° tilt
3	tools	object with Ø over 2,5 mm	3	spraying water
4	thin wire	object with Ø over 1 mm	4	splashing water
5	thin wire	dust-protected	4K	splashing water, at high pressure, only for road vehicles
6	complete	dust-tight	5	water jets
X	not checked	not checked	6	powerful water jets
			6K	powerful water jets, at high pressure (flooding), only for road vehicles
			7	temporary submersion
			8	continuous submersion
			9K	for pressure/steam jet cleaning, only for road vehicles, for use with end cap

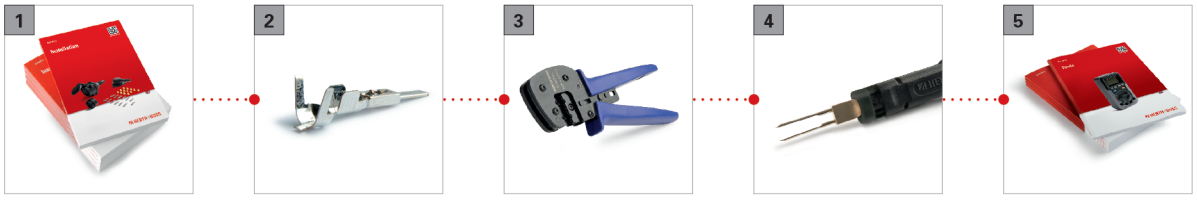
Example: IP-Code 65

First code number 6 = complete touch protection and dust-protected

Second code number 5 = protected against water jets

» PRACTICAL EXAMPLE

You have found a crimp connector in the Installation Catalogue (Katalog04EN), for example, then you see the corresponding pliers or release tool listed as accessories. Comprehensive information on these tools is then provided in the Tools Catalogue (Katalog08EN).



Catalogue — Article — Accessories — Accessories — Catalogue

» VDA

Installation by specialist only

The VDA working group for suppliers' aftermarket business is the representative of parts manufacturers in the German automotive industry, with their global heads in the aftermarket area. One of the main issues addressed by the group is the use of parts safety to constantly guarantee or increase road safety for drivers.

It has been noted that driver safety can be especially put at risk by improper installation of parts that are intended for installation by a workshop, not unqualified persons.

The aftermarket working group has therefore commissioned a pictogram for "Installation by specialist only". This pictogram for international use can be attached to the packaging of workshop parts for information purposes and indicates to the consumer that installation by a specialist workshop is recommended. The pictogram symbol has been developed as part of a market research study and successfully tested for clear understanding in a range of countries.

VDA | Verband der Automobilindustrie

» LEGAL INFORMATION

With the publication of this catalogue, all previous offers lose their validity. Only our order confirmation shall be relevant for the subject matter of the contract. We shall supply exclusively on the basis of the latest version of our general conditions of sale and delivery.

The catalogue is intended for the commercial sector only. All information in this catalogue has been carefully researched and reproduced. Technical modifications in the course of further development and variations in the shape, colour and the allocation of article numbers for each product described are reserved. In particular, we do not guarantee the complete consistency of the illustrations with the product. Claims for compensation due to printing errors or other incorrect and/or incomplete information are excluded, unless we are liable for intent or gross negligence or damages are due for bodily injury, loss of life or damage to the health of a person.

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The products supplied by us may only be used for their intended purpose. Fitting must only be performed by trained specialists.

New in the catalogue!

NEW 14 ARTICLES!

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Crimp Connector	50253500088	29
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Crimp Connector	50253254	33
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Connectors

Contact Pin	**52 - 67**
Contact Sleeve	**49 - 65**
Crimp Connector	**15 - 45**
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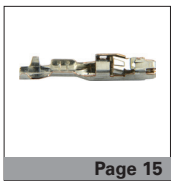
Crimp Connector

Blade Terminal Sleeve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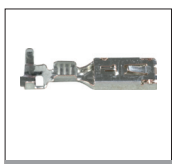
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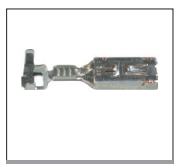
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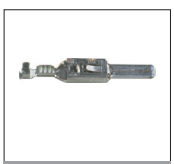
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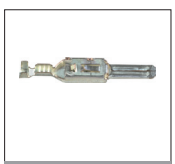
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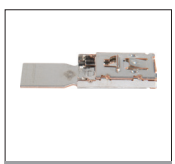
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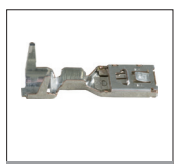
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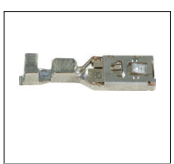
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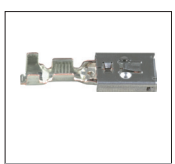
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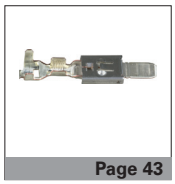
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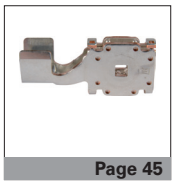
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» CONNECTORS KOSTAL

The reliability of electrical connections is becoming increasingly important. Our contact systems meet these high mechanical and electrical requirements. As a supplier to specialist wholesalers and the industry for pressed, crimped and soldered connectors, a high quality standard that meets the norms for automotive suppliers is compulsory.
Measurement of normal contact force and contact resistance, corrosive gas testing, frictional corrosion testing and vibration testing are just some of the procedures used to ensure the quality of the contact surfaces.

Material properties
Different materials are used for contact surfaces of plug connections. The following alloys are commonly used in automotive applications:

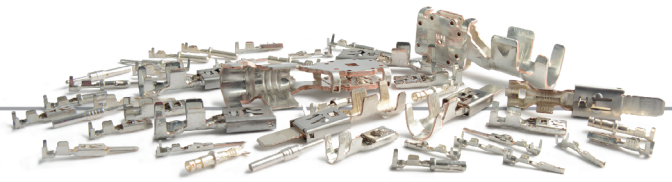
- Tin (Sn)
- Silver (Ag)
- Gold (Au)

Electrical properties
A stable contact resistance is needed in order to ensure the maximum conductivity of our cable connections in combination with insulated cables.
Conductivity is the load of electric current that a contacting system can permanently transfer with a defined ambient temperature and with the defined diameter of cable. Example: 40 to 30 A, at 20 to 80 °C and in the maximum wire size range

Mechanical properties
The conductivity can be heavily influenced by the forces involved in plugging and pulling (friction values). The connections manufactured with our tools have a sufficient tensile strength in line with DIN EN 61238-1.

Info
Please note that when pressing the solderless cable connections, a proper connection is only possible when the tools indicated by Herth+Buss are used.

The correct tools can be found in our tool catalogue with the article number Katalog08EN.



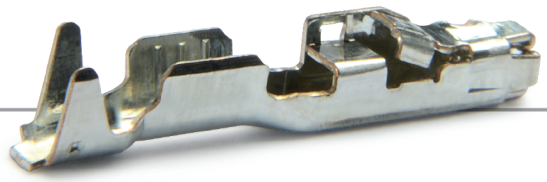
KOSTAL MQ 0,6

» MQ 0.6 CONTACT FAMILY

Mini Quadro

The MQ 0.6 contact is a compact connector system which has been dimensioned for strict miniaturisation. The square shape and the single-part construction facilitate contacting with four active contact zones in spite of the small dimensions. This guarantees high conductivity and reliability.
The MQ 0.6 connector sleeve is suitable for connecting to 0.63 x 0.63 mm plugs and may be used in all connector systems and housings whose contact cavities have been designed to fit the MQS contact from TE, among others. The properties of this connector sleeve make it ideally suited to high-density control unit contacting systems, applications in the vehicle's interior or in the engine bay, where every millimetre counts.

Surface	Tin
Current-carrying capacity	12.5 A at 20 °C 8 A at 80 °C
Min. grid/footprint	2.54 x 2.54 mm without ELA
Matching plug	0.63 x 0.63 mm
Wire size range	0.12 – 0.75 mm²
Permissible overall temperature	130 °C
Number of mating cycles	20
Contact retention force	≥ 60 N

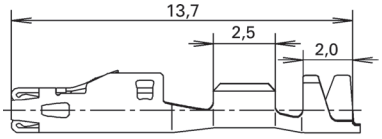


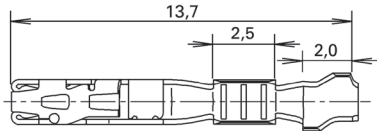
Crimp Connector

Manufacturer Restriction: KOSTAL MQ 0,6
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 12,5 A

Current rating at 80°C: 8 A

Insertion/extraction force: 3,5 +- 1,5 N
Base body material: CuSn (copper-tin)
Surface: Tin-plated
Temperature range: to 130 °C
Active contact zones: 4





The Mini-Quadro connector system from KOSTAL (KOSTAL MQ 0.6) has a chamber-compatible characteristic equivalent to the TE counterpart, the Micro-Quadlok system (TE MQS). The KOSTAL MQ 0.6 is to be used in TE MQS housings.

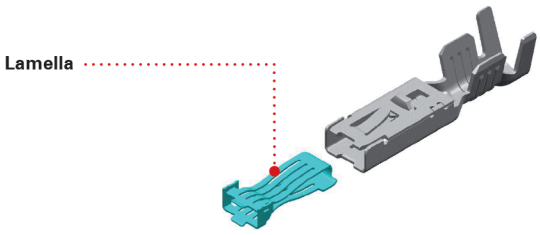
Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
0,6	0,6	0,12 to 0,14	100	**50253411**
			15000	**50253411088**
		0,17 to 0,25	100	**50253412**
			15000	**50253412088**
		0,35	100	**50253413**
			15000	**50253413088**
		0,5 to 0,75	100	**50253414**
			12000	**50253414088**

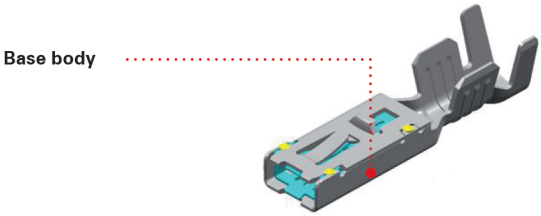
Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL MQ 0,6)	0,13 0,17 0,35 0,22 to 0,25	Page 176	50253411088 50253412088 50253413088 50253411 50253412 50253413	1	**95942148**
	0,5 0,75	Page 176	50253414088 50253414	1	**95942149**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL MQ 0,6)		Page 160		1	**95945440**

» KOSTAL

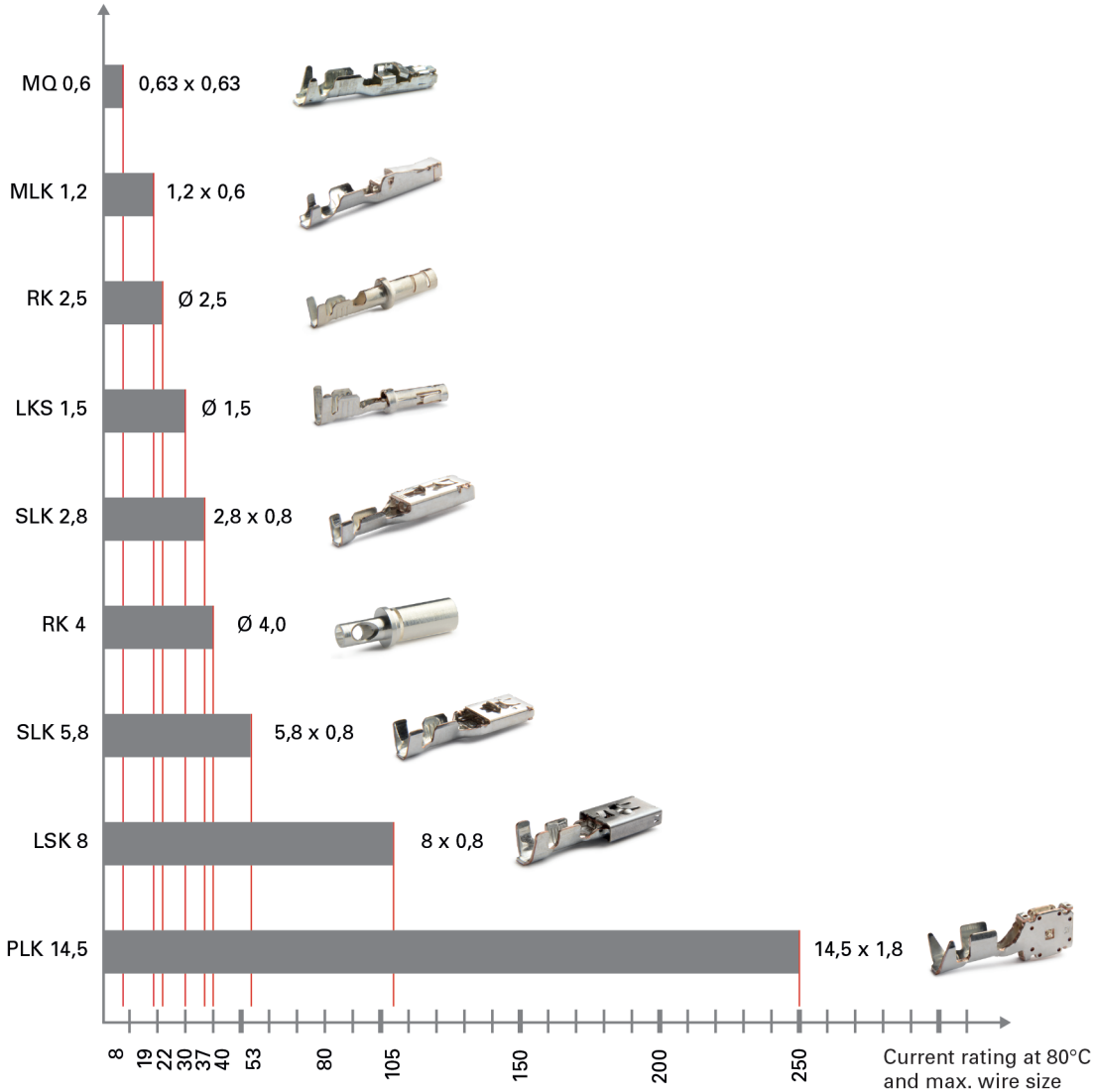
KOSTAL series crimp connectors

The contacts KOSTAL LKS 1.5 | MLK 1.2 | SLK 2.8 | 5.8 and LSK 8 all consist of a base body with a contact spring basket (lamella) attached with laser welding. The base body completely surrounds the lamella basket, thus protecting the contacting area. A constantly high-quality performance over the long term is ensured by outstanding conductivity and the potential for use at high temperatures.
Furthermore, with the contact families MQ 0.6 | RK 1.5 | RK 2.5 | RK 4, KOSTAL provides single-part contacts whose unique properties are a logical addition to the product range.





Information about the respective current rating



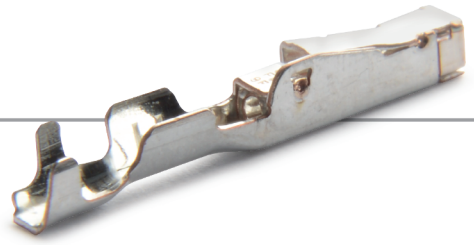
KOSTAL MLK 1,2

» MLK 1.2 CONTACT FAMILY

Mini lamella contact

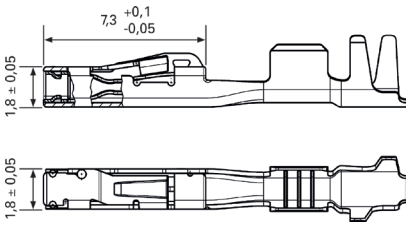
The MLK contact family comprises a compact and very capable connector system that is distinguished by its varied application possibilities. The two-part structure of the contact comprising the base body and the spot-welded copper-beryllium lamella with four contact zones facilitates the highest performance with the lowest contact resistance. This ingenious construction has a similarly positive effect on the number of mating cycles. All of the contacts in the MLK 1.2 family have finished surfaces and are available with tin-plated and silver-plated surfaces as standard. These properties make the contact very versatile, meaning it can be used for high-density control unit contacting systems and applications in the vehicle's interior, but also more importantly in engine wiring applications where there are high thermal and mechanical specifications to be met.

Surface	Tin	Silver
Current-carrying capacity	23 A at 20 °C 17 A at 80 °C	24 A at 20 °C 19 A at 80 °C
Min. grid/footprint	2.5 x 2.5 mm without ELA 4.0 x 3.5 mm with ELA	2.5 x 2.5 mm without ELA 4.0 x 3.5 mm with ELA
Matching plug	1.2 x 0.6 mm	1.2 x 0.6 mm
Wire size range	0.1 – 1.5 mm²	0.1 – 1.5 mm²
Permissible overall temperature	150 °C	170 °C
Number of mating cycles	20	100
Contact retention force	≥ 60 N	≥ 60 N



Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2m
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	23 A
Current rating at 80°C:	17 A
Insertion/ extraction force:	3 +- 1 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	4

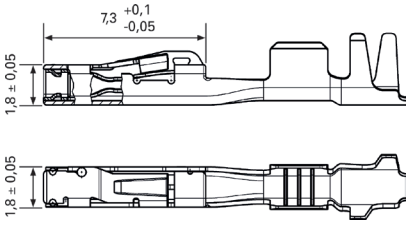


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
1,2	0,6	0,17 to 0,25	50	**50253439**
			8000	**50253439088**
		0,35	50	**50253441**
			8000	**50253441088**
		0,5 to 0,75	50	**50253443**
			10000	**50253443088**
		0,75 to 1	50	**50253445**
			10000	**50253445088**
		1,5	7500	**50253402088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942167**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	1	**95945400**

Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2m ELA
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	23 A
Current rating at 80°C:	17 A
Insertion/ extraction force:	3 +- 1 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	4

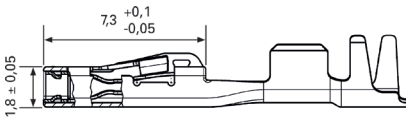


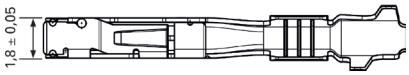
Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
1,2	0,6	ELA	0,17 to 0,25	50	**50253430**
			0,5 to 0,75	50	**50253434**
				7500	**50253434088**
			0,75 to 1	50	**50253436**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942171**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	1	**95945400**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		Page 71	1	**50282028**

Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2m
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	24 A
Current rating at 80°C:	19 A
Insertion/ extraction force:	2 +- 1 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	4



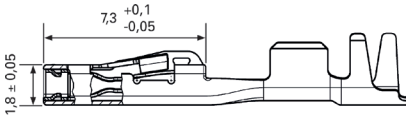


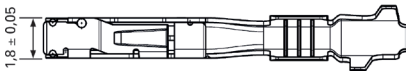
Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
1,2	0,6	0,17 to 0,25	50	**50253388**
			12000	**50253388088**
		0,35	50	**50253440**
			12000	**50253440088**
		0,5 to 0,75	50	**50253442**
			10000	**50253442088**
		0,75 to 1	50	**50253444**
			10000	**50253444088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942167**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	1	**95945400**

Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2m ELA
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	24 A
Current rating at 80°C:	19 A
Insertion/ extraction force:	2 +- 1 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	4



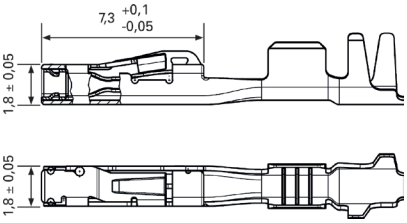


Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
1,2	0,6	ELA	0,17 to 0,25	50	**50253429**
			0,35	50	**50253431**
			0,5 to 0,75	50	**50253433**
				7500	**50253433088**
			0,75 to 1	50	**50253435**
				7500	**50253435088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942171**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	1	**95945400**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		Page 71	1	**50282028**

Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2m
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	24 A
Current rating at 80°C:	19 A
Insertion/ extraction force:	2 +- 1,5 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Au (Copper-Beryllium/ Gold)
Surface:	Gold-plated
Temperature range:	to 170 °C
Active contact zones:	4

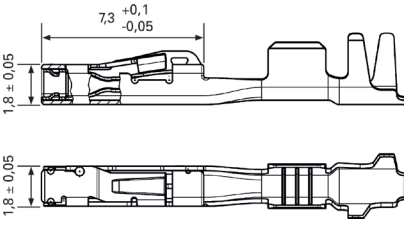


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
1,2	0,6	0,75 to 1	10000	**50253994088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942167**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	1	**95945400**

Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2 Sm
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	23 A
Current rating at 80°C:	17 A
Insertion/ extraction force:	3,4 +- 1,0 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	4

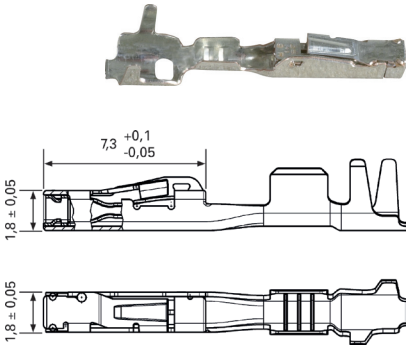


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
1,2	0,6	0,12 to 0,14	50	**50253966**
			12000	**50253966088**
		0,17 to 0,25	50	**50253476**
			12000	**50253476088**
		0,35	50	**50253462**
			12000	**50253462088**
		0,5 to 0,75	50	**50253483**
			10000	**50253483088**
		0,75 to 1	50	**50253480**
			10000	**50253480088**
		1 to 1,5	50	**50253482**
			7500	**50253482088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942167**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	1	**95945400**

Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2Sm ELA
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	23 A
Current rating at 80°C:	17 A
Insertion/ extraction force:	3,4 +- 1,0 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	4

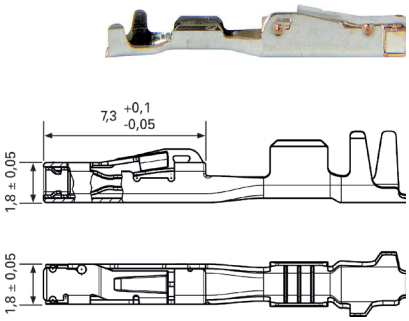


Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
1,2	0,6	ELA	0,17 to 0,25	50	**50253469**
				7500	**50253469088**
			0,35	50	**50253470**
				7500	**50253470088**
			0,5 to 0,75	50	**50253471**
				7500	**50253471088**
			0,75 to 1	50	**50253472**
				7500	**50253472088**
			1 to 1,5	50	**50253474**
				7500	**50253474088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942171**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	1	**95945400**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		Page 71	1	**50282028**

Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2 Sm
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	24 A
Current rating at 80°C:	19 A
Insertion/ extraction force:	2,5 +- 1,0 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	4



Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
1,2	0,6	0,12 to 0,14	50	**50253967**
			12000	**50253967088**
		0,17 to 0,25	50	**50253475**
			12000	**50253475088**
		0,35	50	**50253477**
			12000	**50253477088**
			NEW 12000	**50253850088**
		0,5 to 0,75	50	**50253478**
			10000	**50253478088**
		0,75 to 1	50	**50253479**
			10000	**50253479088**
		1 to 1,5	50	**50253481**
			7500	**50253481088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	50253475 50253475088 50253477 50253477088 50253478 50253478088 50253479 50253479088 50253481 50253481088 50253967 50253967088	1	**95942167**
Crimping Pliers CrimPro 30		Page 173	50253475 50253475088 50253477 50253477088 50253478 50253478088 50253479 50253479088 50253481 50253481088 50253967 50253967088	1	**95942164**
		Page 173	50253475 50253475088 50253477 50253477088 50253478 50253478088 50253479 50253479088 50253481 50253481088 50253967 50253967088	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	50253475 50253475088 50253477 50253477088 50253478 50253478088 50253479 50253479088 50253481 50253481088 50253967 50253967088	1	**95945400**

Crimp Connector

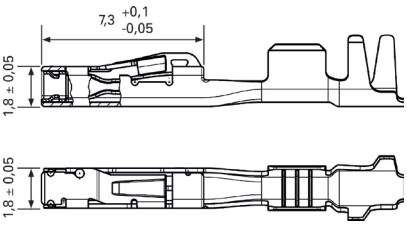
Manufacturer Restriction:	KOSTAL MLK 1,2Sm ELA
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	24 A
Current rating at 80°C:	19 A
Insertion/ extraction force:	2,5 + 1,0 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (Kupfer-Beryllium/ Silber)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	4

Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
1,2	0,6	ELA	0,12 to 0,14	50	**50253847**
			0,17 to 0,25	50	**50253484**
				7500	**50253484088**
			0,35	50	**50253463**
				7500	**50253463088**
			0,5 to 0,75	50	**50253464**
				7500	**50253464088**
			0,75 to 1	50	**50253465**
				7500	**50253465088**
			1 to 1,5	50	**50253473**
				7500	**50253473088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA)	0,13 0,35 0,17 to 0,22	Page 175	50253847	1	**95942141**
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	0,5 0,75	Page 176	50253464 50253464088	1	**95942196**
	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	50253463 50253463088 50253465 50253465088 50253473 50253473088 50253484 50253484088	1	**95942171**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161		1	**95945400**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	0,12 to 0,22	Page 71	50253847	1	**50282086**
	0,22 to 1	Page 71	50253463 50253463088 50253464 50253464088 50253465 50253465088 50253473 50253473088 50253484 50253484088	1	**50282021**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		Page 71	50253463 50253463088 50253464 50253464088 50253465 50253465088 50253473 50253473088 50253484 50253484088	1	**50282028**

Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2 Sm
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	24 A
Current rating at 80°C:	19 A
Insertion/ extraction force:	2,5 +- 1,0 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Au (Copper-Beryllium/ Gold)
Surface:	Gold-plated
Temperature range:	to 170 °C
Active contact zones:	4

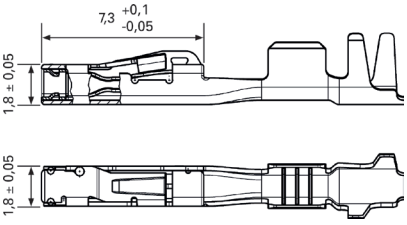


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
1,2	0,6	0,75 to 1	10000	**50253498088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942167**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	1	**95945400**

Crimp Connector

Manufacturer Restriction:	KOSTAL MLK 1,2Sm ELA
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	24 A
Current rating at 80°C:	19 A
Insertion/ extraction force:	2,5 +- 1,0 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Au (Copper-Beryllium/ Gold)
Surface:	Gold-plated
Temperature range:	to 170 °C
Active contact zones:	4

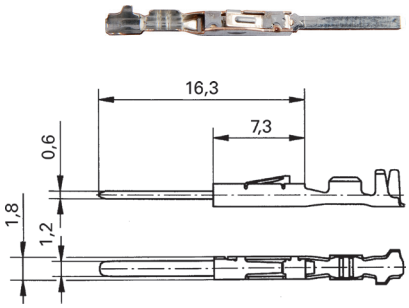


Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
1,2	0,6	ELA	0,35	7500	**50253395088**
			0,5 to 0,75	7500	**50253490088**
			0,75 to 1	7500	**50253468088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942171**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 161	1	**95945400**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		Page 71	1	**50282028**

Crimp Connector

Manufacturer Restriction: KOSTAL MLK 1,2
Plug Type: Blade Terminal
Current rating at 20°C: 17 A
Current rating at 80°C: 14 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C

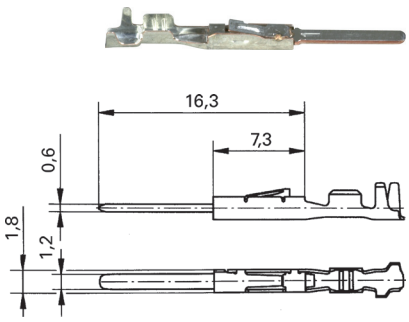


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
1,2	0,6	0,35 to 0,5	50	**50253360**
			12000	**50253360088**
		0,5 to 0,75	10000	**50253367088**
		0,75 to 1	50	**50253387**
			10000	**50253387088**
		1,5	8000	**50253990088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942167**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 160	1	**95945403**

Crimp Connector

Manufacturer Restriction: KOSTAL MLK 1,2
Plug Type: Blade Terminal
Current rating at 20°C: 19 A
Current rating at 80°C: 16 A
Base body material: CuBe/Sn (copper-beryllium/tin)
Surface: Silver-plated
Temperature range: to 170 °C

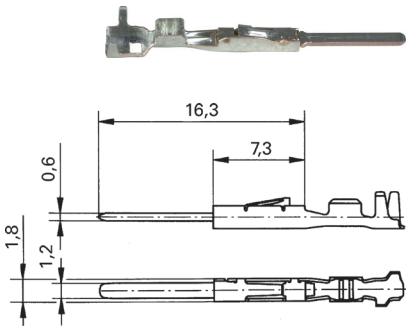


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
1,2	0,6	0,35	50	**50253369**
			12000	**50253369088**
		0,5 to 0,75	50	**50253496**
			10000	**50253496088**
		0,75 to 1	50	**50253392**
			10000	**50253392088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942167**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 160	1	**95945403**

Crimp Connector

Manufacturer Restriction: KOSTAL MLK 1,2 ELA-U
Plug Type: Blade Terminal
Current rating at 20°C: 17 A
Current rating at 80°C: 14 A
Base body material: CuBe/Sn (copper-beryllium/ tin)
Surface: Tin-plated
Temperature range: to 150 °C

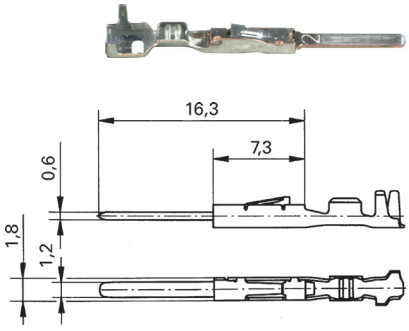


Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
1,2	0,6	ELA	0,1 to 0,25	50	**50253466**
				8000	**50253466088**
			0,35	50	**50253389**
				8000	**50253389088**
			0,5 to 0,75	50	**50253486**
				8000	**50253486088**
			0,75 to 1	50	**50253378**
				8000	**50253378088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942171**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 160	1	**95945403**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		Page 71	1	**50282028**

Crimp Connector

Manufacturer Restriction: KOSTAL MLK 1,2 ELA-U
Plug Type: Blade Terminal
Current rating at 20°C: 19 A
Current rating at 80°C: 16 A
Base body material: CuBe/Sn (copper-beryllium/ tin)
Surface: Silver-plated
Temperature range: to 170 °C

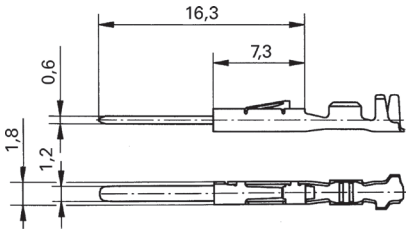


Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
1,2	0,6	ELA	0,17 to 0,25	50	**50253459**
				8000	**50253459088**
			0,35 to 0,5	50	**50253386**
				8000	**50253386088**
			0,5 to 0,75	50	**50253394**
				1000	**50253394099**
				8000	**50253394088**
			0,75 to 1	50	**50253377**
				8000	**50253377088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942171**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 160	1	**95945403**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		Page 71	1	**50282028**

Crimp Connector

Manufacturer Restriction: KOSTAL MLK 1,2 ELA-U
Plug Type: Blade Terminal
Current rating at 20°C: 24 A
Current rating at 80°C: 19 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Gold-plated
Temperature range: to 170 °C



Socket Width mm	Socket Height mm	Cross section mm²	only with	DU	Article no.
1,2	0,6	0,35	ELA	8000	**50253457088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 175	1	**95942171**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL MLK 1,2)		Page 160	1	**95945403**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	0,22 to 1	Page 71	1	**50282021**

KOSTAL SLK 2,8

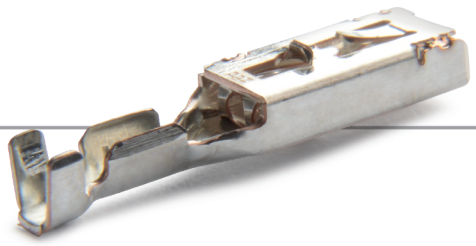
» SLK 2.8 CONTACT FAMILY

Sensor lamella contact

With the SLK 2.8 contact family, KOSTAL offers a connector system that is oriented towards the customary blade width of 2.8 mm, yet redefines this in terms of performance. This connector system is also characterised by its two-part construction. The robust body and spot-welded copper-beryllium lamella facilitate the highest performance while maintaining the lowest contact resistance. The high conductivity and reliability of this contact are achieved through the use of eight active contact zones. This ingenious construction has a similarly positive effect on the number of mating cycles.

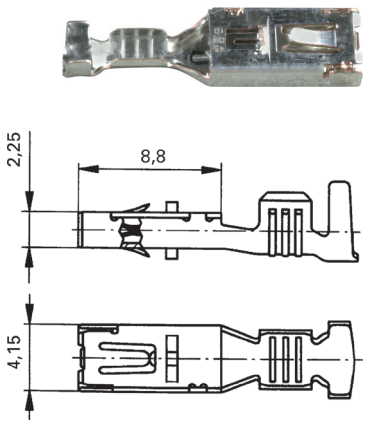
All of the contacts in the SLK 2.8 family have finished surfaces and are available with tin-plated and silver-plated surfaces as standard. These properties make the contact very versatile, meaning it can be used for high-density control unit contacting systems and applications in the vehicle's interior, but also more importantly in engine wiring applications where there are high thermal and mechanical specifications to be met.

Surface	Tin	Silver
Current-carrying capacity	45 A at 20 °C 33 A at 80 °C	48 A at 20 °C 37 A at 80 °C
Min. grid/footprint	5.0 x 4.5 mm without ELA 5.0 x 5.5 mm with ELA	5.0 x 4.5 mm without ELA 5.0 x 5.5 mm with ELA
Matching plug	2.8 x 0.8 mm	2.8 x 0.8 mm
Wire size range	0.25 – 4 mm²	0.25 – 4 mm²
Permissible overall temperature	150 °C	170 °C
Number of mating cycles	20	100
Contact retention force	≥ 80 N	≥ 80 N



Crimp Connector

Manufacturer Restriction: KOSTAL SLK 2,8
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 45 A
Current rating at 80°C: 33 A
Insertion/extraction force: 6 +- 2 N
Base body material: CuSn/Sn (copper-tin/tin)
Lining disc material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C
Active contact zones: 8

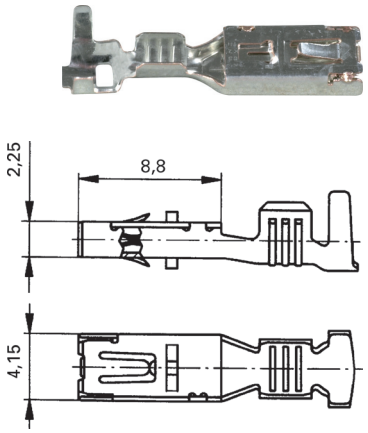


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
2,8	0,8	0,22 to 0,35	50	**50253224**
			5500	**50253224088**
		0,5 to 0,75	50	**50253225**
			4500	**50253225088**
		1	50	**50253845**
			4500	**50253845088**
		1,5 to 2,5	50	**50253226**
			4000	**50253226088**
		4	50	**50253227**
			3500	**50253227088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 2,8 | KOSTAL SLK 2,8 ELA)	4	Page 177	50253227 50253227088	1	**95942169**
Crimping Pliers Insert (KOSTAL SLK 2,8)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 177	50253224 50253224088 50253225 50253225088 50253226 50253226088 50253845088 50253845	1	**95942170**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 2,8)		Page 161		1	**95945402**

Crimp Connector

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 45 A
Current rating at 80°C: 33 A
Insertion/extraction force: 6 +- 2 N
Base body material: CuSn/Sn (copper-tin/tin)
Lining disc material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C
Active contact zones: 8

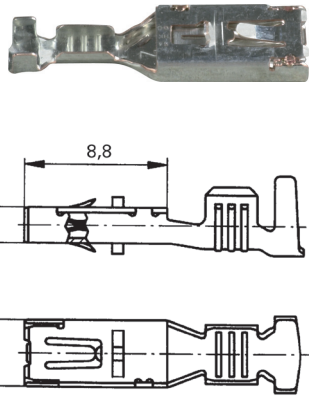


Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
2,8	0,8	ELA	0,22 to 0,35	50	**50253228**
				4000	**50253228088**
			0,5 to 0,75	50	**50253229**
				4000	**50253229088**
			1 NEW	4000	**50253500088**
			1,5 to 2,5	50	**50253230**
				4000	**50253230088**
			4	50	**50253344**
				1500	**50253344088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 2,8 | KOSTAL SLK 2,8 ELA)	4	Page 177	50253344 50253344088	1	**95942169**
Crimping Pliers Insert (KOSTAL SLK 2,8 ELA)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 178	50253228 50253228088 50253229 50253229088 50253230 50253230088 50253500088	1	**95942172**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 2,8)		Page 161		1	**95945402**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)	0,22 to 1	Page 71	50253228 50253228088 50253229 50253229088 50253500088	1	**50282022**
	1,5 to 2,5	Page 71	50253230 50253230088	1	**50282023**
Sealing-/Protection Plugs ELA (KOSTAL ELA 8,5)	4	Page 71	50253344 50253344088	100	**50282029**

Crimp Connector

Manufacturer Restriction:	KOSTAL SLK 2,8
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	48 A
Current rating at 80°C:	37 A
Insertion/ extraction force:	6 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	8

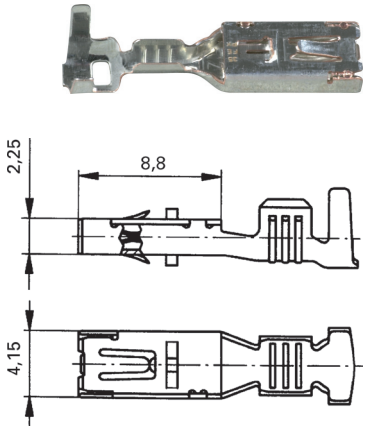


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
2,8	0,8	0,22 to 0,35	50	**50253232**
			5500	**50253232088**
		0,5 to 0,75	50	**50253233**
			4500	**50253233088**
		1	4500	**50253844088**
		1,5 to 2,5	50	**50253234**
			4000	**50253234088**
		4	50	**50253235**
			3500	**50253235088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 2,8 | KOSTAL SLK 2,8 ELA)	4	Page 177	50253235 50253235088	1	**95942169**
Crimping Pliers Insert (KOSTAL SLK 2,8)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 177	50253232 50253232088 50253233 50253233088 50253234 50253234088 50253844088	1	**95942170**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 2,8)		Page 161		1	**95945402**

Crimp Connector

Manufacturer Restriction:	KOSTAL SLK 2,8 ELA
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	48 A
Current rating at 80°C:	37 A
Insertion/ extraction force:	6 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	8

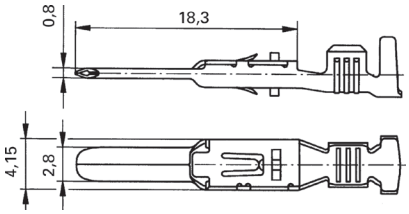


Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
2,8	0,8	ELA	0,22 to 0,35	50	**50253236**
				4000	**50253236088**
			0,5 to 0,75	50	**50253237**
				1000	**50253237099**
				4000	**50253237088**
			1	50	**50253611**
				NEW 4000	**50253611088**
			1,5 to 2,5	50	**50253238**
				1000	**50253238099**
				4000	**50253238088**
			4	50	**50253339**
				1500	**50253339088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 2,8 | KOSTAL SLK 2,8 ELA)	4	Page 177	50253339 50253339088	1	**95942169**
Crimping Pliers Insert (KOSTAL SLK 2,8 ELA)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 178	50253236 50253236088 50253237 50253237088 50253238 50253238088 50253237099 50253238099 50253611088 50253611	1	**95942172**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 2,8)		Page 161		1	**95945402**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)	0,22 to 1	Page 71	50253236 50253236088 50253237 50253237088 50253237099 50253611088 50253611	1	**50282022**
	1,5 to 2,5	Page 71	50253238 50253238088 50253238099	1	**50282023**
Sealing-/Protection Plugs ELA (KOSTAL ELA 8,5)	4	Page 71	50253339 50253339088	100	**50282029**

Crimp Connector

Manufacturer Restriction: KOSTAL SLK 2,8
Plug Type: Blade Terminal
Current rating at 20°C: 45 A
Current rating at 80°C: 33 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C

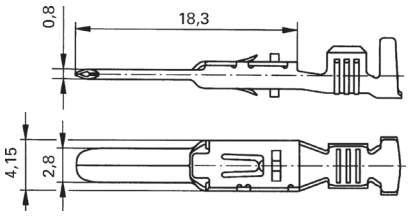


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
2,8	0,8	0,22 to 0,35	50	**50253240**
			5500	**50253240088**
		0,5 to 0,75	50	**50253241**
			5000	**50253241088**
		1	5000	**50253840088**
		1,5 to 2,5	50	**50253242**
			4000	**50253242088**
		4	50	**50253243**
			2400	**50253243088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 2,8 | KOSTAL SLK 2,8 ELA)	4	Page 177	50253243 50253243088	1	**95942169**
Crimping Pliers Insert (KOSTAL SLK 2,8)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 177	50253240 50253240088 50253241 50253241088 50253242 50253242088 50253840088	1	**95942170**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 2,8)		Page 161		1	**95945402**

Crimp Connector

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Plug Type: Blade Terminal
Current rating at 20°C: 45 A
Current rating at 80°C: 33 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C

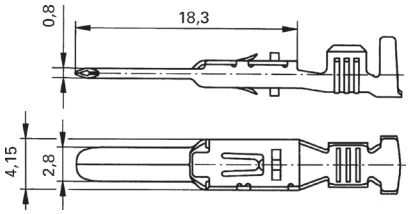


Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
2,8	0,8	ELA	0,22 to 0,35	50	**50253366**
				4500	**50253366088**
			0,5 to 0,75	50	**50253245**
				4500	**50253245088**
			1	4500	**50253842088**
			1,5 to 2,5	50	**50253246**
				4500	**50253246088**
			4	50	**50253247**
				1500	**50253247088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 2,8 | KOSTAL SLK 2,8 ELA)	4	Page 177	50253247 50253247088	1	**95942169**
Crimping Pliers Insert (KOSTAL SLK 2,8 ELA)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 178	50253245 50253245088 50253246 50253246088 50253366 50253366088 50253842088	1	**95942172**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 2,8)		Page 161		1	**95945402**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)	0,22 to 1	Page 71	50253245 50253245088 50253366 50253366088 50253842088	1	**50282022**
	1,5 to 2,5	Page 71	50253246 50253246088	1	**50282023**
Sealing-/Protection Plugs ELA (KOSTAL ELA 8,5)	4	Page 71	50253247 50253247088	100	**50282029**

Crimp Connector

Manufacturer Restriction: KOSTAL SLK 2,8
Plug Type: Blade Terminal
Current rating at 20°C: 48 A
Current rating at 80°C: 37 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Silver-plated
Temperature range: to 170 °C

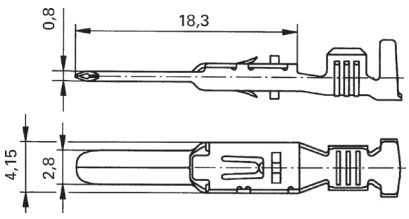


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
2,8	0,8	0,22 to 0,35	50	**50253248**
			5500	**50253248088**
		0,5 to 0,75	50	**50253249**
			5000	**50253249088**
		1	5000	**50253841088**
		1,5 to 2,5	50	**50253250**
			4000	**50253250088**
		4	50	**50253251**
			2400	**50253251088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 2,8 | KOSTAL SLK 2,8 ELA)	4	Page 177	50253251 50253251088	1	**95942169**
Crimping Pliers Insert (KOSTAL SLK 2,8)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 177	50253248 50253248088 50253249 50253249088 50253250 50253250088 50253841088	1	**95942170**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 2,8)		Page 161		1	**95945402**

Crimp Connector

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Plug Type: Blade Terminal
Current rating at 20°C: 48 A
Current rating at 80°C: 37 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Silver-plated
Temperature range: to 170 °C



Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
2,8	0,8	ELA	0,22 to 0,35	50	**50253252**
				4500	**50253252088**
			0,5 to 0,75	50	**50253253**
				4500	**50253253088**
			1	4500	**50253843088**
			1,5 to 2,5 NEW	50	**50253254**
				4500	**50253254088**
			4	50	**50253255**
				1500	**50253255088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 2,8 | KOSTAL SLK 2,8 ELA)	4	Page 177	50253255 50253255088	1	**95942169**
Crimping Pliers Insert (KOSTAL SLK 2,8 ELA)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 178	50253252 50253252088 50253253 50253253088 50253254 50253254088 50253843088	1	**95942172**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 2,8)		Page 161		1	**95945402**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)	0,22 to 1	Page 71	50253252 50253252088 50253253 50253253088 50253843088	1	**50282022**
	1,5 to 2,5	Page 71	50253254 50253254088	1	**50282023**
Sealing-/Protection Plugs ELA (KOSTAL ELA 8,5)	4	Page 71	50253255 50253255088	100	**50282029**

KOSTAL SLK 5,8

» SLK 5.8 CONTACT FAMILY

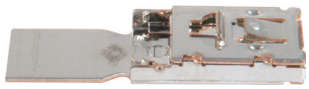
Sensor lamella contact

The SLK 5.8 contact family comprises a high-performance contact that is unparalleled in terms of size and conductivity. The two-part construction is featured here as well. The robust body and spot-welded copper-beryllium lamella facilitate the highest performance while maintaining the lowest contact resistance. The high conductivity and reliability of this contact are achieved through the use of eight active contact zones. This ingenious construction has a similarly positive effect on the number of mating cycles. All of the contacts in the SLK 5.8 family have finished surfaces and are available with tin-plated and silver-plated surfaces as standard. These properties make the contact suitable for applications where high conductivity is required in areas with little installation space.

Surface	Tin	Silver
Current-carrying capacity	63 A at 20 °C 46 A at 80 °C	68 A at 20 °C 53 A at 80 °C
Min. grid/footprint	8 x 6 mm without ELA 9.5 x 9.5 mm with ELA	8 x 6 mm without ELA 9.5 x 9.5 mm with ELA
Matching plug	4.6 – 5.8 x 0.6 – 0.8 mm	4.6 – 5.8 x 0.6 – 0.8 mm
Wire size range	1.5 – 6 mm² 15 – 9 AWG	1.5 – 6 mm² 15 – 9 AWG
Permissible overall temperature	150 °C	170 °C
Number of mating cycles	10	100
Contact retention force	≥ 90 N	≥ 90 N

Crimp Connector

Manufacturer Restriction:	KOSTAL SLK 5,8 LL
Plug Type:	Blade Terminal Sleeve
Insertion/ extraction force:	8 +- 2 N
Base body material:	CuSn (copper-tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	8

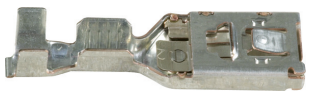


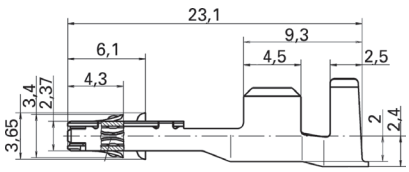
Socket Width mm	Socket Height mm	DU	Article no.
5,8	0,8	4000	**50253361088**

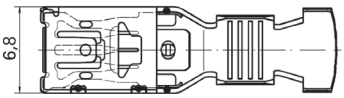
Accessories	see	DU	
Release Tool, flat-/round plug (KOSTAL SLK 5,8)	Page 162	1	**95945428**

Crimp Connector

Manufacturer Restriction:	KOSTAL SLK 5,8
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	63 A
Current rating at 80°C:	46 A
Insertion/ extraction force:	8 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	8





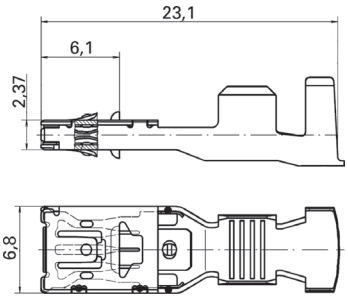


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
5,8	0,8	1,5 to 2,5	50	**50253453**
			3000	**50253453088**
		4 to 6	50	**50253455**
			2000	**50253455088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 5,8)	1,5 2,5	Page 178	50253453 50253453088	1	**95942184**
	4 6	Page 178	50253455 50253455088	1	**95942176**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 5,8)		Page 162		1	**95945428**

Crimp Connector

Manufacturer Restriction:	KOSTAL SLK 5,8 ELA-U
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	63 A
Current rating at 80°C:	46 A
Insertion/ extraction force:	8 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	8

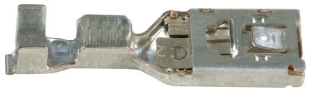


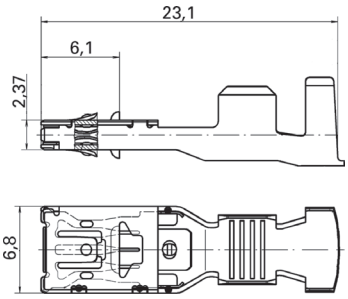
Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
5,8	0,8	ELA	1,5 to 2,5	50	**50253449**
			4 to 6	50	**50253451**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 5,8 ELA)	1,5 2,5	Page 179	50253449	1	**95942183**
	4 6	Page 178	50253451	1	**95942174**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 5,8)		Page 162		1	**95945428**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)	1,5 to 2,5	Page 71	50253449	10000	**50282063**
	4 to 6	Page 71	50253451	1	**50282064**

Crimp Connector

Manufacturer Restriction:	KOSTAL SLK 5,8
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	68 A
Current rating at 80°C:	53 A
Insertion/ extraction force:	8 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	8



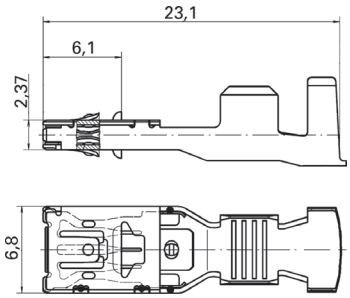


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
5,8	0,8	1,5 to 2,5	50	**50253452**
		4 to 6	2000	**50253454088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 5,8)	1,5 2,5	Page 178	50253452	1	**95942184**
	4 6	Page 178	50253454088	1	**95942176**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 5,8)		Page 162		1	**95945428**

Crimp Connector

Manufacturer Restriction:	KOSTAL SLK 5,8 ELA-U
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	68 A
Current rating at 80°C:	53 A
Insertion/ extraction force:	8 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	8



Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
5,8	0,8	ELA	1,5 to 2,5	50	**50253448**
				1500	**50253448088**
			4 to 6	50	**50253450**
				1500	**50253450088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 5,8 ELA)	1,5 2,5	Page 179	50253448 50253448088	1	**95942183**
	4 6	Page 178	50253450 50253450088	1	**95942174**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 5,8)		Page 162		1	**95945428**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)	1,5 to 2,5	Page 71	50253448 50253448088	10000	**50282063**
	4 to 6	Page 71	50253450 50253450088	1	**50282064**

Crimp Connector

Manufacturer Restriction:	KOSTAL SLK 5,8
Plug Type:	Blade Terminal
Current rating at 20°C:	68 A
Current rating at 80°C:	53 A
Base body material:	CuSn/Ag (copper-tin/silver)
Surface:	Silver-plated
Temperature range:	to 170 °C

Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
5,8	0,8	1,5 to 2,5	3000	**50253416088**
		4 to 6	2000	**50253417088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL SLK 5,8 ELA)	1,5 2,5	Page 179	1	**95942183**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 5,8)		Page 162	1	**95945428**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)	1,5 to 2,5	Page 71	10000	**50282063**

Crimp Connector

Manufacturer Restriction:	KOSTAL SLK 5,8 ELA-U
Plug Type:	Blade Terminal
Current rating at 20°C:	68 A
Current rating at 80°C:	53 A
Base body material:	CuSn/Ag (copper-tin/silver)
Surface:	Silver-plated
Temperature range:	to 170 °C

Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
5,8	0,8	ELA	1,5 to 2,5	1500	**50253485088**
			4 to 6	1500	**50253415088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL SLK 5,8 ELA)	1,5 2,5	Page 179	1	**95942183**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL SLK 5,8)		Page 162	1	**95945428**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)	1,5 to 2,5	Page 71	10000	**50282063**

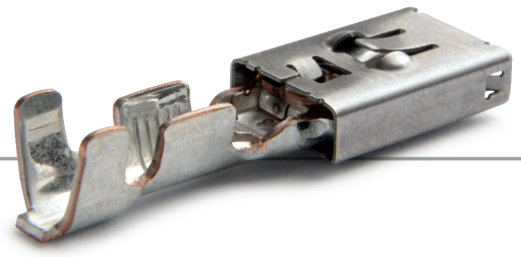
KOSTAL LSK 8

» LSK 8 CONTACT FAMILY

Load current contact

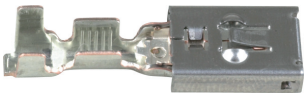
The LSK 8 contact family comprises a high-performance contact that is unparalleled in terms of size and conductivity. This contact is distinguished by its three-part construction. The robust base body and the spot-welded copper-beryllium lamella are additionally enclosed in a housing with a spring clip. This construction enables the highest performance to be achieved with the lowest contact resistance. The high conductivity and reliability of this contact are achieved through the use of 14 active contact zones. This ingenious construction has a similarly positive effect on the number of mating cycles and the resistance to vibration and temperature. These characteristics make the contact ideal for applications which require the highest levels of conductivity and reliability.

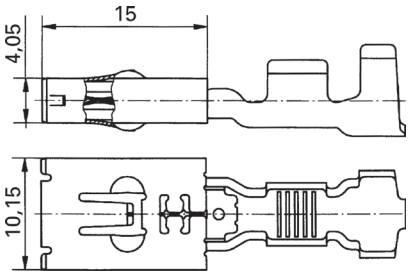
Surface	Silver
Current-carrying capacity	135 A at 20 °C 105 A at 80 °C
Min. grid/footprint	12 x 10 mm without ELA 13 x 11.5 mm with ELA
Matching plug	6.3 x 0.8 mm 8.0 x 0.8 mm
Wire size range	2.5 – 10 mm² without ELA 4 – 16 mm² with ELA
Permissible overall temperature	170 °C
Number of mating cycles	50
Contact retention force	≥ 200 N



Crimp Connector

Manufacturer Restriction:	KOSTAL LSK 8
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	100 A
Current rating at 80°C:	80 A
Insertion/ extraction force:	10 +- 3 N
Base body material:	CuNiSi/Sn (copper-nickel-silicon/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	14



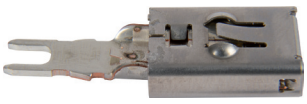


Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
6,3	0,8	2,5 to 4	50	**50253264**
			950	**50253264088**
		4 to 6	50	**50253259**
			950	**50253259088**
		6 to 10	50	**50253260**
			800	**50253260088**

Accessories	Cross section mm²	see	only for	DU	
Adapter, crimping pliers CrimPro 40		Page 183		1	**95942407**
Crimping Pliers Insert (KOSTAL LSK 8)	2,5 to 4	Page 183	50253264 50253264088	1	**95942417**
	6	Page 184	50253259 50253259088 50253260 50253260088	1	**95942420**
	8 to 10	Page 184	50253260 50253260088	1	**95942421**
Crimping Pliers CrimPro 40		Page 182		1	**95942405**
Release Tool, flat-/round plug (KOSTAL LSK 8)		Page 162		1	**95945386**

Soldered Connector

Manufacturer Restriction:	KOSTAL LSK 8 LL
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	100 A
Current rating at 80°C:	80 A
Base body material:	CuNiSi/Sn (copper-nickel-silicon/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	14

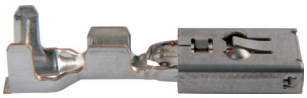


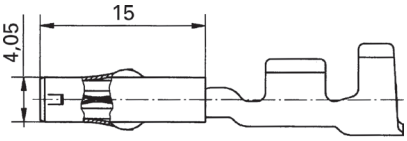
Socket Width mm	Socket Height mm	DU	Article no.
6,3	0,8	2000	**50253337088**

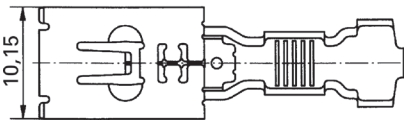
Accessories	see	DU	
Release Tool, flat-/round plug (KOSTAL LSK 8)	Page 162	1	**95945386**

Crimp Connector

Manufacturer Restriction:	KOSTAL LSK 8 ELA
Plug Type:	Blade Terminal Sleeve
Current rating at 20°C:	135 A
Current rating at 80°C:	105 A
Insertion/ extraction force:	10 +- 3 N
Base body material:	CuNiSi/Sn (copper-nickel-silicon/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	14





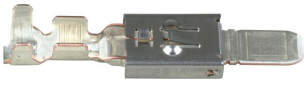


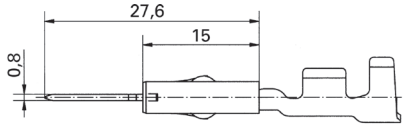
Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
6,3	0,8	ELA	2,5 to 4	50	**50253495**
				800	**50253495088**
			4 to 6	50	**50253261**
				800	**50253261088**
			8 to 12	50	**50253336**
				750	**50253336088**

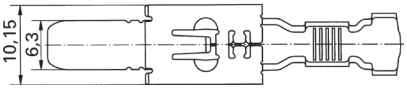
Accessories	Cross section mm²	see	only for	DU	
Adapter, crimping pliers CrimPro 40		Page 183		1	**95942407**
Crimping Pliers Insert (KOSTAL LSK 8 ELA)	12	Page 184	50253336 50253336088	1	**95942423**
	2,5 to 4	Page 183	50253495088 50253495	1	**95942418**
	4 to 6	Page 183	50253261 50253261088	1	**95942419**
	8 to 10	Page 184	50253336 50253336088	1	**95942422**
Crimping Pliers CrimPro 40		Page 182		1	**95942405**
Release Tool, flat-/round plug (KOSTAL LSK 8)		Page 162		1	**95945386**
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)	4 to 6	Page 71	50253261 50253261088 50253495088 50253495	50	**50282026**
	6 to 12	Page 71	50253261 50253261088 50253336 50253336088	50	**50282027**

Crimp Connector

Manufacturer Restriction:	KOSTAL LSK 8
Plug Type:	Blade Terminal
Current rating at 20°C:	135 A
Current rating at 80°C:	105 A
Base body material:	CuNiSi/Sn (copper-nickel-silicon/tin)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	14





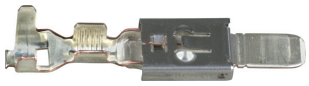


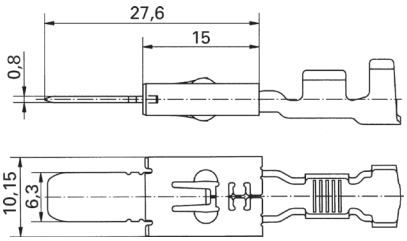
Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
6,3	0,8	4 to 6	50	**50253265**
			1000	**50253265088**
		6 to 10	50	**50253266**
			850	**50253266088**

Accessories	Cross section mm²	see	only for	DU	
Adapter, crimping pliers CrimPro 40		Page 183		1	**95942407**
Crimping Pliers Insert (KOSTAL LSK 8)	6	Page 184		1	**95942420**
	8 to 10	Page 184	50253266 50253266088	1	**95942421**
Crimping Pliers CrimPro 40		Page 182		1	**95942405**
Release Tool, flat-/round plug (KOSTAL LSK 8)		Page 162		1	**95945386**

Crimp Connector

Manufacturer Restriction:	KOSTAL LSK 8 ELA
Plug Type:	Blade Terminal
Current rating at 20°C:	135 A
Current rating at 80°C:	105 A
Base body material:	CuNiSi/Sn (copper-nickel-silicon/tin)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	14





Socket Width mm	Socket Height mm	only with	Cross section mm²	DU	Article no.
6,3	0,8	ELA	4 to 6	50	**50253267**
				800	**50253267088**
			8 to 12	50	**50253341**
				800	**50253341088**

Accessories	Cross section mm²	see	only for	DU	
Adapter, crimping pliers CrimPro 40		Page 183		1	**95942407**
Crimping Pliers Insert (KOSTAL LSK 8 ELA)	12	Page 184	50253341 50253341088	1	**95942423**
	4 to 6	Page 183	50253267 50253267088	1	**95942419**
	8 to 10	Page 184	50253341 50253341088	1	**95942422**
Crimping Pliers CrimPro 40		Page 182		1	**95942405**
Release Tool, flat-/round plug (KOSTAL LSK 8)		Page 162		1	**95945386**
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)	4 to 6	Page 71	50253267 50253267088	50	**50282026**
	6 to 12	Page 71		50	**50282027**

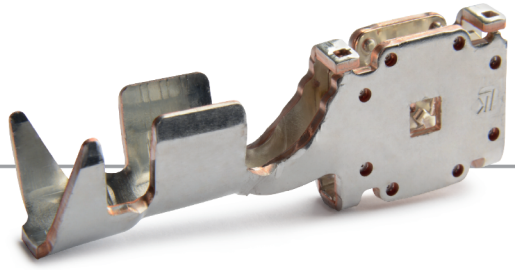
KOSTAL PLK 14,5

» PLK 14.5 CONTACT FAMILY

Power lamella contact

KOSTAL defines the basis for its KHV 600 connector system with the PLK 14.5. Thanks to its ingenious shape, this contact is pluggable from three sides and is therefore extremely versatile, in addition to offering significant advantages in terms of installation space. This contact is not only used in high-voltage applications, however. It is the perfect choice for any scenario where the highest requirements in terms of conductivity, reliability and resistance to vibration and temperature need to be fulfilled. A robust base body and two riveted lamellae are used in this contact. This construction enables the highest performance to be achieved with the lowest contact resistance. The high conductivity and reliability of this contact are achieved through the use of 24 active contact zones. This ingenious construction has a similarly positive effect on the number of mating cycles. These properties make the contact suitable for high-voltage automotive applications, contacting systems for batteries and power cells, in addition to industrial applications where high currents need to be transported.

Surface	Silver
Current-carrying capacity	320 A at 20 °C 250 A at 80 °C
Min. grid/footprint	20.5 x 18.5 mm without ELA 23.0 x 23.0 mm with ELA
Suitable for plug	14.5 x 1.8 mm
Wire size range	12 – 50 mm² 6 – 0 AWG
Permissible overall temperature	170 °C
Number of mating cycles	20
Contact retention force	≥ 200 N

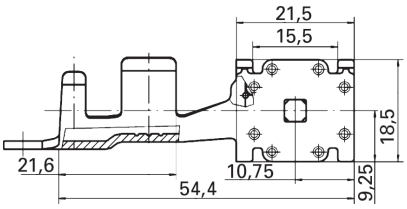


Crimp Connector

Manufacturer Restriction: KOSTAL PLK 14,5
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 320 A

Current rating at 80°C: 250 A

Insertion/extraction force: 24,0 +- 8,0 N
Base body material: CuSn (copper-tin)
Lining disc material: Cu/Ag (copper/silver)
Surface: Silver-plated
Temperature range: to 170 °C
Active contact zones: 24
Info: with insulation crimp



Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
14,5	1,8	12 to 16	10	**50253505**
		16 to 25	10	**50253506**
			300	**50253506099**
		25 to 35	10	**50253507**
		35 to 50	10	**50253996**

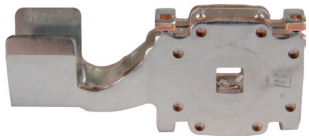
Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL PLK 14,5)	14 to 15	Page 186	50253505	1	**95942451**
	20	Page 186	50253506 50253506099	1	**95942453**
	25	Page 187	50253506 50253507 50253506099	1	**95942454**
	35	Page 187	50253507	1	**95942455**
	50	Page 188	50253996	1	**95942992**
Crimping Pliers CrimPro HV	0,5 to 300	Page 185		1	**95942951**

Crimp Connector

Manufacturer Restriction: KOSTAL PLK 14,5
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 320 A

Current rating at 80°C: 250 A

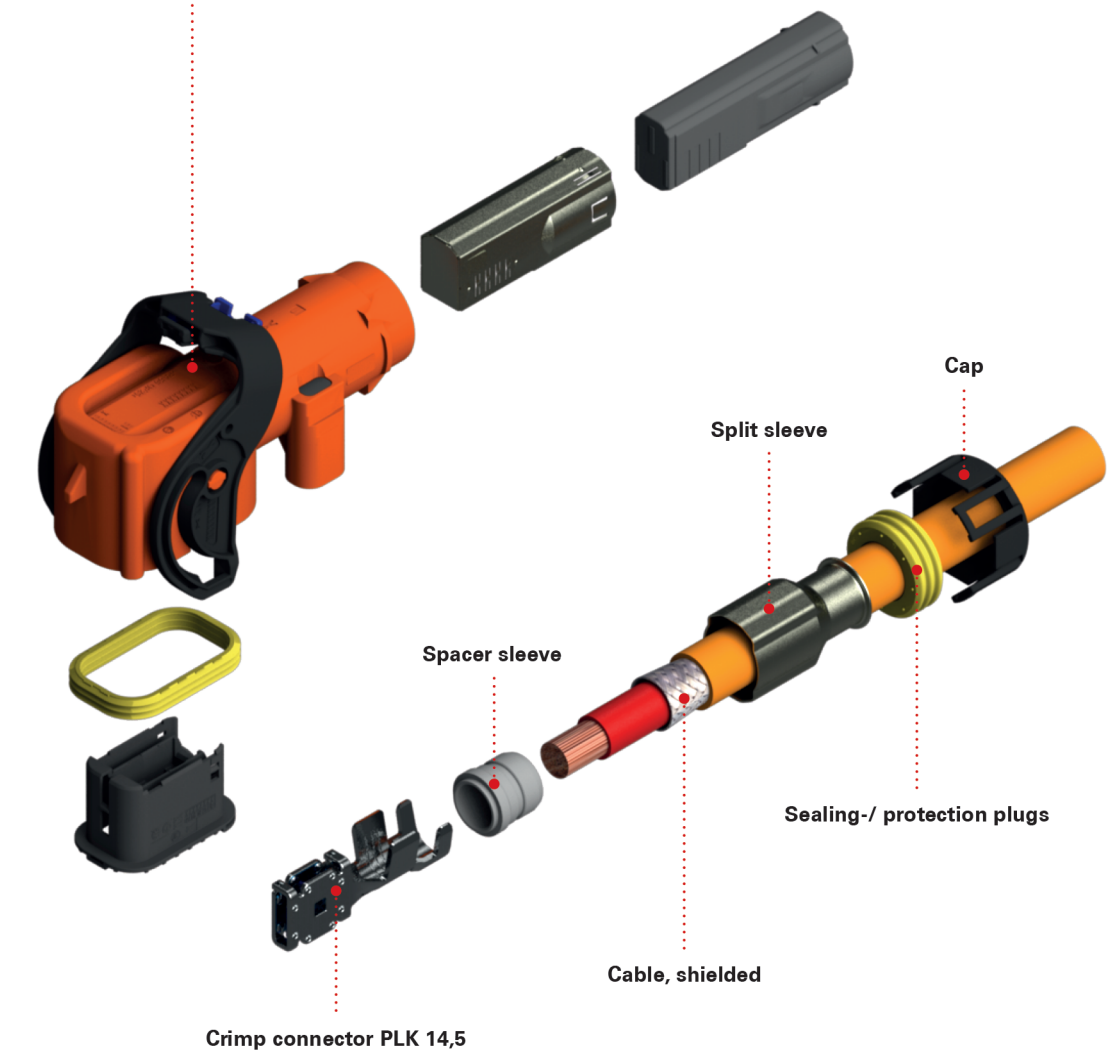
Insertion/extraction force: 24,0 + -8,0 N
Base body material: CuSn (copper-tin)
Lining disc material: Cu/Ag (copper/silver)
Surface: Silver-plated
Temperature range: to 170 °C
Active contact zones: 24
Info: ohne Isolationscrimp



Socket Width mm	Socket Height mm	Cross section mm²	DU	Article no.
14,5	1,8	12 to 16	300	**50253519**
		16 to 25	300	**50253513**

» SCHEMATIC DIAGRAM

Shielded cable set for 1- to 4-pin receptacle



Contact Sleeve

Crimp Contact

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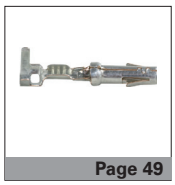
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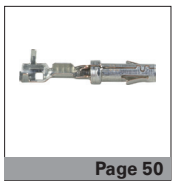
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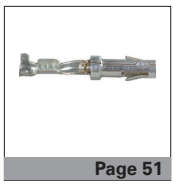
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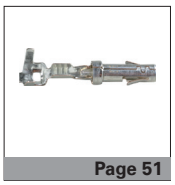
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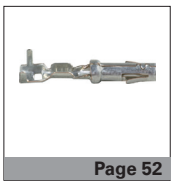
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KOSTAL LKS 1,5

» LKS 1.5 CONTACT FAMILY

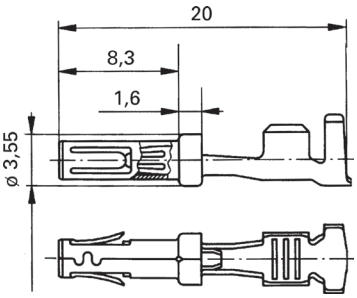
Lamella contact system

With the LKS 1.5 contact family, KOSTAL has developed a round contact that features a two-part construction despite its compact shape. The lamella inside the contact features six active contact zones which ensure a high conductivity and the utmost reliability. The LKS 1.5 connector sleeve is suitable for connecting to a round plug with a diameter of 1.5 mm. The special characteristics of this connector sleeve make it suitable for a wide range of applications. Among other things, it is used for contacting in transmission applications.

Surface	Tin	Silver
Current-carrying capacity	36 A at 20 °C 27 A at 80 °C	38 A at 20 °C 30 A at 80 °C
Min. grid/footprint	4.5 x 4 mm without ELA 6 x 5.2 mm with ELA	4.5 x 4 mm without ELA 6 x 5.2 mm with ELA
Matching plug	Ø 1.5 mm	Ø 1.5 mm
Wire size range	0.25 – 2.5 mm² 24 – 13 AWG	0.25 – 2.5 mm² 24 – 13 AWG
Permissible overall temperature	150 °C	170 °C
Number of mating cycles	20	50
Contact retention force	≥ 80 N	≥ 80 N

Contact Sleeve

Manufacturer Restriction:	KOSTAL LKS 1,5
Plug Type:	Crimp Contact
Current rating at 20°C:	36 A
Current rating at 80°C:	27 A
Insertion/ extraction force:	6 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	6

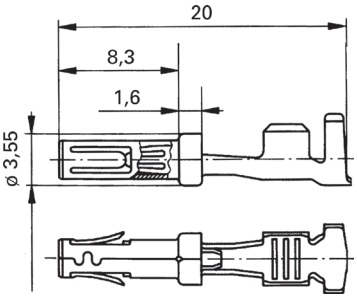


Diameter mm	Cross section mm²	DU	Article no.
1,5	0,25 to 0,5	50	**50253268**
		4000	**50253268088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5)	1,5 2,5 0,25 to 0,5 0,75 to 1	Page 174	1	**95942180**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164	1	**95945355**

Contact Sleeve

Manufacturer Restriction:	KOSTAL LKS 1,5 ELA
Plug Type:	Crimp Contact
Current rating at 20°C:	36 A
Current rating at 80°C:	27 A
Insertion/ extraction force:	6 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	6

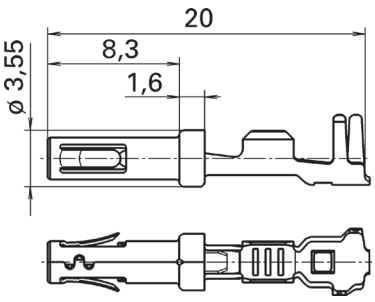


Diameter mm	only with	Cross section mm²	DU	Article no.
1,5	ELA	0,25 to 0,5	50	**50253273**
			4000	**50253273088**
		0,5 to 1	50	**50253274**
			4000	**50253274088**
		1 to 2,5	50	**50253275**
			4000	**50253275088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 174		1	**95942173**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164		1	**95945355**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)	0,22 to 1	Page 71	50253273 50253273088 50253274 50253274088	1	**50282022**
	1,5 to 2,5	Page 71	50253275 50253275088	1	**50282023**

Contact Sleeve

Manufacturer Restriction:	KOSTAL LKS 1,5 ELA-U
Plug Type:	Crimp Contact
Current rating at 20°C:	36 A
Current rating at 80°C:	27 A
Insertion/ extraction force:	6 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Sn (copper-beryllium/ tin)
Surface:	Tin-plated
Temperature range:	to 150 °C
Active contact zones:	6
Info:	with wrap-over crimp

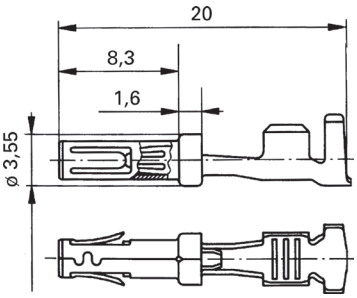


Diameter mm	only with	Cross section mm²	DU	Article no.
1,5	ELA	0,25 to 0,5	50	**50253271**
			4000	**50253271088**
		0,5 to 1	50	**50253272**
			4000	**50253272088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)	0,22 to 0,5 0,75 to 1	Page 174	1	**95942168**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164	1	**95945355**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)	0,22 to 1	Page 71	1	**50282028**

Contact Sleeve

Manufacturer Restriction:	KOSTAL LKS 1,5
Plug Type:	Crimp Contact
Current rating at 20°C:	38 A
Current rating at 80°C:	30 A
Insertion/ extraction force:	6 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	6

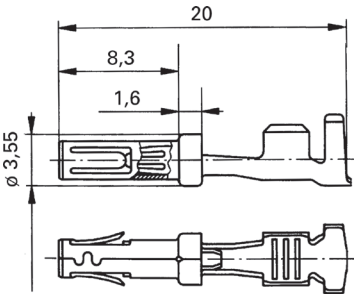


Diameter mm	Cross section mm²	DU	Article no.
1,5	0,25 to 0,5	50	**50253276**
		4000	**50253276088**
	0,5 to 1	50	**50253277**
		4000	**50253277088**
	1 to 2,5	50	**50253278**
		4000	**50253278088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5)	1,5 2,5 0,25 to 0,5 0,75 to 1	Page 174	1	**95942180**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164	1	**95945355**

Contact Sleeve

Manufacturer Restriction:	KOSTAL LKS 1,5 ELA
Plug Type:	Crimp Contact
Current rating at 20°C:	38 A
Current rating at 80°C:	30 A
Insertion/ extraction force:	6 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	6

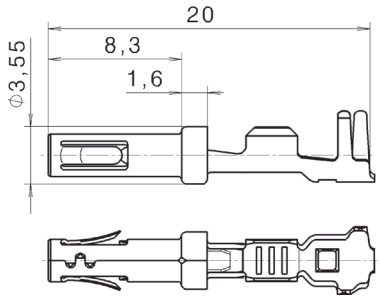


Diameter mm	only with	Cross section mm²	DU	Article no.
1,5	ELA	0,25 to 0,5	50	**50253281**
			4000	**50253281088**
		0,5 to 1	50	**50253282**
			4000	**50253282088**
		1 to 2,5	50	**50253283**
			4000	**50253283088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 174		1	**95942173**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164		1	**95945355**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)	0,22 to 1	Page 71	50253281 50253281088 50253282 50253282088	1	**50282022**
	1,5 to 2,5	Page 71	50253283 50253283088	1	**50282023**

Contact Sleeve

Manufacturer Restriction:	KOSTAL LKS 1,5 ELA-U
Plug Type:	Crimp Contact
Current rating at 20°C:	38 A
Current rating at 80°C:	30 A
Insertion/ extraction force:	6 +- 2 N
Base body material:	CuSn/Sn (copper-tin/tin)
Lining disc material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 170 °C
Active contact zones:	6
Info:	with wrap-over crimp

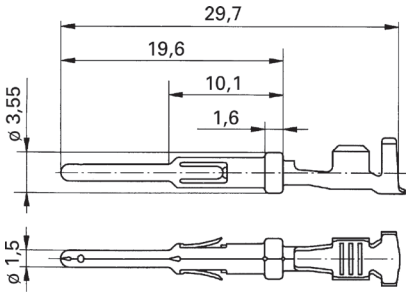


Diameter mm	only with	Cross section mm²	DU	Article no.
1,5	ELA	0,25 to 0,5	50	**50253279**
			4000	**50253279088**
		0,5 to 1	50	**50253280**
			4000	**50253280088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)	0,22 to 0,5 0,75 to 1	Page 174	1	**95942168**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164	1	**95945355**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)	0,22 to 1	Page 71	1	**50282028**

Contact Pin

Manufacturer Restriction:	KOSTAL LKS 1,5
Plug Type:	Crimp Contact
Current rating at 20°C:	36 A
Current rating at 80°C:	27 A
Base body material:	CuSn/Sn (copper-tin/tin)
Surface:	Tin-plated
Temperature range:	to 150 °C

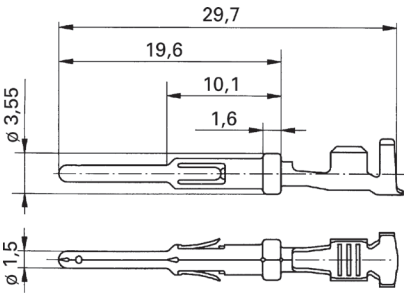


Diameter mm	Cross section mm²	DU	Article no.
1,5	0,25 to 0,5	50	**50253284**
		5500	**50253284088**
	1 to 2,5	50	**50253286**
		4000	**50253286088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5)	1,5 2,5 0,25 to 0,5 0,75 to 1	Page 174	1	**95942180**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164	1	**95945353**

Contact Pin

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Plug Type: Crimp Contact
Current rating at 20°C: 36 A
Current rating at 80°C: 27 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C

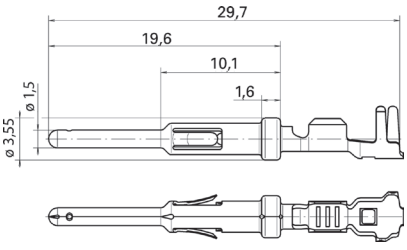


Diameter mm	only with	Cross section mm²	DU	Article no.
1,5	ELA	0,25 to 0,5	50	**50253289**
			4000	**50253289088**
		0,75 to 1	50	**50253290**
			4000	**50253290088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 174	1	**95942173**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164	1	**95945353**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)	0,22 to 1	Page 71	1	**50282022**

Contact Pin

Manufacturer Restriction: KOSTAL LKS 1,5 ELA-U
Plug Type: Crimp Contact
Current rating at 20°C: 36 A
Current rating at 80°C: 27 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C
Info: with wrap-over crimp

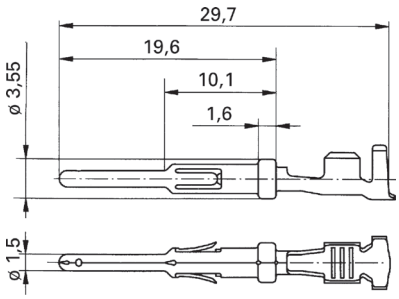


Diameter mm	only with	Cross section mm²	DU	Article no.
1,5	ELA	0,25 to 0,5	4000	**50253287088**
		0,75 to 1	50	**50253288**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)	0,22 to 0,5 0,75 to 1	Page 174	1	**95942168**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164	1	**95945353**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)	0,22 to 1	Page 71	1	**50282028**

Contact Pin

Manufacturer Restriction: KOSTAL LKS 1,5
Plug Type: Crimp Contact
Current rating at 20°C: 38 A
Current rating at 80°C: 30 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Silver-plated
Temperature range: to 170 °C

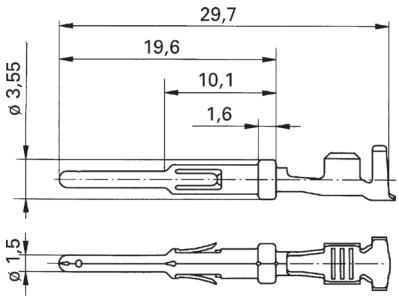


Diameter mm	Cross section mm²	DU	Article no.
1,5	0,25 to 0,5	50	**50253292**
		5500	**50253292088**
	0,75 to 1	50	**50253293**
	1 to 2,5	50	**50253294**
		4000	**50253294088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5)	1,5 2,5 0,25 to 0,5 0,75 to 1	Page 174	1	**95942180**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164	1	**95945353**

Contact Pin

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Plug Type: Crimp Contact
Current rating at 20°C: 38 A
Current rating at 80°C: 30 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Silver-plated
Temperature range: to 170 °C

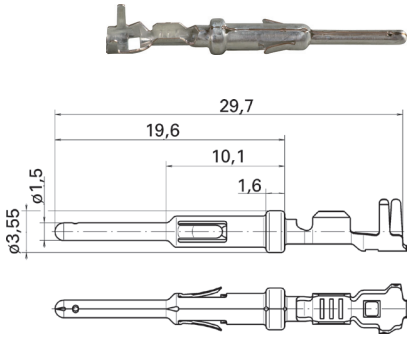


Diameter mm	only with	Cross section mm²	DU	Article no.
1,5	ELA	0,25 to 0,5	50	**50253297**
		0,75 to 1	50	**50253298**
		1 to 2,5	50	**50253299**
			4000	**50253299088**

Accessories	Cross section mm²	see	only for	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)	1,5 2,5 0,22 to 0,5 0,75 to 1	Page 174		1	**95942173**
Crimping Pliers CrimPro 30		Page 173		1	**95942164**
		Page 173		1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164		1	**95945353**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)	0,22 to 1	Page 71	50253297 50253298	1	**50282022**
	1,5 to 2,5	Page 71	50253299 50253299088	1	**50282023**

Contact Pin

Manufacturer Restriction:	KOSTAL LKS 1,5 ELA-U
Plug Type:	Crimp Contact
Current rating at 20°C:	38 A
Current rating at 80°C:	30 A
Base body material:	CuSn/Sn (copper-tin/tin)
Surface:	Silver-plated
Temperature range:	to 170 °C
Info:	with wrap-over crimp



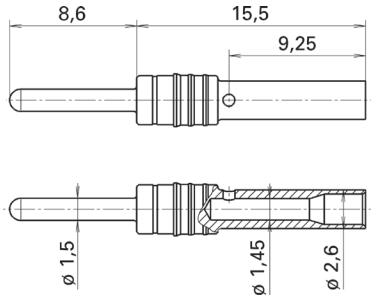
Diameter mm	only with	Cross section mm²	DU	Article no.
1,5	ELA	0,25 to 0,5	50	**50253295**
			4000	**50253295088**
		0,75 to 1	50	**50253296**
			4000	**50253296088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)	0,22 to 0,5 0,75 to 1	Page 174	1	**95942168**
Crimping Pliers CrimPro 30		Page 173	1	**95942164**
		Page 173	1	**95942166**
Release Tool, flat-/round plug (KOSTAL LKS 1,5)		Page 164	1	**95945353**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	0,22 to 1	Page 71	1	**50282021**

KOSTAL RK 1,5 MC

Contact Pin

Manufacturer Restriction:	KOSTAL RK 1,5 MC
Plug Type:	Crimp Contact
Current rating at 20°C:	35 A
Current rating at 80°C:	25 A
Base body material:	CuSn/Ag (copper-tin/silver)
Surface:	Silver-plated
Temperature range:	to 170 °C



Diameter mm	Cross section mm²	Length mm	DU	Article no.
1,5	0,5 to 1	24	50	**50253938**
			25000	**50253938099**

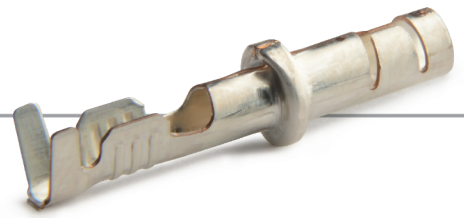
KOSTAL RK 2,5

» RK 2.5 CONTACT FAMILY

Round contact

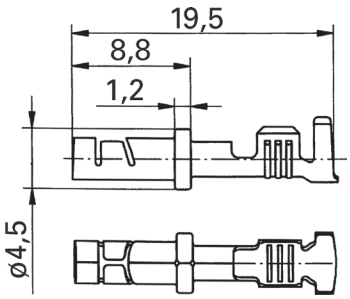
The RK 2.5 contact family has already been an established and trusted connector system for many years. The single-part construction and three contact zones guarantee high conductivity and maximum reliability. The RK 2.5 connector sleeve is suitable for connecting to a round plug with a diameter of 2.5 mm. The various shapes of the contact allow it to be processed using crimping or soldering processes. The special characteristics of this connector sleeve make it suitable for a wide range of applications.

Surface	Silver
Current-carrying capacity	22 A at 80 °C
Min. grid/footprint	5.0 x 5.5 mm
Matching plug	Ø 1.5 mm
Wire size range	0.25 – 2.5 mm²
Permissible overall temperature	110 °C
Number of mating cycles	15
Contact retention force	≥ 120 N



Contact Sleeve

Manufacturer Restriction:	KOSTAL RK 2,5
Plug Type:	Crimp Contact
Current rating at 20°C:	35 A
Current rating at 80°C:	25 A
Base body material:	CuSn/Ag (copper-tin/silver)
Surface:	Silver-plated
Temperature range:	to 110 °C

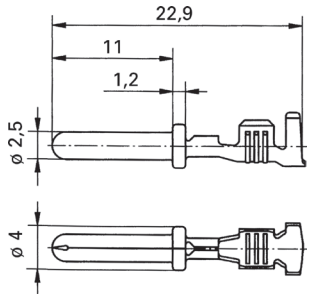


Diameter mm	Cross section mm²	DU	Article no.
2,5	0,25 to 0,5	4000	**50253300088**
	0,5 to 1	50	**50253301**
		4000	**50253301088**
	1 to 2,5	50	**50253302**
		3800	**50253302088**

Accessories	Cross section mm²	see	DU	
Crimping Pliers	1,5 to 2,5 4 to 6 0,5 to 1	Katalog08	1	**95942261**
ReleaseTool, flat-/round plug (KOSTAL RK 2,5)		Page 164	1	**95945359**

Contact Pin

Manufacturer Restriction:	KOSTAL RK 2,5
Plug Type:	Crimp Contact
Current rating at 20°C:	35 A
Current rating at 80°C:	25 A
Base body material:	CuSn/Ag (copper-tin/silver)
Surface:	Silver-plated
Temperature range:	to 110 °C



Diameter mm	Cross section mm²	DU	Article no.
2,5	0,25 to 0,5	50	**50253303**
	0,5 to 1	50	**50253304**
	1 to 2,5	50	**50253305**

Accessories	Cross section mm²	see	DU	
Crimping Pliers	1,5 to 2,5 4 to 6 0,5 to 1	Katalog08	1	**95942261**
ReleaseTool, flat-/round plug (KOSTAL RK 2,5)		Page 164	1	**95945359**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 2,5 L
Plug Type: Soldered Bush Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Insertion/ extraction force: 5,5 +- 2,5 N
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	15	2,2	50	**50253913**
			2000	**50253913099**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 2,5 L
Plug Type: Soldered Bush Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Insertion/ extraction force: 5,5 +- 2,5 N
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	17,5	2	50	**50253914**
			2000	**50253914099**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 2,5 L
Plug Type: Soldered Bush Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Insertion/ extraction force: 5,5 +- 2,5 N
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	17	2,1	25	**50253932**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 2,5 L
Plug Type: Soldered Bush Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Insertion/ extraction force: 5,5 +- 2,5 N
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	12,5	2,1	2000	**50253933099**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 2,5 L 90
Plug Type: Soldered Bush Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Insertion/ extraction force: 5,5 +- 2,5 N
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	12	2	100	**50253910**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 2,5 L 90
Plug Type: Soldered Bush Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Insertion/ extraction force: 5,5 +- 2,5 N
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	Version	DU	Article no.
2,5	12	2	Mercedes-Benz	50	**50253911**
				2000	**50253911099**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 2,5 L 90
Plug Type: Soldered Bush Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Insertion/ extraction force: 5,5 +- 2,5 N
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	12	2	50	**50253912**
			2000	**50253912099**

Contact Pin

Manufacturer Restriction: KOSTAL RK 2,5
Plug Type: Soldered Pin Contact
Surface: Silver-plated

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	18,9	2	10000	**50253915**

Contact Pin

Manufacturer Restriction: KOSTAL RK 2,5 L
Plug Type: Soldered Pin Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	21	2	50	**50253944**

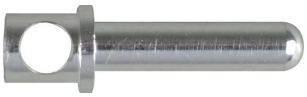
Contact Pin

Manufacturer Restriction: KOSTAL RK 2,5 L 90
Plug Type: Soldered Pin Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	16	2,2	100	**50253916**
			5000	**50253916099**

Contact Pin

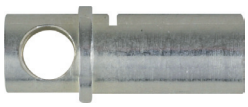
Manufacturer Restriction: KOSTAL RK 2,5 L 90
Plug Type: Soldered Pin Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	15	2,2	50	**50253943**
			2000	**50253943099**

Contact Sleeve

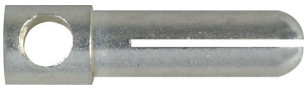
Manufacturer Restriction: KOSTAL RK 3,4 L 90
Plug Type: Soldered Bush Contact
Surface: Silver-plated



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
3,3	12	2,6	50	**50253926**

Contact Pin

Manufacturer Restriction: KOSTAL RK 3,3
Plug Type: Soldered Pin Contact
Surface: Silver-plated



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
3,3	15	2,6	50	**50253918**
			2000	**50253918099**

KOSTAL RK 4

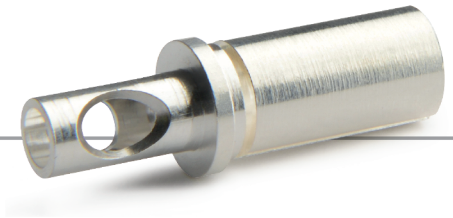
» RK 4 CONTACT FAMILY

Round contact

The RK 4 contact family has already been an established and trusted connector system for many years, and is distinguished by its very high reliability and compact shape. The single-part construction and the three contact zones ensure high contact retention force and conductivity. The RK 4 connector sleeve is suitable for connecting to a round plug with a diameter of 4 mm. The short shape is intended for processing by soldering. The properties and varied shapes of this contact family mean that it can be used in the widest range of applications.

Surface	Silver
Current-carrying capacity	60 A at 20 °C 40 A at 80 °C
Min. grid/footprint	7 x 7 mm²
Suitable for plug	Ø 4 mm
Wire size range	0.2 – 4 mm² 24 – 11 AWG
Permissible overall temperature	130 °C
Number of mating cycles	10
Contact retention force	≥ 120 N

Specifications for RK 4 L 90 – soldering version



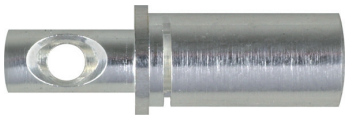
Contact Sleeve

Manufacturer Restriction: KOSTAL RK 4 L
Plug Type: Soldered Bush Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Insertion/extraction force: 8 +- 3 N
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	19,65	3,2	10000	**50253962**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 4 L
Plug Type: Soldered Bush Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Insertion/ extraction force: 8 +- 3 N
Base body material: CuBe/Ag (copper-beryllium/ silver)
Surface: Silver-plated
Temperature range: to 130 °C



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	17	2,3	25	**50253923**
			5000	**50253923099**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 4 L
Plug Type: Soldered Bush Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Insertion/ extraction force: 8 +- 3 N
Base body material: CuBe/Ag (copper-beryllium/ silver)
Surface: Silver-plated
Temperature range: to 130 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	17	3,2	10	**50290150041**
			250	**50290150099**

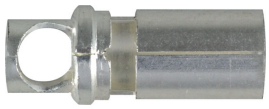
Contact Sleeve

Manufacturer Restriction: KOSTAL RK 4 L
Plug Type: Soldered Bush Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Insertion/extraction force: 8 +- 3 N
Surface: Silver-plated
Temperature range: to 110 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	19,65	2,3	1	**50253937**

Contact Sleeve

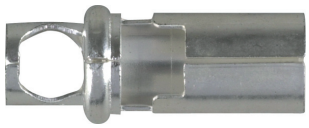
Manufacturer Restriction: KOSTAL RK 4 L 90
Plug Type: Soldered Bush Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Insertion/ extraction force: 8 +- 3 N
Base body material: CuBe/Ag (copper-beryllium/ silver)
Surface: Silver-plated
Temperature range: to 130 °C



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	14,3	3,1	50	**50253330**

Contact Sleeve

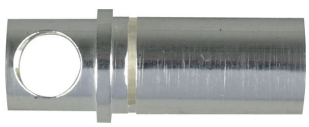
Manufacturer Restriction: KOSTAL RK 4 L 90
Plug Type: Soldered Bush Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Insertion/ extraction force: 8 +- 3 N
Base body material: CuBe/Ag (copper-beryllium/ silver)
Surface: Silver-plated
Temperature range: to 130 °C



Diameter mm	Length mm	DU	Article no.
4	14	50	**50253925**
		2000	**50253925099**

Contact Sleeve

Manufacturer Restriction: KOSTAL RK 4 L 90
Plug Type: Soldered Bush Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Insertion/ extraction force: 8 +- 3 N
Base body material: CuBe/Ag (copper-beryllium/ silver)
Surface: Silver-plated
Temperature range: to 130 °C



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	14,5	3,2	50	**50253920**
			1500	**50253920099**
			15000	**50253920098**

Contact Pin

Manufacturer Restriction:	KOSTAL RK 4 L
Plug Type:	Soldered Pin Contact
Current rating at 20°C:	60 A
Current rating at 80°C:	40 A
Base body material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 130 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	26	2	25	**50253929**
			1050	**50253929099**

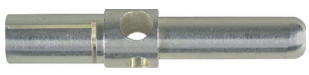
Contact Pin

Manufacturer Restriction:	KOSTAL RK 4 L
Plug Type:	Soldered Pin Contact
Current rating at 20°C:	60 A
Current rating at 80°C:	40 A
Base body material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 130 °C

Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	26	3,2	25	**50253952**
			1000	**50253952099**

Contact Pin

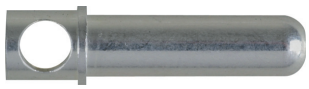
Manufacturer Restriction:	KOSTAL RK 4 L
Plug Type:	Soldered Pin Contact
Current rating at 20°C:	60 A
Current rating at 80°C:	40 A
Insertion/ extraction force:	8 +- 3 N
Base body material:	CuBe/Ag (copper-beryllium/ silver)
Surface:	Silver-plated
Temperature range:	to 130 °C



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	29	3,2	10	**50253928**
			250	**50253928099**

Contact Pin

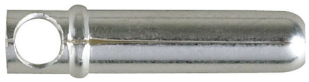
Manufacturer Restriction: KOSTAL RK 4 L 90
Plug Type: Soldered Pin Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Base body material: CuBe/Ag (copper-beryllium/silver)
Surface: Silver-plated
Temperature range: to 130 °C



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	19	3,2	50	**50253921**
			7500	**50253921099**

Contact Pin

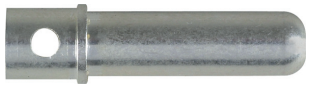
Manufacturer Restriction: KOSTAL RK 4 L 90
Plug Type: Soldered Pin Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Base body material: CuBe/Ag (copper-beryllium/silver)
Surface: Silver-plated
Temperature range: to 130 °C



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	19	3	50	**50253950**
			2000	**50253950099**
			10000	**50253950098**

Contact Pin

Manufacturer Restriction: KOSTAL RK 4 L 90
Plug Type: Soldered Pin Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Base body material: CuBe/Ag (copper-beryllium/silver)
Surface: Silver-plated
Temperature range: to 130 °C



Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	19	1,8	6000	**50253951099**

Gaskets+grommets

Sealing-/Protection Plugs	**70 - 71**

Sealing-/Protection Plugs

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ELB
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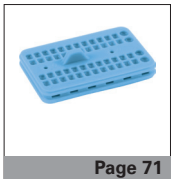
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ELA

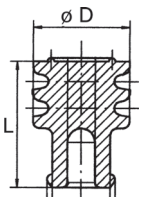
Sealing-/Protection Plugs

Manufacturer Restriction	Cross section mm²	Colour	DU	Article no.
KOSTAL PLK 14,5	16		20	**50282069**
	25		20	**50282070**
	35		20	**50282072**
	50		20	**50282077**

ELB

Sealing-/Protection Plugs

Material: MVQ (Silicone Elastomer)

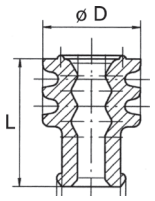


Length mm	Diameter mm	Manufacturer Restriction	Colour	DU	Article no.
7,5	5,6 to 5,9	KOSTAL ELB 5,2		1	**50282030**
	6,05 to 6,35	KOSTAL ELB 5,7		1	**50282037**
8	3,9 to 4,1	KOSTAL ELB 3,6		1	**50282018**
	4,4 to 4,7	KOSTAL ELB 4		1	**50282031**
	8,9 to 9,2	KOSTAL ELB 8,5		50	**50282019**
14	12,2 to 12,5	KOSTAL ELB 11,8		20	**50282059**

ELA

Material: MVQ (Silicone Elastomer)

Sealing-/Protection Plugs



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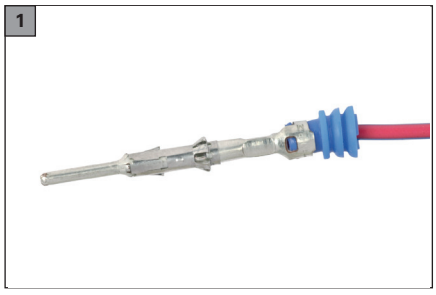

Length mm	Manufacturer Restriction	Diameter mm	Cross section mm²	Inner diameter mm	Colour	DU	Article no.
7,5	KOSTAL ELA 5,2	5,6 to 5,9	0,22 to 1	0,7 to 1	blue	1	**50282022**
			1,5 to 2,5	1,5 to 1,8	brown	1	**50282023**
8	KOSTAL ELA 7	7,4 to 7,7	4	2,6 to 2,9	orange	1	**50282024**
	KOSTAL ELA 8,5	8,9 to 9,2			green	100	**50282029**
					yellow	10000	**50282068**
					green	10000	**50282029099**
	KOSTAL ELA-U 3,6	3,85 to 4	0,12 to 0,22	0,81 to 1,2	blue	1	**50282086**
			0,35 to 0,5	0,7 to 0,9	green	1	**50282025**
		3,9 to 4,1	0,22 to 1	0,7 to 1	yellow	1	**50282021**
				0,75 to 0,95	black	10000	**50282199**
	KOSTAL ELA-U 4	4,4 to 4,7		0,7 to 1	grey	1	**50282028**
9,4	KOSTAL ELA-U 8,5	8,9 to 9,2	1,5 to 2,5	1,5 to 1,8	white	10000	**50282063**
			4 to 6	2,6 to 2,9	blue	1	**50282064**
9,50	KOSTAL ELA 7	7,40 to 7,70	0,25 to 1	0,7 to 1	white	10000	**50282061**
9,5			1,5 to 2,5	1,5 to 1,8	blue	10000	**50282079**
	KOSTAL ELA 8,5	8,9 to 9,2	0,22 to 1	0,7 to 1	yellow	10000	**50282084**
			1,5 to 2,5	1,5 to 1,8	red	100	**50282035**
					red	5000	**50282035099**
14	KOSTAL ELA 11,8	12,2 to 12,5	2,5	2,2 to 2,5	yellow	1	**50282033**
			4 to 6	3 to 3,3	orange	50	**50282026**
			6 to 12	3,6 to 3,9	black	50	**50282027**
					black	2000	**50282027099**

Sealing-/Protection Plugs

Number of Poles: 28 terminal

Manufacturer Restriction	Colour	DU	Article no.
KOSTAL MLK 1,2	blue	1	**50282097**

Sealing-/Protection Plugs

Number of Poles: 52 terminal

Manufacturer Restriction	Colour	DU	Article no.
KOSTAL MLK 1,2	blue	50	**50282098**

Sealing-/Protection Plugs

Number of Poles: 96 terminal

Manufacturer Restriction	Colour	DU	Article no.
KOSTAL MLK 1,2	blue	50	**50282099**

ELPARTS

INSTALLATION Verbinder | Befestigungsteile | Kabelbinder | Dichtungen+Tüllen | Isolierband | Schläuche+Rohre | Kabel+Kabelverbindungen | Batteriezubehör | Steckgehäuse | Sicherungen | Stecker+Steckdosen | Sortimente

Hilft!
Isolierband für Fahrzeuge.

Hilft! Isolierband aus unserem Sortiment Elparts.
Die meisten Isolierbänder bestehen aus PVC, das ein hervorragender Isolator ist. Wir haben haben zudem Isolierbänder aus Polypropylen, Polyester, Zellwollgewebe oder Butylkautschuk im Sortiment. Die verschiedensten Längen, Breiten und Stärken bieten für jedes Problem die richtige Lösung.

Passt immer!

ELPARTS

INSTALLATION Verbinder | Befestigungsteile | Kabelbinder | Dichtungen+Tüllen | Isolierband | Schläuche+Rohre | Kabel+Kabelverbindungen | Batteriezubehör | Steckgehäuse | Sicherungen | Stecker+Steckdosen | Sortimente

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Passt immer!

Plug housings

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Plug housing
Connector sleeve housing

» PLUG HOUSING

The products described on the following pages were developed to meet the technical requirements of German vehicle manufacturers. An important feature of the housing is that a common interface is defined on the device side. This makes it possible for the first time for units that are used as identical parts by different vehicle manufacturers to be contacted with the same receptacle housing. These housings impress with both a robust, compact design and a high performance spectrum. They are particularly suited for critical application areas within the engine bay, where the properties regarding vibration and also the water-tightness of the connection in line with IP 69K come into their own.

Latching with CPA (Connect or Position Assurance)
This type of housing locking displays optically (in colour, for example) using an additional moveable component (CPA element) whether the receptacle housing is correctly latched onto the corresponding part. For this reason, CPA is used for hard-to-reach areas.

After being plugged in, the CPA element must be manually pushed by the user into the end position. If the receptacle housing is not correctly latched to the corresponding part, pushing of the CPA elements is mechanically blocked. If the CPA element has already been pushed into the end position before the plug connection is connected, the receptacle housing cannot be plugged in or no electrical contact is generated. The CPA element must be pushed into the assembly position before the receptacle housing is disassembled.

The benefit is that the correct connection can be optically recognised. The temperature range is between -40 °C and +130 °C.

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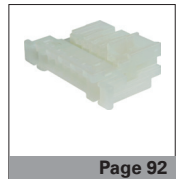
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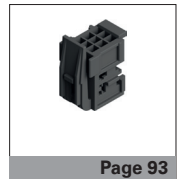
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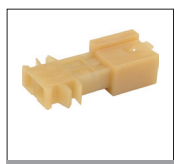
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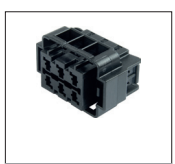
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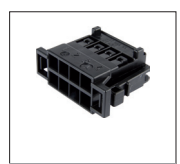
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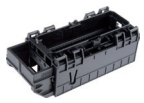
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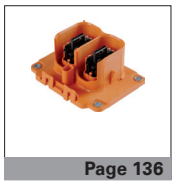
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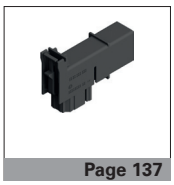
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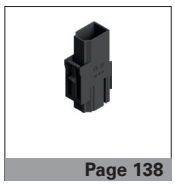
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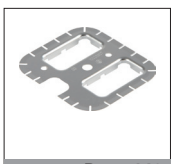
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KOSTAL MLK 1,2

» MLK 1.2 PLUG HOUSING

The MLK 1.2 contact family consists of sealed housings. Both the single-conductor seal and the seal inside the housing feature three sealing lips, which guarantees reliable sealing under the highest thermal and mechanical stresses in accordance with the IP 69K rating. In combination with the matching MLK contact, this results in high thermal resistance of up to 170 °C, depending on the version in question. Different coding options for the housings and various locking variants mean that accidental mix-ups do not occur when inserting. The different designs of the CPA (Connector Position Assurance) elements increase the ease of processing and the level of safety in production and later operation. Furthermore, all housings feature different visual and haptic indicators to ensure that the contacts, secondary lock and housing are correctly engaged during the production process.

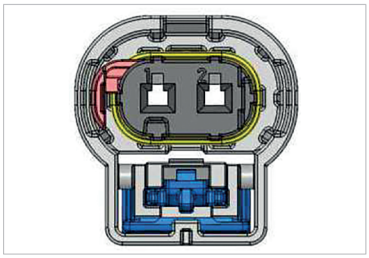
We will be happy to advise you on customised solutions.

Type L100

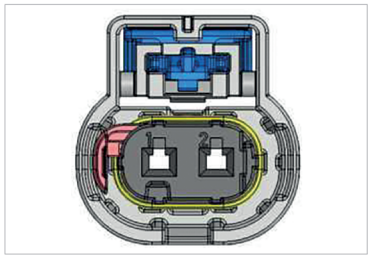
Type L140

Type S140

Locking variants

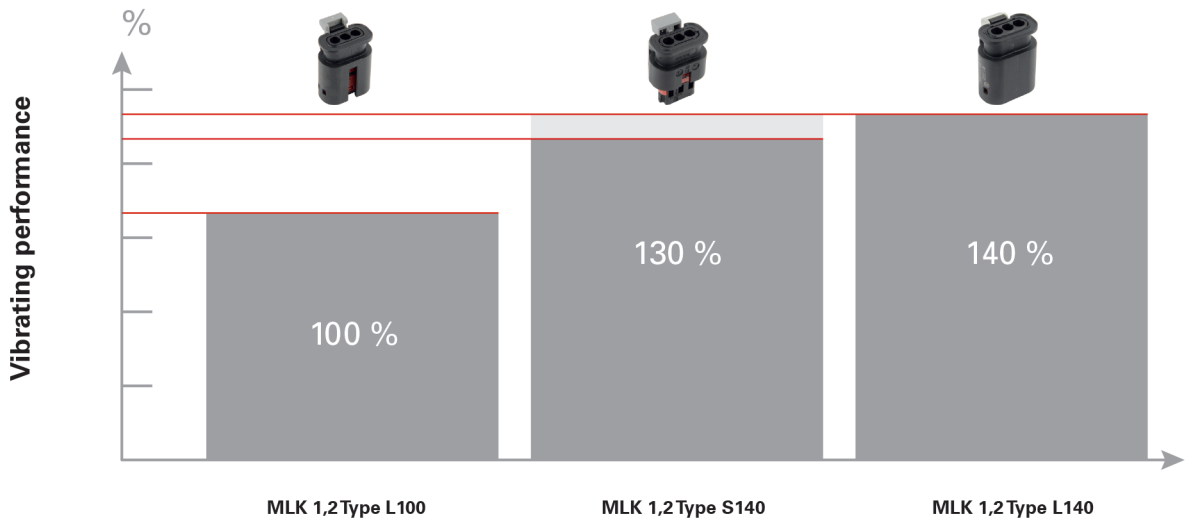


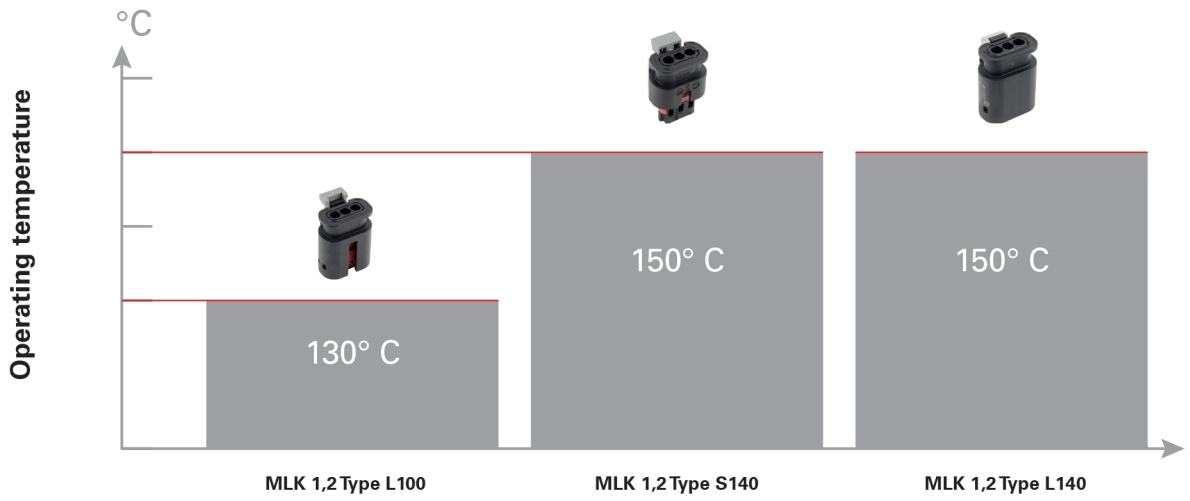
Locking variant „Clip Top“



Locking variant „Clip Down“ (protective collar turned by 180°)

» MLK 1.2 PLUG HOUSING





Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA L100
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

50390273

50390272

50390272099

50390841001

50390841

50390382

50390381

50390491

50390750

50390270

50390270099

50390271

50390271099

50390380

50390379

IP-Code	Info	Version	CPA Version	Plug Type ID	DU	Article no.
IP X9K	with retaining		long	Code A Clip down	20	**50390273**
				Code A Clip top	25	**50390272**
					250	**50390272099**
			Short		1	**50390841001**
					2500	**50390841**
				Code Z Clip down	20	**50390382**
				Code Z Clip top	20	**50390381**
		BMW		Code B Clip top	2500	**50390491**
		Daimler			1	**50390750**
	without retaining			Code A Clip down	25	**50390270**
					2500	**50390270099**
				Code A Clip top	25	**50390271**
					250	**50390271099**
				Code Z Clip down	20	**50390380**
				Code Z Clip top	20	**50390379**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA S140
Temperature range: to 150 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve
Info: with retaining

50390780

50390781

50390782

50390783

IP-Code	Plug Type ID	DU	Article no.
IP X9K	Code A Clip top	2500	**50390780**
	Code B Clip down	2500	**50390781**
	Code B Clip top	2500	**50390782**
	Code Z Clip top	2500	**50390783**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

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Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA-U
Number of Poles: 2 terminal
Plug Type: Blade Terminal

50390391

50390391098

50390392

50390920

IP-Code	Version	Plug Type ID	DU	Article no.
IP X9K		Code A	20	**50390391**
			2000	**50390391098**
		Code Z	20	**50390392**
	GM	Code C	2500	**50390920**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 ELA-U)	Silver-plated	0,17 to 0,25	Page 26	50	**50253459**
		0,35 to 0,5	Page 26	50	**50253386**
		0,5 to 0,75	Page 26	50	**50253394**
		0,75 to 1	Page 26	50	**50253377**
	Tin-plated	0,1 to 0,25	Page 26	50	**50253466**
		0,35	Page 26	50	**50253389**
		0,5 to 0,75	Page 26	50	**50253486**
		0,75 to 1	Page 26	50	**50253378**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA L100
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve

50390508

50390278

50390279

50390508001

50390388

50390387

50390276

50390277

50390386

50390385

50390350

IP-Code	Version	Info	CPA Version	Plug Type ID	DU	Article no.
IP X9K		mit Arretierung	Short	Code A Clip down	2500	**50390508**
		with retaining	long		20	**50390278**
				Code A Clip top	20	**50390279**
			Short	Code A Clip down	1	**50390508001**
				Code Z Clip down	20	**50390388**
				Code Z Clip top	20	**50390387**
		without retaining		Code A Clip down	20	**50390276**
				Code A Clip top	20	**50390277**
				Code Z Clip down	20	**50390386**
				Code Z Clip top	20	**50390385**
	BMW	with retaining	Short	Code A Clip top	2500	**50390350**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA L140
Temperature range: to 155 °C
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve
Info: mit Arretierung

50390566

Plug Type ID	IP-Code	DU	Article no.
Code A Clip top	IP X9K	2500	**50390566**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA S140
Temperature range: to 150 °C
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve
Info: with retaining

50390784

50390785

50390786

50390787

50390788

IP-Code	Plug Type ID	DU	Article no.
IP X9K	Code A Clip down	2500	**50390784**
	Code A Clip top	2500	**50390785**
	Code B Clip down	2500	**50390786**
	Code B Clip top	2500	**50390787**
	Code Z Clip top	2500	**50390788**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

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Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA-U
Number of Poles: 3 terminal
Plug Type: Blade Terminal

50390393

50390394

50390394099

50390351

IP-Code	Version	Plug Type ID	DU	Article no.
IP X9K		Code A	10	**50390393**
		Code Z	10	**50390394**
			250	**50390394099**
	BMW	Code A	2000	**50390351**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 ELA-U)	Silver-plated	0,17 to 0,25	Page 26	50	**50253459**
		0,35 to 0,5	Page 26	50	**50253386**
		0,5 to 0,75	Page 26	50	**50253394**
		0,75 to 1	Page 26	50	**50253377**
	Tin-plated	0,1 to 0,25	Page 26	50	**50253466**
		0,35	Page 26	50	**50253389**
		0,5 to 0,75	Page 26	50	**50253486**
		0,75 to 1	Page 26	50	**50253378**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA L100
Temperature range: to 130 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve

50390621

50390622

50390475

50390356

50390467

IP-Code	Info	Plug Type ID	DU	Article no.
IP X9K	mit Arretierung	Code A Clip top	1	**50390621**
		Code B Clip down	1	**50390622**
	without retaining	Code A Clip top	20	**50390475**
		Code B Clip top	20	**50390356**
		Code D Clip top	20	**50390467**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

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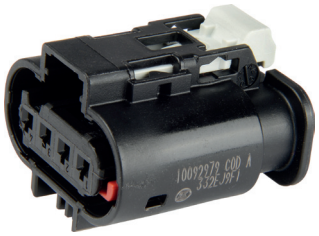
Plug Housing

Manufacturer Restriction:	KOSTAL MLK 1,2 ELA L140
Temperature range:	to 155 °C
Number of Poles:	4 terminal
Plug Type:	Blade Terminal Sleeve
Info:	with retaining



Plug Type ID	IP-Code	DU	Article no.
Code A Clip top	IP X9K	1	**50390623**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

3

Plug Housing

Manufacturer Restriction:	KOSTAL MLK 1,2 ELA S140
Temperature range:	to 150 °C
Number of Poles:	4 terminal
Plug Type:	Blade Terminal Sleeve
Info:	with retaining

50390789 50390790 50390791

50390792

IP-Code	Plug Type ID	DU	Article no.
IP X9K	Code A Clip down	2000	**50390789**
	Code A Clip top	2000	**50390790**
	Code B Clip down	2000	**50390791**
	Code B Clip top	2000	**50390792**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA
Temperature range: to 155 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal

50390747

50390636

Version	IP-Code	Plug Type ID	DU	Article no.
GM	IP X9K	Code A	1	**50390747**
		Code C	1	**50390636**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 ELA-U)	Silver-plated	0,17 to 0,25	Page 26	50	**50253459**
		0,35 to 0,5	Page 26	50	**50253386**
		0,5 to 0,75	Page 26	50	**50253394**
		0,75 to 1	Page 26	50	**50253377**
	Tin-plated	0,1 to 0,25	Page 26	50	**50253466**
		0,35	Page 26	50	**50253389**
		0,5 to 0,75	Page 26	50	**50253486**
		0,75 to 1	Page 26	50	**50253378**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**
Sealing-/Protection Plugs ELB (KOSTAL ELB 4)			Page 70	1	**50282031**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA
L100
Number of Poles: 5 terminal
Plug Type: Blade Terminal Sleeve
Info: with retaining

50390424

50390424099

Plug Type ID	IP-Code	DU	Article no.
Code A Clip top	IP X9K	20	**50390424**
		1800	**50390424099**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA S140
Temperature range: to 150 °C
Number of Poles: 5 terminal
Plug Type: Blade Terminal Sleeve
Info: with retaining

50390793

50390794

50390795

50390796

IP-Code	Plug Type ID			DU	Article no.
IP X9K	Code A Clip down			1800	**50390793**
	Code A Clip top			1800	**50390794**
	Code B Clip down			1800	**50390795**
	Code B Clip top			1800	**50390796**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

3

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA S140
Temperature range: to 150 °C
Number of Poles: 6 terminal
Plug Type: Blade Terminal Sleeve
Info: with retaining

50390797

50390798

50390799

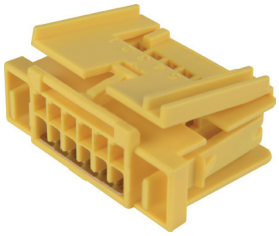
IP-Code	Plug Type ID			DU	Article no.
IP X9K	Code A Clip down			1750	**50390797**
	Code A Clip top			1750	**50390798**
	Code B Clip top			1750	**50390799**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2
Temperature range: to 85 °C
Number of Poles: 6 terminal
Plug Type: Blade Terminal Sleeve

50390404

50390353



Version	IP-Code	Plug Type ID	DU	Article no.
Daimler	IP 20	Code A	2000	**50390404**
		Code D	4000	**50390353**

3

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA
Temperature range: to 120 °C
Number of Poles: 6 terminal
Plug Type: Blade Terminal Sleeve

50390112

50390112099

50390420

Plug Type ID	IP-Code	Version	DU	Article no.
Code A	IP X9K	BMW	5	**50390112**
			100	**50390112099**
		Daimler	1	**50390420**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA
Temperature range: to 130 °C
Number of Poles: 6 terminal
Plug Type: Blade Terminal

50390617

50390619

50390620

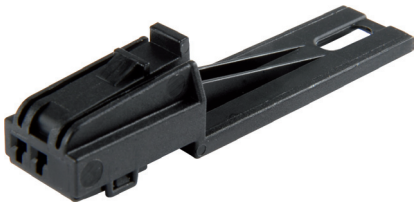
IP-Code	Version	Plug Type ID	DU	Article no.
IP X9K		Code B	1	**50390617**
	BMW	Code A	1500	**50390619**
		Code Z	1200	**50390620**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 ELA-U)	Silver-plated	0,17 to 0,25	Page 26	50	**50253459**
		0,35 to 0,5	Page 26	50	**50253386**
		0,5 to 0,75	Page 26	50	**50253394**
		0,75 to 1	Page 26	50	**50253377**
	Tin-plated	0,1 to 0,25	Page 26	50	**50253466**
		0,35	Page 26	50	**50253389**
		0,5 to 0,75	Page 26	50	**50253486**
		0,75 to 1	Page 26	50	**50253378**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**

3

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve

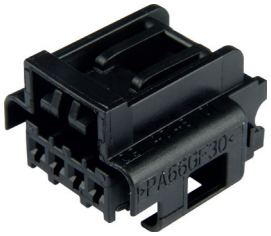


Info	Version	DU	Article no.
with lid	Wabco	5000	**50390463**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 22	50	**50253967**
		0,17 to 0,25	Page 22	50	**50253475**
		0,35	Page 22	50	**50253477**
		0,5 to 0,75	Page 22	50	**50253478**
		0,75 to 1	Page 22	50	**50253479**
		1 to 1,5	Page 22	50	**50253481**
	Tin-plated	0,12 to 0,14	Page 20	50	**50253966**
		0,17 to 0,25	Page 20	50	**50253476**
		0,35	Page 20	50	**50253462**
		0,5 to 0,75	Page 20	50	**50253483**
		0,75 to 1	Page 20	50	**50253480**
		1 to 1,5	Page 20	50	**50253482**

Plug Housing

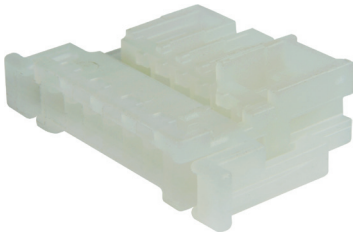
Manufacturer Restriction: KOSTAL MLK 1,2
Temperature range: to 130 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve



				DU	Article no.
				2000	**50390477**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 22	50	**50253967**
		0,17 to 0,25	Page 22	50	**50253475**
		0,35	Page 22	50	**50253477**
		0,5 to 0,75	Page 22	50	**50253478**
		0,75 to 1	Page 22	50	**50253479**
		1 to 1,5	Page 22	50	**50253481**
	Tin-plated	0,12 to 0,14	Page 20	50	**50253966**
		0,17 to 0,25	Page 20	50	**50253476**
		0,35	Page 20	50	**50253462**
		0,5 to 0,75	Page 20	50	**50253483**
		0,75 to 1	Page 20	50	**50253480**
		1 to 1,5	Page 20	50	**50253482**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2
Number of Poles: 6 terminal
Plug Type: Blade Terminal Sleeve



Version	**Plug Type ID**			**DU**	**Article no.**
Behr	Code A			1	**50290694**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 22	50	**50253967**
		0,17 to 0,25	Page 22	50	**50253475**
		0,35	Page 22	50	**50253477**
		0,5 to 0,75	Page 22	50	**50253478**
		0,75 to 1	Page 22	50	**50253479**
		1 to 1,5	Page 22	50	**50253481**
	Tin-plated	0,12 to 0,14	Page 20	50	**50253966**
		0,17 to 0,25	Page 20	50	**50253476**
		0,35	Page 20	50	**50253462**
		0,5 to 0,75	Page 20	50	**50253483**
		0,75 to 1	Page 20	50	**50253480**
		1 to 1,5	Page 20	50	**50253482**

Connector sleeve housing

Manufacturer Restriction: KOSTAL MLK 1,2
Temperature range: to 100 °C
Number of Poles: 9 terminal
Plug Type: Blade Terminal Sleeve

Plug Type ID	Socket Width mm	DU	Article no.
Code A	1,2	5000	**50390329**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2
Number of Poles: 12 terminal
Plug Type: Blade Terminal

Version		DU	Article no.
BMW		2000	**50390930**
Accessories	**see**	**DU**	
Lid	Page 93	2000	**50390932**
Plug Housing (KOSTAL BGR)	Page 93	672	**50390931**

Plug Housing

Manufacturer Restriction: KOSTAL BGR

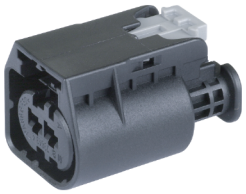
Version	Plug Type ID	DU	Article no.
BMW	Code A	672	**50390931**

Lid

Version	DU	Article no.
BMW	2000	**50390932**

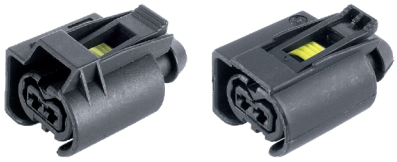
» SLK 2.8 ELA CONNECTOR SLEEVE HOUSING

The SLK 2.8 housing family consists of sealed housings. Both the single-conductor seal and the seal inside the housing feature three sealing lips, which guarantees reliable sealing under the highest thermal and mechanical stresses, among other situations. In combination with the matching SLK 2.8 ELA connector sleeves, this results in a high degree of thermal resistance. Different coding options for the housings and a wide range of shapes and locking variants mean that practically every customer wish can be catered to. The housing construction – in combination with the CPA (Connector Position Assurance) elements – helps to achieve the highest ease of processing, resistance to vibration and the safest operation. Furthermore, certain housings feature different visual and haptic indicators to ensure that the contacts and housing are correctly engaged during processing. We will be happy to advise you on customised solutions.

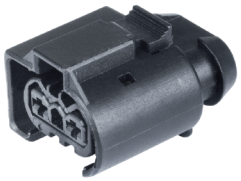


- robust housing with a protected clip
- a range of variants available with and without CPA
- good resistance against vibration
- thermal resistance up to 130 °C
- passive secondary lock

- robust housing with protected clip on the left and right
- peripheral CPA elements for both clips
- extremely high resistance against vibration
- thermal resistance up to 130 °C
- passive secondary lock



- compact shape
- high resistance against vibration thanks to multi-part construction
- thermal resistance up to 130°C
- active secondary lock
- without CPA



- compact, 2-pin shape for a large cable diameter
- high resistance against vibration thanks to multi-part construction
- thermal resistance up to 130 °C
- active secondary lock
- without CPA
- up to 4 mm² cable diameter

- shape with clip on the left and right
- high resistance against vibration thanks to multi-part construction and double clip
- thermal resistance up to 130 °C
- active secondary lock
- without CPA
- up to 2.5 mm² cable diameter

KOSTAL SLK 2,8 ELA

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

50390285

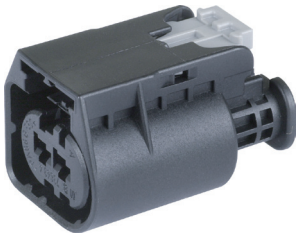
50390286

50390287

50390282

50390283

50390284



IP-Code	Info	Plug Type ID	DU	Article no.
IP X9K	with retaining	Code A	20	**50390285**
		Code B	20	**50390286**
		Code C	20	**50390287**
	without retaining	Code A	1	**50390282**
		Code B	20	**50390283**
		Code C	20	**50390284**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

50390129

50290757

50290937

50390403

50290757099

50290937099

50290937098

50390013

50390142

50290936

50290081

IP-Code	Info	Plug Type ID	Version	DU	Article no.
IP X9K	ohne Arretierung	Code B	BMW	2000	**50390129**
	without retaining	Code A		10	**50290757**
			Daimler	10	**50290937**
			Ford	2000	**50390403**
		Code A Clip top		2000	**50290757099**
			Daimler	250	**50290937099**
				2000	**50290937098**
			PSA	1	**50390013**
		Code B		1	**50390142**
			Daimler	2000	**50290936**
		Code C	BMW	2000	**50290081**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 2 terminal
Plug Type: Blade Terminal

50390471

50390471098

50390472

50390473

IP-Code	Plug Type ID	DU	Article no.
IP X9K	Code A	10	**50390471**
		1800	**50390471098**
	Code B	10	**50390472**
	Code C	10	**50390473**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 33	50	**50253252**
		0,5 to 0,75	Page 33	50	**50253253**
		1,5 to 2,5	Page 33	50	**50253254**
	Tin-plated	0,22 to 0,35	Page 32	50	**50253366**
		0,5 to 0,75	Page 32	50	**50253245**
		1,5 to 2,5	Page 32	50	**50253246**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

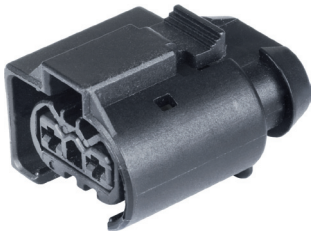
Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

50390221

50290060

50290060099

50290071



Cross section mm²	IP-Code	Version	Plug Type ID	DU	Article no.
4	IP X9K		Code A Clip top	5	**50390221**
		Daimler		10	**50290060**
				150	**50290060099**
			Code B Clip top	1500	**50290071**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	1,5 to 2,5	Page 31	50	**50253238**
		4	Page 31	50	**50253339**
	Tin-plated	1,5 to 2,5	Page 29	50	**50253230**
		4	Page 29	50	**50253344**
Sealing-/Protection Plugs ELA (KOSTAL ELA 8,5)		1,5 to 2,5	Page 71	100	**50282035**
		4	Page 71	100	**50282029**
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)			Page 70	50	**50282019**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 2 terminal
Plug Type: Blade Terminal

50390405

50390850

50390850099

Plug Type ID	IP-Code	Cross section mm²	Version	DU	Article no.
Code A Clip top	IP X9K		BMW	1300	**50390405**
		to 4		5	**50390850**
				1300	**50390850099**

Accessories	Surface	Cross section mm²	see	only for	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 33		50	**50253252**
		0,5 to 0,75	Page 33		50	**50253253**
		1,5 to 2,5	Page 33		50	**50253254**
		4	Page 33	50390850 50390850099	50	**50253255**
	Tin-plated	0,22 to 0,35	Page 32		50	**50253366**
		0,5 to 0,75	Page 32		50	**50253245**
		1,5 to 2,5	Page 32		50	**50253246**
		4	Page 32	50390850 50390850099	50	**50253247**
Sealing-/Protection Plugs ELA (KOSTAL ELA 8,5)		1,5 to 2,5	Page 71		100	**50282035**
		4	Page 71	50390850 50390850099	100	**50282029**
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)			Page 70		50	**50282019**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

50390233

50290756

50290756099

Plug Type ID	IP-Code	Version	DU	Article no.
Code A Clip r+l	IP X9K		1500	**50390233**
		Daimler	10	**50290756**
			300	**50290756099**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Temperature range: to 120 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

50290925

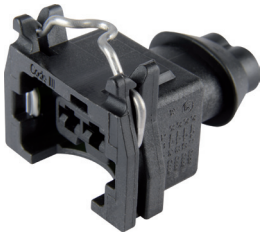
50290676

50290798

50290798099

50290963

50290004



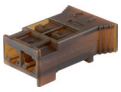
Version	Info	Plug Type ID	DU	Article no.
BMW		Code III	2000	**50290925**
	with fastening clamp	Code I	10	**50290676**
	with fastening clamp Handle at housing		10	**50290798**
			2000	**50290798099**
		Code II	10	**50290963**
Daimler		Code I	2000	**50290004**

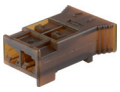
Accessories	Surface	Cross section mm²	see	only for	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50290676 50290798099 50290798 50290963 50290004	50	**50253236**
		0,5 to 0,75	Page 31	50290676 50290798099 50290798 50290963 50290004	50	**50253237**
		1,5 to 2,5	Page 31	50290676 50290798099 50290798 50290963 50290004	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50290676 50290798099 50290798 50290963 50290004	50	**50253228**
		0,5 to 0,75	Page 29	50290676 50290798099 50290798 50290963 50290004	50	**50253229**
		1,5 to 2,5	Page 29	50290676 50290798099 50290798 50290963 50290004	50	**50253230**
Plug Connector			Katalog04	50290676 50290798099 50290798 50290963	10	**50281050**
			Katalog04	50290676 50290798099 50290798 50290963	10	**50281051**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	50290676 50290798099 50290798 50290963 50290004	1	**50282022**
		1,5 to 2,5	Page 71	50290676 50290798099 50290798 50290963	1	**50282023**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	50290004	1	**50282028**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	50290676 50290798099 50290798 50290963 50290004	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8
Temperature range: to 130 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

50390247


50290921


50290921099

Version	Plug Type ID	DU	Article no.
ZF	Code A	5000	**50390247**
	Code I	25	**50290921**
		1000	**50290921099**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 30	50	**50253232**
		0,5 to 0,75	Page 30	50	**50253233**
		1,5 to 2,5	Page 30	50	**50253234**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253224**
		0,5 to 0,75	Page 29	50	**50253225**
		1,5 to 2,5	Page 29	50	**50253226**

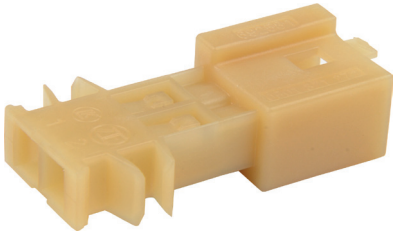
3

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8
Temperature range: to 130 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal

50390248

50290623099



Version	Plug Type ID	DU	Article no.
ZF	Code A	3000	**50390248**
	Code I	1000	**50290623099**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 33	50	**50253248**
		0,5 to 0,75	Page 33	50	**50253249**
		1,5 to 2,5	Page 33	50	**50253250**
	Tin-plated	0,22 to 0,35	Page 32	50	**50253240**
		0,5 to 0,75	Page 32	50	**50253241**
		1,5 to 2,5	Page 32	50	**50253242**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve

50390407

50290970

50290932

50290932098

50290765

50290971

IP-Code	Plug Type ID	Version	DU	Article no.
IP X9K	Code A		1500	**50390407**
		BMW	10	**50290970**
		Daimler	10	**50290932**
			1500	**50290932098**
	Code B		1500	**50290765**
		BMW	10	**50290971**

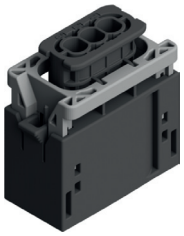
Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve

50390800

50390573



IP-Code	Version	Plug Type ID	DU	Article no.
IP X9K		Code A1	850	**50390800**
	Daimler	Code A	1	**50390573**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

3

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve

50390126

50290764

50290763

IP-Code	Version	Plug Type ID	DU	Article no.
IP X9K		Code A Clip r+l	1500	**50390126**
		Code B Clip r+l	1500	**50290764**
	BMW	Code A Clip r+l	10	**50290763**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

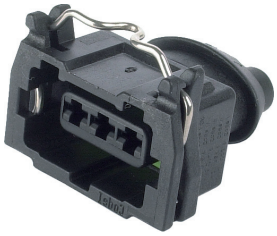
Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve
Info: with fastening clamp
Handle at housing

50290797

50290797099

50290799

50290675



Version	Plug Type ID	DU	Article no.
BMW	Code I	10	**50290797**
		1500	**50290797099**
	Code II	10	**50290799**
	Code III	10	**50290675**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Plug Connector			Katalog04	10	**50281052**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

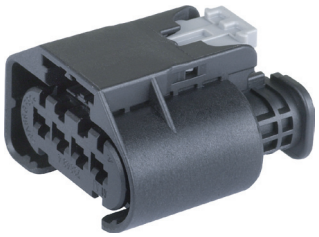
Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve

50390290

50390291

50390288

50390289



IP-Code	Info	Plug Type ID	DU	Article no.
IP X9K	with retaining	Code A	20	**50390290**
		Code B	20	**50390291**
	without retaining	Code A	20	**50390288**
		Code B	20	**50390289**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve
Info: without retaining

50290698

50290698099

Plug Type ID	IP-Code	DU	Article no.
Code A	IP X9K	10	**50290698**
		1000	**50290698099**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

3

Plug Housing

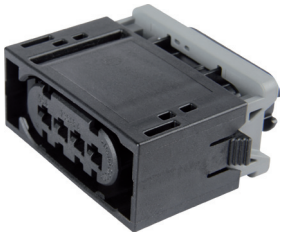
Manufacturer Restriction: KOSTAL FKS 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve

Version	Plug Type ID	IP-Code	DU	Article no.
Daimler	Code A	IP X9K	1000	**50290769**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Crimp Connector JPT (TE Connectivity)		0,2 to 0,5	Katalog04	50	**50251898**
		0,5 to 1	Katalog04	50	**50251899**
		1,5 to 2,5	Katalog04	50	**50251900**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve



Info	Plug Type ID	IP-Code	DU	Article no.
with retaining	Code A1	IP X9K	850	**50390910**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

3

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve
Info: with retaining

Version	Plug Type ID	DU	Article no.
Daimler	Code A	1000	**50390921**

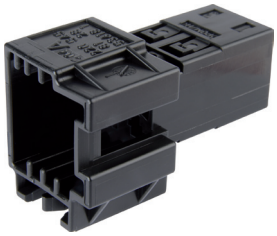
Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8
Temperature range: to 85 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal

50290727

50290685



Version	Plug Type ID	DU	Article no.
Daimler	Code A	2000	**50290727**
	Code B	2000	**50290685**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 33	50	**50253248**
		0,5 to 0,75	Page 33	50	**50253249**
		1,5 to 2,5	Page 33	50	**50253250**
	Tin-plated	0,22 to 0,35	Page 32	50	**50253240**
		0,5 to 0,75	Page 32	50	**50253241**
		1,5 to 2,5	Page 32	50	**50253242**

3

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 5 terminal
Plug Type: Blade Terminal Sleeve

Version	Plug Type ID	IP-Code	DU	Article no.
Daimler	Code A	IP X9K	1000	**50390321**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
		4	Page 31	50	**50253339**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
		4	Page 29	50	**50253344**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 5 terminal
Plug Type: Blade Terminal Sleeve

50290774

50290681

50290776

50290892

50290892099

50290690

50390961

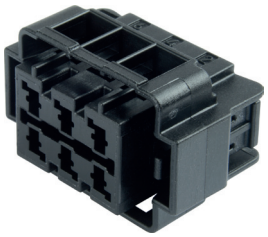
IP-Code	Plug Type ID	Version	DU	Article no.
IP X9K	Code A Clip r+l	NEW	1	**50290774**
		Daimler	10	**50290681**
	Code B Clip r+l		1000	**50290776**
		BMW	10	**50290892**
			50	**50290892099**
		Daimler	10	**50290690**
		VW	1000	**50390961**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

3

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8
Temperature range: to 120 °C
Number of Poles: 6 terminal
Plug Type: Blade Terminal



Version	DU	Article no.
BMW	2000	**50290019**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 33	50	**50253248**
		0,5 to 0,75	Page 33	50	**50253249**
		1,5 to 2,5	Page 33	50	**50253250**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253224**
		0,5 to 0,75	Page 29	50	**50253225**
		1,5 to 2,5	Page 29	50	**50253226**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 6 terminal
Plug Type: Blade Terminal Sleeve

Version	Plug Type ID	DU	Article no.
BMW	Code A	1000	**50390460**

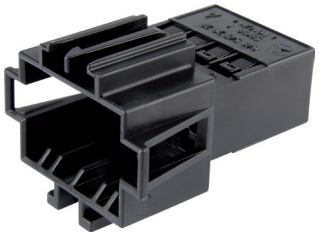
Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8
Number of Poles: 8 terminal
Plug Type: Blade Terminal

50390556

50390008



Version	Plug Type ID	DU	Article no.
Daimler	Code A	1000	**50390556**
	Code B	1000	**50390008**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 33	50	**50253248**
		0,5 to 0,75	Page 33	50	**50253249**
		1,5 to 2,5	Page 33	50	**50253250**
	Tin-plated	0,22 to 0,35	Page 32	50	**50253240**
		0,5 to 0,75	Page 32	50	**50253241**
		1,5 to 2,5	Page 32	50	**50253242**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8
Number of Poles: 8 terminal
Plug Type: Blade Terminal Sleeve

50290699

50390534

Version	Plug Type ID			DU	Article no.
Daimler	Code A			2500	**50290699**
	Code C			2500	**50390534**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 30	50	**50253232**
		0,5 to 0,75	Page 30	50	**50253233**
		1,5 to 2,5	Page 30	50	**50253234**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253224**
		0,5 to 0,75	Page 29	50	**50253225**
		1,5 to 2,5	Page 29	50	**50253226**

3

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 9 terminal
Plug Type: Blade Terminal Sleeve

Version	Plug Type ID			DU	Article no.
Daimler	Code A			600	**50290897**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8
Temperature range: to 85 °C
Number of Poles: 10 terminal
Plug Type: Blade Terminal Sleeve

Version	Plug Type ID	DU	Article no.
Daimler	Code A	2500	**50390170**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 30	50	**50253232**
		0,5 to 0,75	Page 30	50	**50253233**
		1,5 to 2,5	Page 30	50	**50253234**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253224**
		0,5 to 0,75	Page 29	50	**50253225**
		1,5 to 2,5	Page 29	50	**50253226**

3

Plug Housing

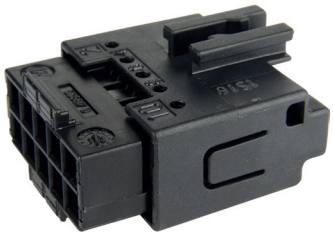
Manufacturer Restriction: KOSTAL SLK 2,8
Number of Poles: 10 terminal
Plug Type: Blade Terminal Sleeve

Version	Plug Type ID	DU	Article no.
Daimler	Code A	1500	**50390541**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 30	50	**50253232**
		0,5 to 0,75	Page 30	50	**50253233**
		1,5 to 2,5	Page 30	50	**50253234**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253224**
		0,5 to 0,75	Page 29	50	**50253225**
		1,5 to 2,5	Page 29	50	**50253226**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 2,8
Temperature range: to 125 °C
Number of Poles: 10 terminal
Plug Type: Blade Terminal



Version		DU	Article no.
Daimler	NEW	1080	**50390485**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 33	50	**50253248**
		0,5 to 0,75	Page 33	50	**50253249**
		1,5 to 2,5	Page 33	50	**50253250**
	Tin-plated	0,22 to 0,35	Page 32	50	**50253240**
		0,5 to 0,75	Page 32	50	**50253241**
		1,5 to 2,5	Page 32	50	**50253242**

KOSTAL SLK 5,8 ELA

Plug Housing

Manufacturer Restriction: KOSTAL SLK 5,8 ELA
Number of Poles: 1 terminal
Plug Type: Blade Terminal Sleeve

Plug Type ID				DU	Article no.
Code A				1500	**50390559**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL SLK 5,8 ELA-U)	Silver-plated	1,5 to 2,5	Page 38	50	**50253448**
		4 to 6	Page 38	50	**50253450**
	Tin-plated	1,5 to 2,5	Page 36	50	**50253449**
		4 to 6	Page 36	50	**50253451**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)		1,5 to 2,5	Page 71	10000	**50282063**
		4 to 6	Page 71	1	**50282064**
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)			Page 70	50	**50282019**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 5,8 ELA
Number of Poles: 1 terminal
Plug Type: Blade Terminal

Plug Type ID	IP-Code			DU	Article no.
Code A	IP X9K			1300	**50390537**
Accessories		**Cross section mm²**	**see**	**DU**	
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)		1,5 to 2,5	Page 71	10000	**50282063**
		4 to 6	Page 71	1	**50282064**
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)			Page 70	50	**50282019**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 5,8 ELA
Temperature range: to 140 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

Info	Plug Type ID	IP-Code	DU	Article no.
ohne Arretierung	Code A	IP X9K	1000	**50390777**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL SLK 5,8 ELA-U)	Silver-plated	1,5 to 2,5	Page 38	50	**50253448**
		4 to 6	Page 38	50	**50253450**
	Tin-plated	1,5 to 2,5	Page 36	50	**50253449**
		4 to 6	Page 36	50	**50253451**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)		1,5 to 2,5	Page 71	10000	**50282063**
		4 to 6	Page 71	1	**50282064**
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)			Page 70	50	**50282019**

3

Plug Housing

Manufacturer Restriction: KOSTAL SLK 5,8
Temperature range: to 140 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal

Info	Plug Type ID	IP-Code	DU	Article no.
ohne Arretierung	Code A	IP X9K	1000	**50390778**

Accessories	Cross section mm²	see	DU	
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)	1,5 to 2,5	Page 71	10000	**50282063**
	4 to 6	Page 71	1	**50282064**
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)		Page 70	50	**50282019**

Plug Housing

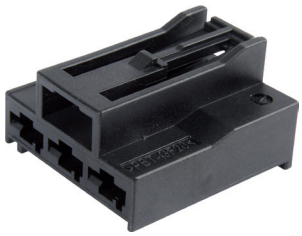
Manufacturer Restriction: KOSTAL SLK 5,8 ELA
Temperature range: to 140 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal

Version	Plug Type ID	DU	Article no.
BMW	Code A	1000	**50390408**

Accessories	Cross section mm²	see	DU	
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)	1,5 to 2,5	Page 71	10000	**50282063**
	4 to 6	Page 71	1	**50282064**
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)		Page 70	50	**50282019**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 5,8
Temperature range: to 140 °C
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve



Version	Plug Type ID			DU	Article no.
BMW	Code A			2000	**50390310**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL SLK 5,8)	Tin-plated	1,5 to 2,5	Page 35	50	**50253453**
		4 to 6	Page 35	50	**50253455**

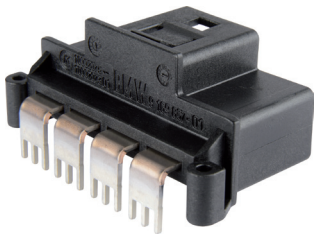
Plug Housing

Manufacturer Restriction: KOSTAL SLK 5,8
Temperature range: to 140 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve

Version	Plug Type ID			DU	Article no.
BMW	Code A			1	**50390616**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL SLK 5,8)	Tin-plated	1,5 to 2,5	Page 35	50	**50253453**
		4 to 6	Page 35	50	**50253455**

Plug Housing

Manufacturer Restriction: KOSTAL SLK 5,8
Number of Poles: 4 terminal
Plug Type: Blade Terminal



Version	Plug Type ID	DU	Article no.
BMW	Code A	1300	**50390925**

KOSTAL LSK 8

Plug Housing

Manufacturer Restriction: KOSTAL LSK 8
Temperature range: to 85 °C
Number of Poles: 1 terminal
Plug Type: Blade Terminal Sleeve

50290896

50390522

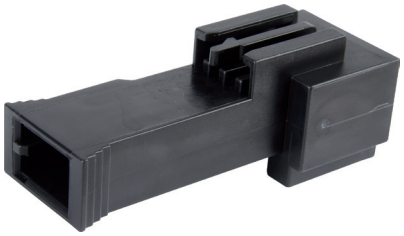
Version	Plug Type ID	DU	Article no.
Daimler	Code A	2000	**50290896**
	Code B	2000	**50390522**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL LSK 8)	Silver-plated	2,5 to 4	Page 41	50	**50253264**
		4 to 6	Page 41	50	**50253259**
		6 to 10	Page 41	50	**50253260**

3

Plug Housing

Manufacturer Restriction: KOSTAL LSK 8
Number of Poles: 1 terminal
Plug Type: Blade Terminal



Version	Plug Type ID	DU	Article no.
Daimler	Code A	1300	**50290497**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL LSK 8)	Silver-plated	4 to 6	Page 42	50	**50253265**
		6 to 10	Page 42	50	**50253266**

Plug Housing

Manufacturer Restriction: KOSTAL LSK 8 ELA
Temperature range: to 130 °C
Number of Poles: 1 terminal
Plug Type: Blade Terminal Sleeve

Version	Plug Type ID	DU	Article no.
Daimler	Code A	1	**50390320**

Accessories	Cross section mm²	see	DU	
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)	2,5	Page 71	1	**50282033**

Plug Housing

Manufacturer Restriction: KOSTAL LSK 8 ELA
Temperature range: to 130 °C
Number of Poles: 1 terminal
Plug Type: Blade Terminal Sleeve

Info	Plug Type ID	DU	Article no.
ohne Arretierung	Code A	600	**50390571**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	2,5 to 4	Page 42	50	**50253495**
		4 to 6	Page 42	50	**50253261**
		8 to 12	Page 42	50	**50253336**
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)		2,5	Page 71	1	**50282033**
		4 to 6	Page 71	50	**50282026**
		6 to 12	Page 71	50	**50282027**

3

Plug Housing

Manufacturer Restriction: KOSTAL LSK 8 ELA

Temperature range: to 130 °C
Number of Poles: 1 terminal
Plug Type: Blade Terminal

Info	Plug Type ID	IP-Code	DU	Article no.
ohne Arretierung	Code A	IP X9K	450	**50390779**

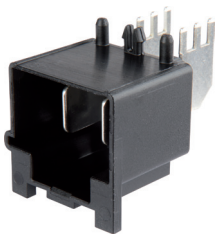
Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	4 to 6	Page 43	50	**50253267**
		8 to 12	Page 43	50	**50253341**
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)		4 to 6	Page 71	50	**50282026**
		6 to 12	Page 71	50	**50282027**

Plug Housing

Manufacturer Restriction: KOSTAL LSK 8
Number of Poles: 2 terminal
Plug Type: Blade Terminal

50390678

50390565



Plug Type ID	Version	DU	Article no.
Code A		500	**50390678**
	BMW	500	**50390565**

Plug Housing

Manufacturer Restriction: KOSTAL LSK 8
Temperature range: to 85 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

50390539

50390201

Version	Plug Type ID	DU	Article no.
	Code A	1	**50390539**
Daimler	Code Z	2000	**50390201**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL LSK 8)	Silver-plated	2,5 to 4	Page 41	50	**50253264**
		4 to 6	Page 41	50	**50253259**
		6 to 10	Page 41	50	**50253260**

» MULTIPIN HOUSINGS

The requirements for correct contacting are often very varied. Whether it is in order to save installation space, achieve higher resistance against environmental influences or mechanical stresses or to optimise the production process, there are many compelling reasons to utilise different contacts within one housing. In doing so, data cables and power connections alike can be contacted in one housing.

Solutions often exist which don't need to be developed from scratch at great cost. We have a wide range of such solutions for you in our product range.

We will be happy to advise you if you have further questions regarding this topic.

11-pin connector sleeve housing, equipped with 8 x MLK 1,2 and 3 x SLK 2,8 sealed

4-pin connector sleeve housing, equipped with 2 x SLK 2,8 and 2 x LSK 8, sealed

4-pin connector sleeve housing, equipped with 2 x SLK 2,8 and 2 x SLK 5,8 sealed

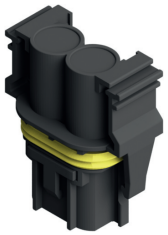
4-pin connector sleeve housing, equipped with 2 x SLK 2,8 and 2 x LSK 8 sealed

Plug Housing

Manufacturer Restriction: KOSTAL LSK 8 ELA, KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve

50390801

50290259



Plug Type ID	Port Type	IP-Code	Version	DU	Article no.
Code A	2 x LSK 8 ELA 2 x SLK 2,8 ELA	IP X9K		600	**50390801**
			Daimler	600	**50290259**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	2,5 to 4	Page 42	50	**50253495**
		4 to 6	Page 42	50	**50253261**
		8 to 12	Page 42	50	**50253336**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1	Page 31	50	**50253611**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)		2,5	Page 71	1	**50282033**
		4 to 6	Page 71	50	**50282026**
		6 to 12	Page 71	50	**50282027**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 11,8)			Page 70	20	**50282059**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

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Plug Housing

Manufacturer Restriction: KOSTAL LSK 8 ELA, KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal

50390802

50390037

Plug Type ID	Port Type	IP-Code	Version	DU	Article no.
Code A	2 x LSK 8 ELA 2 x SLK 2,8 ELA	IP X9K		350	**50390802**
			Daimler	350	**50390037**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	4 to 6	Page 43	50	**50253267**
		8 to 12	Page 43	50	**50253341**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 33	50	**50253252**
		0,5 to 0,75	Page 33	50	**50253253**
		1,5 to 2,5	Page 33	50	**50253254**
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)		4 to 6	Page 71	50	**50282026**
		6 to 12	Page 71	50	**50282027**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 11,8)			Page 70	20	**50282059**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL LSK 8 ELA, KOSTAL SLK 2,8
Temperature range: to 130 °C
Number of Poles: 7 terminal
Plug Type: Blade Terminal Sleeve

Plug Type ID	Port Type	IP-Code	DU	Article no.
Code 0	4 x LSK 8 ELA 3 x SLK 2,8	IP X9K	25	**50290991**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	2,5 to 4	Page 42	50	**50253495**
		4 to 6	Page 42	50	**50253261**
		8 to 12	Page 42	50	**50253336**
Crimp Connector (KOSTAL SLK 2,8)		0,22 to 0,35	Page 30	50	**50253232**
		0,5 to 0,75	Page 30	50	**50253233**
		1,5 to 2,5	Page 30	50	**50253234**
		4	Page 30	50	**50253235**
Seal			Page 119	5000	**50390029**
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)		2,5	Page 71	1	**50282033**
		4 to 6	Page 71	50	**50282026**
		6 to 12	Page 71	50	**50282027**
Sealing-/Protection Plugs ELB (KOSTAL ELB 11,8)			Page 70	20	**50282059**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

3

Seal

	DU	Article no.
	5000	**50390029**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA
KOSTAL SLK 2,8 ELA
Number of Poles: 11 terminal
Plug Type: Blade Terminal Sleeve

50390953

50390937

50390634

Port Type	Version	Plug Type ID	DU	Article no.
8 x MLK 1,2 ELA 3 x SLK 2,8 ELA		Code A	25	**50390953**
	BMW		1	**50390937**
		Code Z	500	**50390634**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
		4	Page 31	50	**50253339**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA
KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 11 terminal
Plug Type: Blade Terminal Sleeve

Info	Version	Plug Type ID	Port Type	DU	Article no.
with fastening clamp	ZF	Code B	7 x MLK 1,2 ELA 4 x SLK 2,8 ELA	150	**50390456**

Accessories	Surface	Cross section mm²	see	DU	
Cap, cable gland			Katalog04	25	**50390457**
			Katalog04	25	**50390458**
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2
Temperature range: to 120 °C
Number of Poles: 12 terminal
Plug Type: Blade Terminal

Version	Plug Type ID	IP-Code	DU	Article no.
BMW	Code A	IP 20	1000	**50390928**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2)	Silver-plated	0,35	Page 25	50	**50253369**
		0,5 to 0,75	Page 25	50	**50253496**
		0,75 to 1	Page 25	50	**50253392**
	Tin-plated	0,35 to 0,5	Page 25	50	**50253360**
		0,75 to 1	Page 25	50	**50253387**

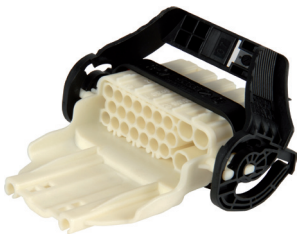
Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA
KOSTAL SLK 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 25 terminal
Plug Type: Blade Terminal Sleeve

50390455

50390454

50390454099



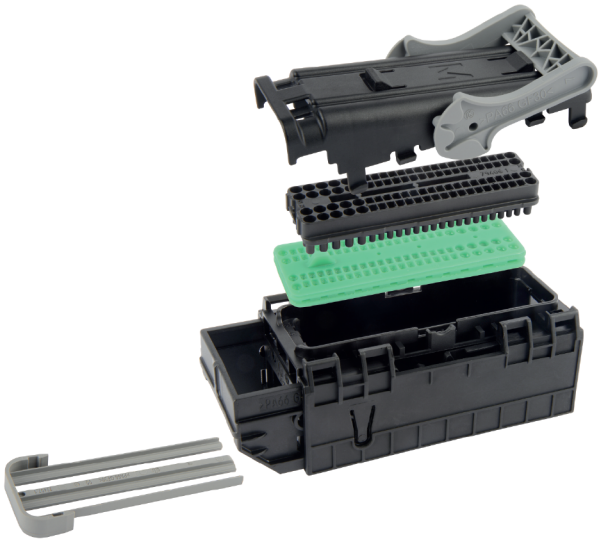
Version	Port Type	Info	Plug Type ID	DU	Article no.
ZF	21 x MLK 1,2 ELA 4 x SLK 2,8 ELA	mit Befestigungsbügel	Code B	150	**50390455**
		with fastening clamp	Code A	5	**50390454**
				150	**50390454099**

Accessories	Surface	Cross section mm²	see	DU	
Cap, cable gland			Katalog04	25	**50390457**
			Katalog04	25	**50390458**
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
		1 to 1,5	Page 23	50	**50253473**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

» HIGH-DENSITY CONNECTOR SYSTEMS

KOSTAL offers solutions for control unit contacting and high-density applications. Alongside their easy handling, these are characterized by their reliable contacting under the most difficult environmental conditions. These housings are available in different variants. They can be used individually as a 58- or 96-pin variant, for example, or combined to form a 154-pin interface. The available caps also mean that the widest range of customer requirements can be realized in terms of cable outlets. All variants are also available without collective seals and collective seal holders as an unsealed version.

High-density plug connector, 58-pin



High-density plug connector, 96-pin

Plug Housing

Manufacturer Restriction:	KOSTAL MLK 1,2 KOSTAL SLK 5,8 ELA
Temperature range:	to 120 °C
Number of Poles:	32 terminal
Plug Type:	Blade Terminal Sleeve

Version	Plug Type ID	DU	Article no.
BMW	Code A	136	**50390466**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 | KOSTAL SLK 2,8
Temperature range: to 130 °C
Number of Poles: 43 terminal
Plug Type: Blade Terminal Sleeve

Version	Plug Type ID	IP-Code	DU	Article no.
GM	Code 0	IP X9K	1	**50390769**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 22	50	**50253967**
		0,17 to 0,25	Page 22	50	**50253475**
		0,35	Page 22	50	**50253477**
		0,5 to 0,75	Page 22	50	**50253478**
		0,75 to 1	Page 22	50	**50253479**
Crimp Connector (KOSTAL SLK 2,8)		0,22 to 0,35	Page 30	50	**50253232**
		0,5 to 0,75	Page 30	50	**50253233**
		1,5 to 2,5	Page 30	50	**50253234**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253224**
		0,5 to 0,75	Page 29	50	**50253225**
		1,5 to 2,5	Page 29	50	**50253226**

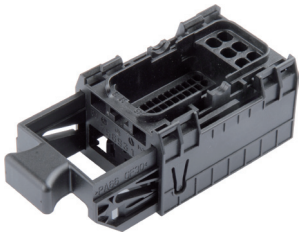
3

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2 | KOSTAL SLK 2,8 ELA
Number of Poles: 58 terminal
Plug Type: Blade Terminal Sleeve

50390409

50390940



Plug Type ID	IP-Code	Version	DU	Article no.
Code 0	IP X9K		10	**50390409**
		Daimler	10	**50390940**

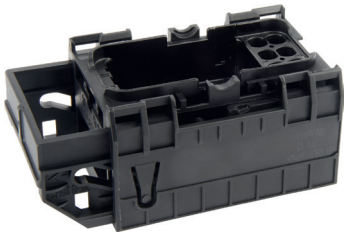
Accessories	Surface	Cross section mm²	see	DU	
Cover Cap, plug housing (KOSTAL MLK 1,2 | KOSTAL SLK 2,8 ELA)			Page 126	25	**50390410**
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Holder, contact carrier			Page 127	50	**50390400**
Sealing-/Protection Plugs (KOSTAL MLK 1,2)			Page 71	50	**50282098**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Secondary Lock, plug housing (KOSTAL)			Page 128	50	**50390401**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2
KOSTAL SLK 2,8 ELA
Number of Poles: 58 terminal
Plug Type: Blade Terminal Sleeve

50390396

50390396099



Plug Type ID	IP-Code		DU	Article no.
Code 0	IP X9K		10	**50390396**
		NEW	340	**50390396099**

Accessories	Surface	Cross section mm²	see	DU	
Cover Cap, plug housing (KOSTAL SLK 2,8 ELA)			Page 126	25	**50390402**
			Page 126	224	**50390917**
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
Holder, contact carrier			Page 127	50	**50390400**
Sealing-/Protection Plugs (KOSTAL MLK 1,2)			Page 71	50	**50282098**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**
Secondary Lock, plug housing (KOSTAL)			Page 128	50	**50390401**

Plug Housing

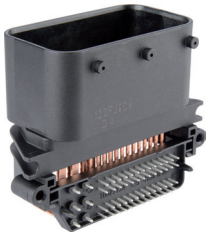
Manufacturer Restriction: KOSTAL MLK 1,2
KOSTAL SLK 2,8 ELA
Number of Poles: 58 terminal
Plug Type: Blade Terminal Sleeve

Version				DU	Article no.
Daimler				340	**50390916**

Accessories	Surface	Cross section mm²	see	DU	
Cover Cap, plug housing (KOSTAL SLK 2,8 ELA)			Page 126	25	**50390402**
			Page 126	224	**50390917**
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Holder, contact carrier			Page 127	50	**50390400**
Sealing-/Protection Plugs (KOSTAL MLK 1,2)			Page 71	50	**50282098**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**
Secondary Lock, plug housing (KOSTAL)			Page 128	50	**50390401**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2
KOSTAL SLK 2,8
Temperature range: to 130 °C
Number of Poles: 58 terminal



Version		DU	Article no.
ZF		112	**50390682**
Accessories	**see**	**DU**	
Plug Housing (KOSTAL MLK 1,2 | KOSTAL SLK 2,8 ELA)	Page 124	340	**50390916**
	Page 123	10	**50390940**

Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2
KOSTAL SLK 2,8 ELA
Temperature range: to 110 °C
Number of Poles: 86 terminal
Plug Type: Blade Terminal Sleeve

50390328

50390328099

Version	Plug Type ID		DU	Article no.
Daimler	Code A		10	**50390328**
		NEW	180	**50390328099**

Accessories	Surface	Cross section mm²	see	DU	
Cover Cap, plug housing			Page 126	35	**50390327**
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
Holder (KOSTAL MLK 1,2 | KOSTAL SLK 2,8)			Page	20	**50390325**
			Page	20	**50390326**
Insulator			Page	10	**50390323**
			Page	10	**50390324**
Seal (KOSTAL MLK 1,2 | KOSTAL THP)			Page	20	**50390322**

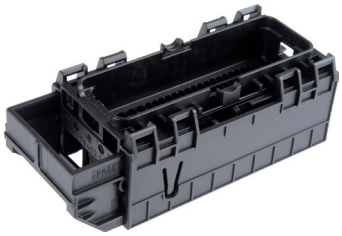
Plug Housing

Manufacturer Restriction: KOSTAL MLK 1,2
Number of Poles: 96 terminal
Plug Type: Blade Terminal Sleeve

50390395

50390395099

50390929



IP-Code	Version	Plug Type ID	DU	Article no.
IP X9K		Code 0	5	**50390395**
			255	**50390395099**
	Daimler		255	**50390929**

Accessories	Surface	Cross section mm²	see	DU	
Cover Cap, plug housing (KOSTAL)			Page 127	20	**50390399**
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Holder, contact carrier			Page 127	50	**50390397**
Sealing-/Protection Plugs (KOSTAL MLK 1,2)			Page 71	50	**50282099**
Secondary Lock, plug housing			Page 128	50	**50390398**

3

Cover Cap, plug housing

Manufacturer Restriction: KOSTAL SLK 2,8ELA
Number of Poles: 58 terminal

50390402099

50390402

50390917

50390410

Info		DU	Article no.
mit Hebel	NEW	350	**50390402099**
with lever		25	**50390402**
		224	**50390917**
without lever		25	**50390410**

Cover Cap, plug housing

Number of Poles: 86 terminal
Material: Plastic

50390327

50390327099

Version		DU	Article no.
Daimler		35	**50390327**
	NEW	350	**50390327099**

Cover Cap, plug housing

Manufacturer Restriction: KOSTAL
Number of Poles: 96 terminal

50390399

50390412

Info	DU	Article no.
with lever	20	**50390399**
without lever	25	**50390412**

Holder, contact carrier

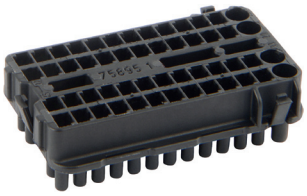
Manufacturer Restriction: KOSTAL THP **Number of Poles:** 28 terminal

	DU	Article no.
	1	**50390770**

3

Holder, contact carrier

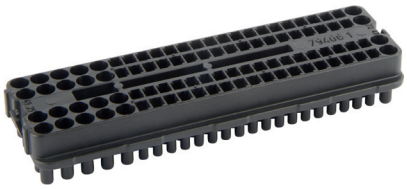
Number of Poles: 52 terminal



	DU	Article no.
	50	**50390400**

Holder, contact carrier

Number of Poles: 96 terminal



	DU	Article no.
	50	**50390397**

Secondary Lock, plug housing

Manufacturer Restriction: KOSTAL THP

	DU	Article no.
	1	**50390771**

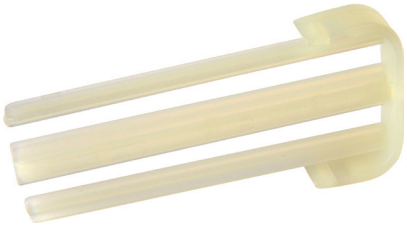
Secondary Lock, plug housing

Manufacturer Restriction: KOSTAL

	DU	Article no.
	50	**50390401**
for article number		
50390409		

Secondary Lock, plug housing

Manufacturer Restriction: KOSTAL THP **Number of Poles:** 80 terminal

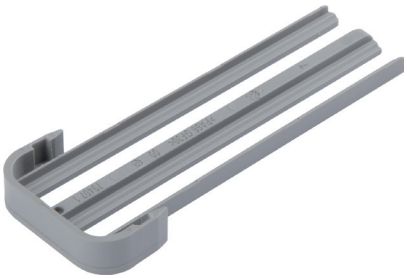


	DU	Article no.
	3000	**50390527**

3

Secondary Lock, plug housing

Number of Poles: 96 terminal



	DU	Article no.
	50	**50390398**

Sealing-/Protection Plugs

Manufacturer Restriction: KOSTAL MLK 1,2 **Number of Poles:** 28 terminal

	Colour	DU	Article no.
		1	**50282097**

Sealing-/Protection Plugs

Manufacturer Restriction: KOSTAL MLK 1,2 **Number of Poles:** 52 terminal

	Colour	DU	Article no.
		50	**50282098**

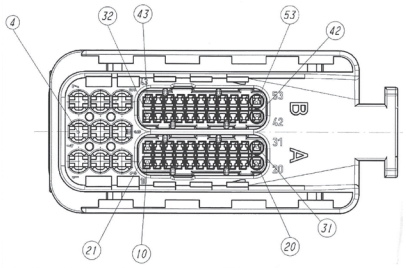
Sealing-/Protection Plugs

Manufacturer Restriction: KOSTAL MLK 1,2 **Number of Poles:** 96 terminal

	Colour	DU	Article no.
		50	**50282099**

Plug Housing Set

Manufacturer KOSTAL MLK 1,2
Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 53 terminal
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



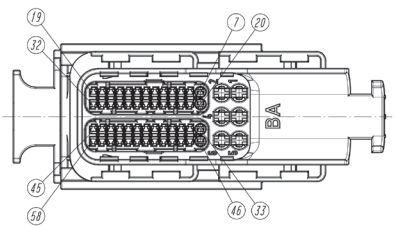
Info	Version	Plug Type ID	IP-Code	DU	Article no.
with seal	Daimler	Code A	IP X9K	1	**50390300**

Content	Number of Poles terminal	QU	
Cover Cap, plug housing	53	1	**50390045**
Holder, contact carrier	22	1	**50390148**
	22	1	**50390149**
Insulator	22	1	**50390146**
	22	1	**50390147**
Plug Housing (KOSTAL MLK 1,2 | KOSTAL SLK 2,8 ELA)	53	1	**50390151**
Secondary Lock, plug housing	44	1	**50390150**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
		4	Page 31	50	**50253339**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
		4	Page 29	50	**50253344**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing Set

Manufacturer KOSTAL MLK 1,2
Restriction: KOSTAL SLK 2,8
Number of Poles: 58 terminal
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



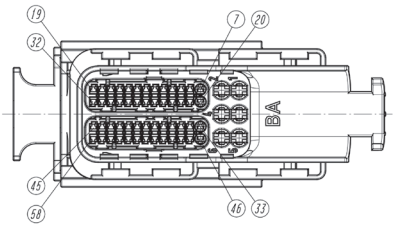
Info	Version	Plug Type ID	IP-Code	DU	Article no.
without gasket / seal	Daimler	Code 0	IP X9K	1	**50390301**

Content	Number of Poles terminal	QU	
Cover Cap, plug housing	53	1	**50390045**
Insulator	26	1	**50390051**
	26	1	**50390052**
Plug Housing (KOSTAL MLK 1,2 | KOSTAL SLK 2,8)	58	1	**50390073**
Secondary Lock, plug housing	52	1	**50390054**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
		4	Page 31	50	**50253339**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
		4	Page 29	50	**50253344**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing Set

Manufacturer KOSTAL MLK 1,2
Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 58 terminal
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



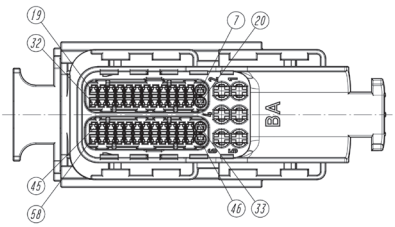
Info	Version	Plug Type ID	IP-Code	DU	Article no.
with seal	Daimler	Code 0	IP X9K	1	**50390302**

Content	Number of Poles terminal	QU	
Cover Cap, plug housing	53	1	**50390045**
Holder, contact carrier	26	1	**50390067**
	26	1	**50390072**
Insulator	26	1	**50390068**
	26	1	**50390071**
Plug Housing (KOSTAL MLK 1,2 | KOSTAL SLK 2,8)	58	1	**50390073**
Secondary Lock, plug housing	52	1	**50390054**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
		4	Page 31	50	**50253339**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
		4	Page 29	50	**50253344**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing Set

Manufacturer KOSTAL MLK 1,2
Restriction: KOSTAL SLK 2,8
Number of Poles: 58 terminal
Shape: angled
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



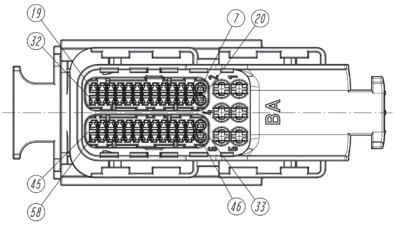
Info	Version	Plug Type ID	IP-Code	DU	Article no.
without gasket / seal	Daimler	Code 0	IP X9K	1	**50390303**

Content	Number of Poles terminal	QU	
Cover Cap, plug housing		1	**50390053**
Insulator	26	1	**50390051**
	26	1	**50390052**
Plug Housing (KOSTAL MLK 1,2 | KOSTAL SLK 2,8)	58	1	**50390049**
Secondary Lock, plug housing	52	1	**50390054**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
		4	Page 31	50	**50253339**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
		4	Page 29	50	**50253344**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing Set

Manufacturer KOSTAL MLK 1,2
Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 58 terminal
Shape: angled
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



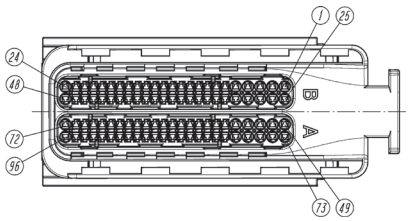
Info	Version	Plug Type ID	IP-Code	DU	Article no.
with seal	Daimler	Code 0	IP X9K	1	**50390304**

Content	Number of Poles terminal	QU	
Cover Cap, plug housing		1	**50390053**
Holder, contact carrier	26	1	**50390067**
	26	1	**50390072**
Insulator	26	1	**50390068**
	26	1	**50390071**
Plug Housing (KOSTAL MLK 1,2 | KOSTAL SLK 2,8)	58	1	**50390049**
Secondary Lock, plug housing	52	1	**50390054**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	**50253388**
		0,35	Page 19	50	**50253440**
		0,5 to 0,75	Page 19	50	**50253442**
		0,75 to 1	Page 19	50	**50253444**
Crimp Connector (KOSTAL SLK 2,8 ELA)		0,22 to 0,35	Page 31	50	**50253236**
		0,5 to 0,75	Page 31	50	**50253237**
		1,5 to 2,5	Page 31	50	**50253238**
		4	Page 31	50	**50253339**
	Tin-plated	0,22 to 0,35	Page 29	50	**50253228**
		0,5 to 0,75	Page 29	50	**50253229**
		1,5 to 2,5	Page 29	50	**50253230**
		4	Page 29	50	**50253344**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)			Page 70	1	**50282030**

Plug Housing Set

Manufacturer KOSTAL MLK 1,2
Restriction:
Number of Poles: 96 terminal
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



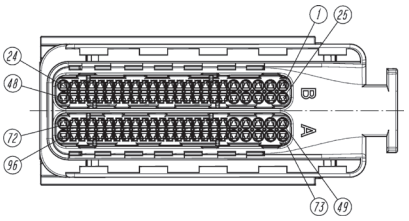
Info	Version	Plug Type ID	IP-Code	DU	Article no.
without gasket / seal	Daimler	Code 0	IP X9K	1	**50390305**

Content	Number of Poles terminal	QU	
Cover Cap, plug housing		1	**50390057**
Insulator	48	1	**50390055**
	48	1	**50390056**
Plug Housing (KOSTAL MLK 1,2)	96	1	**50390050**
Secondary Lock, plug housing	96	1	**50390058**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 22	50	**50253967**
		0,17 to 0,25	Page 22	50	**50253475**
		0,35	Page 22	50	**50253477**
		0,5 to 0,75	Page 22	50	**50253478**
		0,75 to 1	Page 22	50	**50253479**
		1 to 1,5	Page 22	50	**50253481**
	Tin-plated	0,12 to 0,14	Page 20	50	**50253966**
		0,17 to 0,25	Page 20	50	**50253476**
		0,35	Page 20	50	**50253462**
		0,5 to 0,75	Page 20	50	**50253483**
		0,75 to 1	Page 20	50	**50253480**
		1 to 1,5	Page 20	50	**50253482**
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
		1 to 1,5	Page 23	50	**50253473**
	Tin-plated	0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
		1 to 1,5	Page 21	50	**50253474**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**
Sealing-/Protection Plugs ELB (KOSTAL ELB 4)			Page 70	1	**50282031**

Plug Housing Set

Manufacturer Restriction: KOSTAL MLK 1,2
Number of Poles: 96 terminal
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



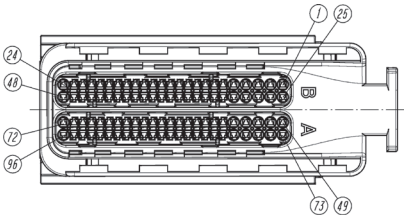
Info	Version	Plug Type ID	IP-Code	DU	Article no.
with seal	Daimler	Code 0	IP X9K	1	**50390306**

Content	Number of Poles terminal	QU	
Cover Cap, plug housing		1	**50390057**
Holder, contact carrier	48	1	**50390091**
	48	1	**50390092**
Insulator	48	1	**50390069**
	48	1	**50390085**
Plug Housing (KOSTAL MLK 1,2)	96	1	**50390050**
Secondary Lock, plug housing	96	1	**50390058**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 22	50	**50253967**
		0,17 to 0,25	Page 22	50	**50253475**
		0,35	Page 22	50	**50253477**
		0,5 to 0,75	Page 22	50	**50253478**
		0,75 to 1	Page 22	50	**50253479**
		1 to 1,5	Page 22	50	**50253481**
	Tin-plated	0,12 to 0,14	Page 20	50	**50253966**
		0,17 to 0,25	Page 20	50	**50253476**
		0,35	Page 20	50	**50253462**
		0,5 to 0,75	Page 20	50	**50253483**
		0,75 to 1	Page 20	50	**50253480**
		1 to 1,5	Page 20	50	**50253482**
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
		1 to 1,5	Page 23	50	**50253473**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
		1 to 1,5	Page 21	50	**50253474**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**
Sealing-/Protection Plugs ELB (KOSTAL ELB 4)			Page 70	1	**50282031**

Plug Housing Set

Manufacturer KOSTAL MLK 1,2
Restriction:
Number of Poles: 96 terminal
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



Info	Version	Plug Type ID	IP-Code	DU	Article no.
without gasket / seal	Daimler	Code A	IP X9K	1	**50390307**

Content	Number of Poles terminal	QU	
Cover Cap, plug housing		1	**50390256**
Insulator	48	1	**50390055**
	48	1	**50390056**
Plug Housing (KOSTAL MLK 1,2)	96	1	**50390255**
Secondary Lock, plug housing	96	1	**50390058**

Accessories	Surface	Cross section mm²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 22	50	**50253967**
		0,17 to 0,25	Page 22	50	**50253475**
		0,35	Page 22	50	**50253477**
		0,5 to 0,75	Page 22	50	**50253478**
		0,75 to 1	Page 22	50	**50253479**
		1 to 1,5	Page 22	50	**50253481**
	Tin-plated	0,12 to 0,14	Page 20	50	**50253966**
		0,17 to 0,25	Page 20	50	**50253476**
		0,35	Page 20	50	**50253462**
		0,5 to 0,75	Page 20	50	**50253483**
		0,75 to 1	Page 20	50	**50253480**
		1 to 1,5	Page 20	50	**50253482**
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 23	50	**50253484**
		0,35	Page 23	50	**50253463**
		0,5 to 0,75	Page 23	50	**50253464**
		0,75 to 1	Page 23	50	**50253465**
		1 to 1,5	Page 23	50	**50253473**
	Tin-plated	0,17 to 0,25	Page 21	50	**50253469**
		0,35	Page 21	50	**50253470**
		0,5 to 0,75	Page 21	50	**50253471**
		0,75 to 1	Page 21	50	**50253472**
		1 to 1,5	Page 21	50	**50253474**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)		0,22 to 1	Page 71	1	**50282021**
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)			Page 70	1	**50282018**
Sealing-/Protection Plugs ELB (KOSTAL ELB 4)			Page 70	1	**50282031**

KOSTAL KHV 600

» KOSTAL KHV 600

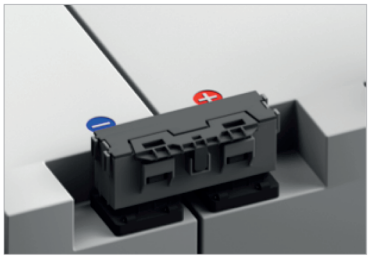
The foundation of the KOSTAL KHV 600 family is the already established PLK 14.5 contact. With 24 active contact zones on the contact lamella, it guarantees the highest performance and safety. The shielded housings of the KHV 600 family feature a solid locking latch and CPA elements, thereby guaranteeing the highest degree of safety and handling convenience. The connector systems are available in versions with 1 to 4 pins and impress with their compact shape. Alongside an interlock contact, the connector strips also feature contact protection for the contact blades. In addition to the KHV 600 family, there are other specific applications and housing types for the PLK 14.5 contact, such as for connecting battery modules and power cells. We are at your service if you require in-depth advice related to the topic of high voltage.

High-voltage connector system KHV 600, 1-pin

High-voltage connector system KHV 600, 1-pin

High-voltage connector system KHV 600, 2-pin

High-voltage connector system KHV 600, 3-pin



Module connector

Plug Housing

Manufacturer Restriction: KOSTAL KHV 600
Temperature range: to 140 °C
Number of Poles: 1 terminal
Plug Type: Blade Terminal Sleeve

Plug Type ID				DU	Article no.
Code A				80	**50390765**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Cover Cap, plug housing (KOSTAL PLK 14,5)		16	Page 140	50	**50390513**
		25	Page 140	50	**50390514**
		35	Page 140	50	**50390518**
		50	Page 140	50	**50390926**
Crimp Connector (KOSTAL PLK 14,5)	Silver-plated	12 to 16	Page 45	10	**50253505**
		16 to 25	Page 45	10	**50253506**
		25 to 35	Page 45	10	**50253507**
		35 to 50	Page 45	10	**50253996**
Sealing-/Protection Plugs ELA (KOSTAL PLK 14,5)		16	Page 70	20	**50282069**
		25	Page 70	20	**50282070**
		35	Page 70	20	**50282072**
		50	Page 70	20	**50282077**
Split Sleeve (KOSTAL PLK 14,5)		15 to 35	Page 139	1100	**50253703**
		35 to 50	Page 139	1100	**50253704**

Plug Housing

Manufacturer Restriction: KOSTAL KHV 600
Temperature range: to 150 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal Sleeve

50390509

50390509099

50390510

50390699

Version	Plug Type ID				DU	Article no.
	Code A				1	**50390509**
					50	**50390509099**
	Code B				1	**50390510**
BMW	Code Z				116	**50390699**
Accessories	**Surface**	**Cross section mm²**	**see**	**only for**	**DU**	
Cover Cap, plug housing (KOSTAL PLK 14,5)		16	Page 140		50	**50390513**
		25	Page 140		50	**50390514**
		35	Page 140		50	**50390518**
		50	Page 140		50	**50390926**
Crimp Connector (KOSTAL PLK 14,5)	Silver-plated	12 to 16	Page 45		10	**50253505**
		16 to 25	Page 45		10	**50253506**
		25 to 35	Page 45		10	**50253507**
		35 to 50	Page 45		10	**50253996**
Seal (KOSTAL PLK 14,5)			Page 139	50390699	100	**50390560**
Sealing-/Protection Plugs ELA (KOSTAL PLK 14,5)		16	Page 70		20	**50282069**
		25	Page 70		20	**50282070**
		35	Page 70		20	**50282072**
		50	Page 70		20	**50282077**
Split Sleeve (KOSTAL PLK 14,5)		15 to 35	Page 139		1100	**50253703**
		35 to 50	Page 139		1100	**50253704**

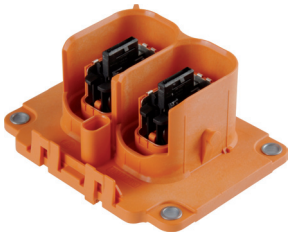
Plug Housing

Manufacturer Restriction: KOSTAL KHV 600
Temperature range: to 140 °C
Number of Poles: 2 terminal
Plug Type: Blade Terminal

50390519

50390554

50390923



Version		Plug Type ID			DU	Article no.
		Code A			24	**50390519**
		Code B			240	**50390554**
BMW		Code A			24	**50390923**
Accessories	**Surface**	**Cross section mm²**	**see**	**only for**	**DU**	
Crimp Connector (KOSTAL MLK 1,2)	Silver-plated	0,5 to 0,75	Page 25	50390519	50	**50253496**
Retaining Plate (KOSTAL PLK 14,5)			Page 140	50390519	1	**50253805**

3

Plug Housing

Manufacturer Restriction: KOSTAL KHV 600
Temperature range: to 150 °C
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve

50390511

50390512

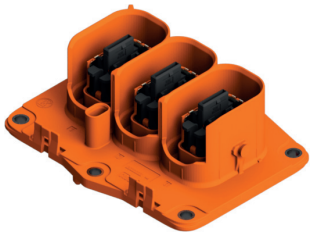
Plug Type ID				DU	Article no.
Code A				1	**50390511**
Code B				1	**50390512**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Cover Cap, plug housing (KOSTAL PLK 14,5)		16	Page 140	50	**50390513**
		25	Page 140	50	**50390514**
		35	Page 140	50	**50390518**
		50	Page 140	50	**50390926**
Crimp Connector (KOSTAL PLK 14,5)	Silver-plated	12 to 16	Page 45	10	**50253505**
		16 to 25	Page 45	10	**50253506**
		25 to 35	Page 45	10	**50253507**
		35 to 50	Page 45	10	**50253996**
Sealing-/Protection Plugs ELA (KOSTAL PLK 14,5)		16	Page 70	20	**50282069**
		25	Page 70	20	**50282070**
		35	Page 70	20	**50282072**
		50	Page 70	20	**50282077**
Split Sleeve (KOSTAL PLK 14,5)		15 to 35	Page 139	1100	**50253703**
		35 to 50	Page 139	1100	**50253704**

Plug Housing

Manufacturer Restriction: KOSTAL KHV 600
Temperature range: to 140 °C
Number of Poles: 3 terminal
Plug Type: Blade Terminal

50390767

50390768



Plug Type ID				DU	Article no.
Code A				20	**50390767**
Code B				20	**50390768**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Crimp Connector (KOSTAL MLK 1,2)	Silver-plated	0,5 to 0,75	Page 25	50	**50253496**

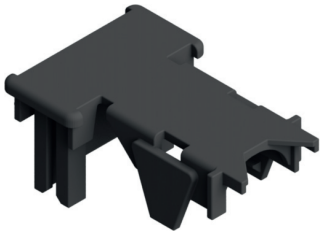
Plug Housing

Manufacturer Restriction: KOSTAL PLK 14,5
Temperature range: to 120 °C
Number of Poles: 1 terminal
Plug Type: Blade Terminal Sleeve

Plug Type ID	DU	Article no.
Code Z	1	**50390633**

Cover Cap, plug housing

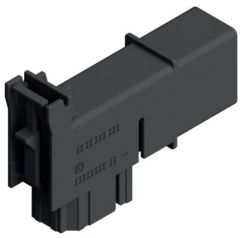
Manufacturer Restriction: KOSTAL PLK 14,5



	DU	Article no.
	2000	**50390803**

Plug Housing

Manufacturer Restriction: KOSTAL PLK 14,5
Number of Poles: 1 terminal
Shape: angled
Plug Type: Blade Terminal Sleeve



Plug Type ID	DU	Article no.
Code Z	750	**50390742**

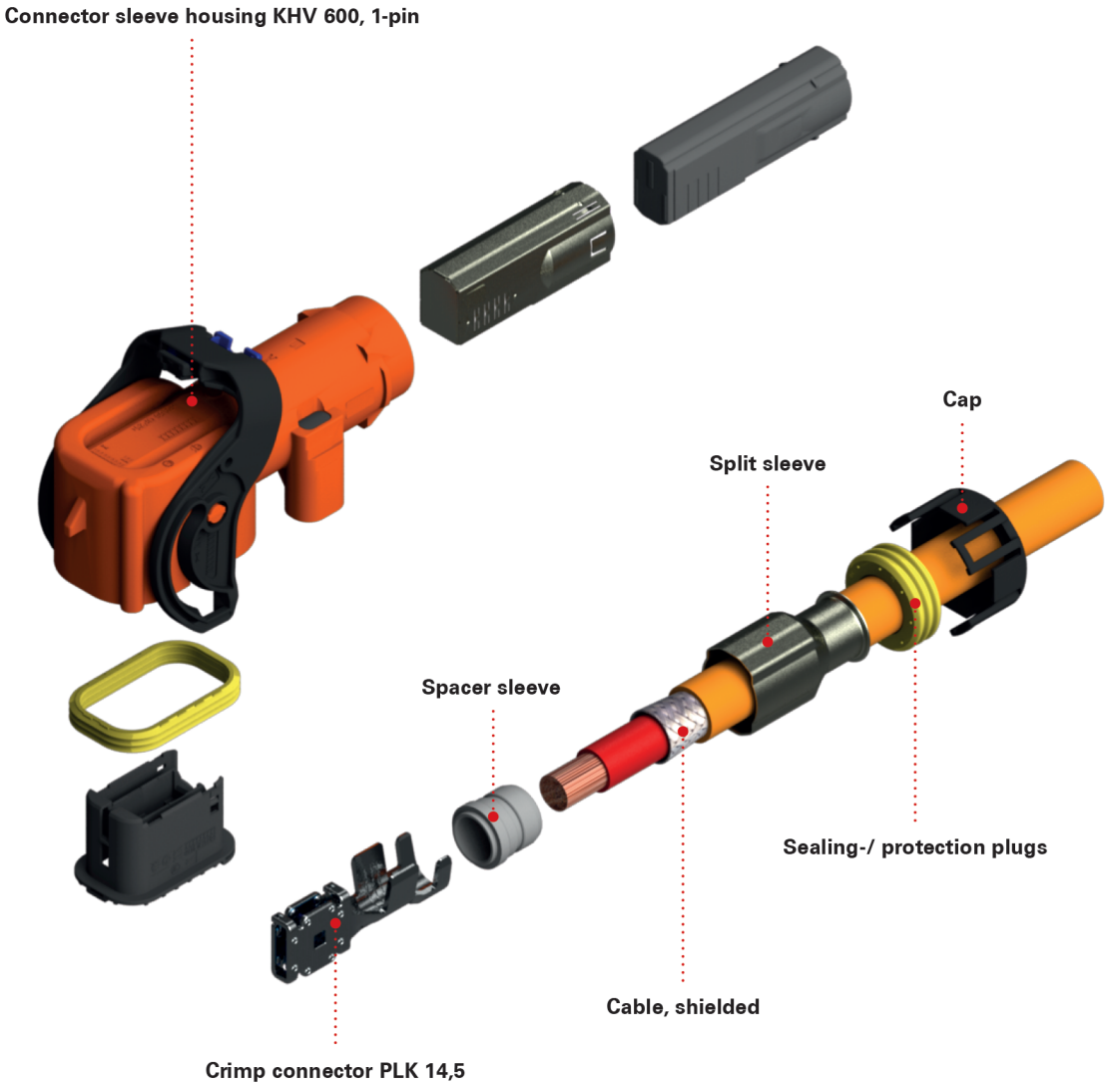
Plug Housing

Manufacturer Restriction:	KOSTAL PLK 14,5
Number of Poles:	1 terminal
Shape:	straight
Plug Type:	Blade Terminal Sleeve

Plug Type ID	DU	Article no.
Code Z	1000	**50390743**

» SCHEMATIC DIAGRAM

Shielded cable set for 1- to 4-pin receptacle



Spacer Sleeve

Manufacturer Restriction: KOSTAL PLK 14,5
Material: Duroplast

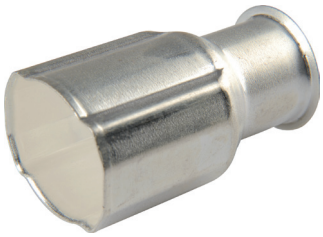
Cross section mm²	DU	Article no.
25	1500	**50253706**

Split Sleeve

Manufacturer Restriction: KOSTAL PLK 14,5
Info: Covered

50253703

50253704



Cross section mm²	DU	Article no.
15 to 35	1100	**50253703**
35 to 50	1100	**50253704**

ELA

Sealing-/Protection Plugs

Manufacturer Restriction: KOSTAL PLK 14,5

50282069

50282070

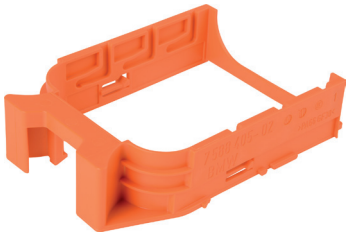
50282072

50282077

Cross section mm²	Colour	DU	Article no.
16		20	**50282069**
25		20	**50282070**
35		20	**50282072**
50		20	**50282077**

Seal

Manufacturer Restriction: KOSTAL PLK 14,5



Version	DU	Article no.
BMW	100	**50390560**

Cover Cap, plug housing

Manufacturer Restriction: KOSTAL PLK 14,5
Info: Covered

50390513

50390514

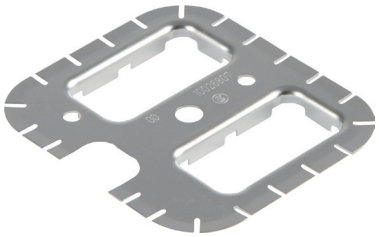
50390518

50390926

Cross section mm²	Colour	DU	Article no.
16		50	**50390513**
25		50	**50390514**
35		50	**50390518**
50		50	**50390926**

Retaining Plate

Manufacturer Restriction: KOSTAL PLK 14,5



	DU	Article no.
	1	**50253805**

ELPARTS

INSTALLATION Verbinder | Befestigungsteile | Kabelbinder | Dichtungen+Tüllen | Isolierband | Schläuche+Rohre | Kabel+Kabelverbindungen | Batteriezubehör | Steckgehäuse | Sicherungen | Stecker+Steckdosen | Sortimente

Hilft! Schläuche+Rohre für Fahrzeuge.

Hilft! Schläuche+Rohre aus unserem Sortiment Elparts.
In unserem Sortiment Elparts bieten wir Isolierschläuche, Wärmeschrumpfschläuche und Wellrohre an. Spiralschläuche vervollständigen unser Sortiment auch für den speziellen Anwendungsfall. Geflechtschlauch und Schrumpfschlauch gibt es auch in einer praktischen Dispenserbox.

Passt immer!

Pin case
Connector housing

» PIN CASE

The products described on the following pages were developed to meet the technical requirements of German vehicle manufacturers. An important feature of the housing is that a common interface is defined on the device side. This makes it possible for the first time for units that are used as identical parts by different vehicle manufacturers to be contacted with the same connector housing. These housings impress with both a robust, compact design and a high performance spectrum. They are particularly suited for critical application areas within the engine bay, where the properties regarding vibration and also the water-tightness of the connection in line with IP 69K come into their own.

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KOSTAL LKS 1,5 ELA

» LKS 1.5 ELA HOUSING FAMILY

This housing family is designed for multi-pin connections in a compact, round shape. Alongside wire-to-wire connections – and in combination with oil-tight connector strips – this housing family is primarily suitable for contacting in the transmission and in areas which are exposed to oil. Thanks to its high level of involvement in various OEM projects, KOSTAL is able to draw from extensive experience and expertise in this area: a factor which is absolutely imperative for this sensitive area.

We are at your service if you require in-depth advice related to this topic.

Connector housing LKS 1,5 ELA, 4-pin

Connector housing LKS 1,5 ELA, 16-pin

Connector housing LKS 1,5 ELA, 20-pin

Pin case LKS 1,5 ELA, 4-pin

Pin case RK 1,5, 16-pin

Pin case RK 1,5, 20-pin

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 4 terminal
Plug Type: Round Connector Sleeve

50290948

50290730

50290730099

50290732

50290732099

50290734

50290734099

50290318

50390144

IP-Code	Version	Plug Type ID	DU	Article no.
IP X9K	BMW	Code 0	2	**50290948**
		Code A	10	**50290730**
			500	**50290730099**
		Code B	10	**50290732**
			500	**50290732099**
		Code C	10	**50290734**
			500	**50290734099**
	Daimler	Code A	2500	**50290318**
		Code D	10	**50390144**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 51	50	**50253281**
		0,5 to 1	Page 51	50	**50253282**
		1 to 2,5	Page 51	50	**50253283**
	Tin-plated	0,25 to 0,5	Page 49	50	**50253273**
		0,5 to 1	Page 49	50	**50253274**
		1 to 2,5	Page 49	50	**50253275**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 4 terminal
Plug Type: Round Plug

50290943

50290731

50290733

50290733099

50290735

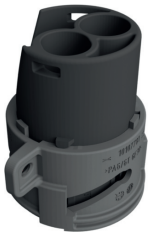
50390341

IP-Code	Version	Plug Type ID	DU	Article no.
IP X9K	BMW	Code 0	2	**50290943**
		Code A	10	**50290731**
		Code B	10	**50290733**
			250	**50290733099**
		Code C	10	**50290735**
	Daimler	Code D	10	**50390341**

Accessories	Surface	Cross section mm²	see	DU	
Contact Pin (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 54	50	**50253297**
		0,75 to 1	Page 54	50	**50253298**
		1 to 2,5	Page 54	50	**50253299**
	Tin-plated	0,25 to 0,5	Page 53	50	**50253289**
		0,75 to 1	Page 53	50	**50253290**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**

Plug Housing

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
Temperature range: to 130 °C
Number of Poles: 5 terminal
Plug Type: Round Connector Sleeve



Version	Plug Type ID	IP-Code	DU	Article no.
Daimler	Code A	IP X9K	450	**50390754**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
	Tin-plated	0,25 to 0,5	Page 50	50	**50253271**
		0,5 to 1	Page 50	50	**50253272**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

3

Plug Housing

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
Temperature range: to 130 °C
Number of Poles: 5 terminal
Plug Type: Round Connector Sleeve

Version	Plug Type ID	IP-Code	DU	Article no.
Daimler	Variante 2	IP X9K	700	**50390414**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
	Tin-plated	0,25 to 0,5	Page 50	50	**50253271**
		0,5 to 1	Page 50	50	**50253272**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Temperature range: to 150 °C
Number of Poles: 5 terminal
Plug Type: Round Plug

Version	Plug Type ID	IP-Code	DU	Article no.
BMW+ Rover	Code B	IP X9K	5	**50290737**

Accessories	Surface	Cross section mm²	see	DU	
Contact Pin (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 54	50	**50253297**
		0,75 to 1	Page 54	50	**50253298**
		1 to 2,5	Page 54	50	**50253299**
	Tin-plated	0,25 to 0,5	Page 53	50	**50253289**
		0,75 to 1	Page 53	50	**50253290**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**

3

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 8 terminal
Plug Type: Round Connector Sleeve

Version	Plug Type ID	IP-Code	DU	Article no.
BMW+Rover	Code A	IP X9K	5	**50290740**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 51	50	**50253281**
		0,5 to 1	Page 51	50	**50253282**
		1 to 2,5	Page 51	50	**50253283**
	Tin-plated	0,25 to 0,5	Page 49	50	**50253273**
		0,5 to 1	Page 49	50	**50253274**
		1 to 2,5	Page 49	50	**50253275**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 10 terminal
Plug Type: Round Connector Sleeve

50290742

50290742099

50290744

Version	IP-Code	Plug Type ID	DU	Article no.
BMW+Rover	IP X9K	Code A	5	**50290742**
			100	**50290742099**
		Code B	2	**50290744**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 51	50	**50253281**
		0,5 to 1	Page 51	50	**50253282**
		1 to 2,5	Page 51	50	**50253283**
	Tin-plated	0,25 to 0,5	Page 49	50	**50253273**
		0,5 to 1	Page 49	50	**50253274**
		1 to 2,5	Page 49	50	**50253275**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**

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Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 10 terminal
Plug Type: Round Plug

Version	Plug Type ID	IP-Code	DU	Article no.
BMW+Rover	Code B	IP X9K	2	**50290745**

Accessories	Surface	Cross section mm²	see	DU	
Contact Pin (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 54	50	**50253297**
		0,75 to 1	Page 54	50	**50253298**
		1 to 2,5	Page 54	50	**50253299**
	Tin-plated	0,25 to 0,5	Page 53	50	**50253289**
		0,75 to 1	Page 53	50	**50253290**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 12 terminal
Plug Type: Round Connector Sleeve

Version		DU	Article no.
Daimler	NEW	240	**50290907**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 51	50	**50253281**
		0,5 to 1	Page 51	50	**50253282**
		1 to 2,5	Page 51	50	**50253283**
	Tin-plated	0,25 to 0,5	Page 49	50	**50253273**
		0,5 to 1	Page 49	50	**50253274**
		1 to 2,5	Page 49	50	**50253275**
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	**50282022**
		1,5 to 2,5	Page 71	1	**50282023**

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Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA-U
Number of Poles: 16 terminal
Plug Type: Round Connector Sleeve

50290686

50290746099

Plug Type ID	IP-Code	Version	DU	Article no.
Code A	IP X9K		500	**50290686**
		BMW	100	**50290746099**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
	Tin-plated	0,25 to 0,5	Page 50	50	**50253271**
		0,5 to 1	Page 50	50	**50253272**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

Plug Housing

Manufacturer Restriction: KOSTAL RK 1,5
Temperature range: to 130 °C
Number of Poles: 16 terminal
Plug Type: Round Plug

50390774

50290669

Plug Type ID	IP-Code	Version	DU	Article no.
Code A	IP X9K		1	**50390774**
		BMW+ZF	5	**50290669**

Accessories	Surface	Cross section mm²	see	DU	
Contact Pin (KOSTAL RK 1,5 MC)	Silver-plated	0,5 to 1	Page 56	50	**50253938**

3

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 16 terminal
Plug Type: Round Connector Sleeve

Plug Type ID	IP-Code	DU	Article no.
Code A	IP X9K	1	**50390531**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
	Tin-plated	0,25 to 0,5	Page 50	50	**50253271**
		0,5 to 1	Page 50	50	**50253272**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA-U
Temperature range: to 130 °C
Number of Poles: 16 terminal
Plug Type: Round Connector Sleeve

50390352

50390948

Plug Type ID	Version	DU	Article no.
Code A	Audi VW	1	**50390352**
	BMW	1	**50390948**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
	Tin-plated	0,25 to 0,5	Page 50	50	**50253271**
		0,5 to 1	Page 50	50	**50253272**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 18 terminal
Plug Type: Round Connector Sleeve

Version	Plug Type ID	IP-Code	DU	Article no.
BMW+ZF	Code A	IP X9K	2	**50290007**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
	Tin-plated	0,25 to 0,5	Page 50	50	**50253271**
		0,5 to 1	Page 50	50	**50253272**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 18 terminal
Plug Type: Round Plug

Version	Plug Type ID	IP-Code	DU	Article no.
BMW+ZF	Code A	IP X9K	2	**50390078**

Accessories	Surface	Cross section mm²	see	DU	
Contact Pin (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 55	50	**50253295**
		0,75 to 1	Page 55	50	**50253296**
	Tin-plated		Page 53	50	**50253288**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 20 terminal
Plug Type: Round Connector Sleeve

50290750

50390219

Plug Type ID	IP-Code	Version	DU	Article no.
Code A	IP X9K	BMW+Rover	1	**50290750**
		VW	1	**50390219**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
	Tin-plated	0,25 to 0,5	Page 50	50	**50253271**
		0,5 to 1	Page 50	50	**50253272**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

3

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 20 terminal
Plug Type: Round Plug

50290751

50290751099

Version	Plug Type ID	IP-Code	DU	Article no.
BMW+Rover	Code A	IP X9K	2	**50290751**
			50	**50290751099**

Accessories	Surface	Cross section mm²	see	DU	
Contact Pin (KOSTAL RK 1,5 MC)	Silver-plated	0,5 to 1	Page 56	50	**50253938**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA-U
Temperature range: to 130 °C
Number of Poles: 20 terminal
Plug Type: Round Connector Sleeve

Plug Type ID	DU	Article no.
Code A	500	**50390924**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
	Tin-plated	0,25 to 0,5	Page 50	50	**50253271**
		0,5 to 1	Page 50	50	**50253272**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

Plug Housing

Manufacturer Restriction: KOSTAL RK 1,5
Temperature range: to 130 °C
Number of Poles: 20 terminal
Plug Type: Round Plug

Info	Plug Type ID	IP-Code	DU	Article no.
ohne Arretierung	Code A	IP X9K	500	**50390694**

Accessories	Surface	Cross section mm²	see	DU	
Contact Pin (KOSTAL RK 1,5 MC)	Silver-plated	0,5 to 1	Page 56	50	**50253938**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 24 terminal
Plug Type: Round Connector Sleeve

50290752

50290752099

Version	Plug Type ID	IP-Code	DU	Article no.
ZF	Code A	IP X9K	2	**50290752**
			52	**50290752099**

Accessories	Surface	Cross section mm²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 24 terminal
Plug Type: Round Plug

50290920

Version	Plug Type ID	IP-Code	DU	Article no.
ZF	Code A	IP X9K	2	**50290920**

Accessories	Surface	Cross section mm²	see	DU	
Contact Pin (KOSTAL RK 1,5 MC)	Silver-plated	0,5 to 1	Page 56	50	**50253938**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Number of Poles: 26 terminal
Plug Type: Round Connector Sleeve

				DU	Article no.
				336	**50390606**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

Plug Housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA-U
Number of Poles: 26 terminal
Plug Type: Round Connector Sleeve

50390934

50390939

Plug Type ID				DU	Article no.
Code A				400	**50390934**
Code B				400	**50390939**
Accessories	**Surface**	**Cross section mm²**	**see**	**DU**	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 52	50	**50253279**
		0,5 to 1	Page 52	50	**50253280**
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	**50282028**

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95945431
KOSTAL
10023781
44/13
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Release Tools

Release Tool, flat-/round plug	**160 - 165**
Release tool, housing	**166**
Release Tools	**163**

Release Tool, flat-/round plug

» RELEASE TOOLS

Changing contacts, simply!
One look at the internal workings of modern cars and even a layman can see that everything relating to electrics has become finer and smaller. Where in the past, large connections could be opened using unconventional methods, special tools are now required to carry out this function. We offer you all the latest release tools in an assortment box, which also protects your blades from bending or breaking!

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Blade Terminal
Blade Terminal Sleeve

Release Tool, flat-/round plug

Manufacturer Restriction: KOSTAL MQ 0,6
Plug type: Blade Terminal Sleeve
Version: Prinzip 8

Example:

Socket Width mm	Connector	DU	Article no.
0,6		1	**95945440**

Release Tool, flat-/round plug

Manufacturer Restriction: KOSTAL MLK 1,2
Plug type: Blade Terminal
Version: Prinzip 5

Example:

Socket Width mm	Connector	DU	Article no.
1,2		1	**95945403**

Release Tool, flat-/round plug

Manufacturer Restriction: KOSTAL MLK 1,2
Plug type: Blade Terminal Sleeve
Version: Prinzip 2B

Example:

Socket Width mm	Connector	DU	Article no.
1,2		1	**95945438**

Release Tool, flat-/round plug

Manufacturer Restriction: KOSTAL MLK 1,2
Plug type: Blade Terminal
Version: Prinzip 2B

Example:

Socket Width mm	Connector	DU	Article no.
1,2		1	**95945439**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL MLK 1,2
Plug type: Blade Terminal Sleeve
Version: Prinzip 5

Socket Width mm	Connector	DU	Article no.
1,2		1	**95945400**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL MLK 1,2 USC
Plug type: Blade Terminal Sleeve
Version: Prinzip 5

Socket Width mm	Connector	DU	Article no.
1,2		1	**95945429**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL SLK 2,8
Plug type: Blade Terminal
Blade Terminal Sleeve
Version: Prinzip 2A
Prinzip 2B
Tools: with additional blade

Socket Width mm	Connector	DU	Article no.
2,8		1	**95945402**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL SLK 2,8
Plug type: Blade Terminal Sleeve
Version: Prinzip 2A

Socket Width mm	Connector	DU	Article no.
2,8		1	**95945433**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL SLK 2,8
Plug type: Blade Terminal
Blade Terminal Sleeve
Version: Prinzip 2A
Prinzip 2B
Tools: with ejector
with additional blade

Socket Width mm	Connector	DU	Article no.
2,8		1	**95945437**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL SLK 5,8
Plug type: Blade Terminal, Blade Terminal Sleeve
Version: Prinzip 2A, Prinzip 2B
Tools: with additional blade

Socket Width mm	Connector	DU	Article no.
5,8		1	**95945428**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL SLK 5,8
Plug type: Blade Terminal, Blade Terminal Sleeve
Version: Prinzip 2A, Prinzip 2B
Tools: with ejector, with additional blade

Socket Width mm	Connector	DU	Article no.
5,8		1	**95945432**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL LSK 8
Plug type: Blade Terminal, Blade Terminal Sleeve
Version: Prinzip 2A

Socket Width mm	Connector	DU	Article no.
6,3		1	**95945386**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL LSK 8
Plug type: Blade Terminal, Blade Terminal Sleeve
Version: Prinzip 2A, Prinzip 2B

Socket Width mm	Connector	DU	Article no.
6,3 8		1	**95945436**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Plug type: Blade Terminal Sleeve
Vehicle Equipment: for vehicles with hybrid drive, for vehicles with electric engine

Socket Width mm	Connector	DU	Article no.
14,5		1	**95945435**

Release Tool, flat-/round plug

Manufacturer Restriction: KOSTAL PLK 14,5
Plug type: Blade Terminal Sleeve
Version: Prinzip 5
Vehicle Equipment: for vehicles with hybrid drive
for vehicles with electric engine

Socket Width mm	Connector	DU	Article no.
14,5		1	**95945441**

Release Tools

Manufacturer Restriction: KOSTAL PLK 14,5
Vehicle Equipment: for vehicles with hybrid drive
for vehicles with electric engine

Socket Width mm	DU	Article no.
14,5	1	**95945442**

Round Plug

Release Tool, flat-/round plug

Manufacturer Restriction: KOSTAL LKS 1,5
Plug type: Round Plug
Version: Prinzip 1

Example:

Diameter mm	Connector	DU	Article no.
1,5		1	**95945353**

Content	Diameter mm	Plug Type	QU	
Sleeve (KOSTAL LKS 1,5)	1,5	Round Plug	1	**95945354**

Release Tool, flat-/round plug

Manufacturer Restriction: KOSTAL LKS 1,5
Plug type: Round Connector Sleeve
Version: Prinzip 1

Example:

Diameter mm	Connector	DU	Article no.
1,5		1	**95945355**

Content	Diameter mm	Plug Type	QU	
Sleeve (KOSTAL LKS 1,5)	1,5	Round Connector Sleeve	1	**95945356**

Release Tool, flat-/round plug

Manufacturer Restriction: KOSTAL LKS 1,5
Shape: Slitted
Plug type: Round Connector Sleeve
Version: Prinzip 1
Tools: with ejector

Example:

Diameter mm	Connector	DU	Article no.
1,5		1	**95945350**

Content	Diameter mm	Plug Type	QU	
Sleeve (KOSTAL LKS 1,5)	1,5	Round Connector Sleeve	1	**95945350001**

Release Tool, flat-/round plug

Manufacturer Restriction: KOSTAL RK 2,5
Plug type: Round Plug
Round Connector Sleeve
Version: Prinzip 4

Example:

Diameter mm	Connector	DU	Article no.
2,5		1	**95945359**

Release Tool, flat-/round plug

Example:

Manufacturer Restriction: KOSTAL RK 4
Plug type: Round Plug, Round Connector Sleeve
Version: Prinzip 1

Diameter mm	Connector	DU	Article no.
4		1	**95945357**

Content	Diameter mm	Plug Type	QU	
Sleeve (KOSTAL RK 4)	4	Round Plug Round Connector Sleeve	1	**95945358**

Release Tool, flat-/round plug

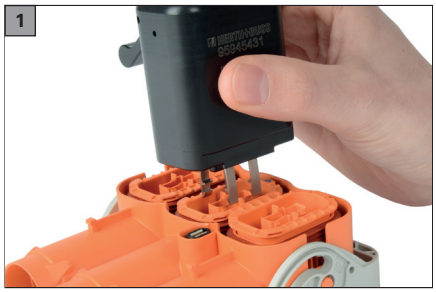
Example:

Manufacturer Restriction: KOSTAL RK 4
Version: Prinzip 4

Diameter mm	Connector	DU	Article no.
4		1	**95945374**

Release tool, housing

Release tool, housing



Manufacturer Restriction: KOSTAL PLK 14,5
Info: with secondary lock

Vehicle Equipment: for vehicles with hybrid drive
for vehicles with electric engine

Socket Width mm	Connector	DU	Article no.
14,5		1	**95945431**

4

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90942241
Made in Germany

Pliers

Adapter, crimping pliers	**183**
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Crimping Pliers

CrimPro 10

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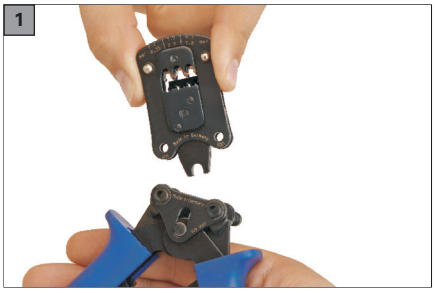
CrimPro 10

Crimping Pliers

Tools: Basic pliers without insert



The CrimPro 10 offers a large range of processing options. Professional crimping precision for all common contacts thanks to linear die crimping. Ergonomic soft-hand grip also ensures fatigue-proof work. Inserts can be changed without additional tools.

Length mm		DU	Article no.
155		1	**95942330**
210		1	**95942331**
Accessories	**see**	**DU**	
Crimping Pliers Insert	Katalog08	1	**95942332**
	Katalog08	1	**95942346**
	Katalog08	1	**95942347**
Crimping Pliers Insert (ABS - 24V)	Katalog08	1	**95942350**
	Katalog08	1	**95942351**
	Katalog08	1	**95942354**
	Katalog08	1	**95942357**
Crimping Pliers Insert (AMP Tyco MT I | AMP Tyco MT II | AMP Tyco JPT)	Katalog08	1	**95942345**
Crimping Pliers Insert (AMP Tyco MT I ELA | AMP Tyco MT II ELA | AMP Tyco JPT ELA)	Katalog08	1	**95942348**
Crimping Pliers Insert (AMP Tyco SPT 5,8 ELA)	Katalog08	1	**95942126**
Crimping Pliers Insert (AMP Tyco Superseal)	Katalog08	1	**95942349**
Crimping Pliers Insert (GHW DFK 2)	Katalog08	1	**95942353**
Crimping Pliers Insert (GHW MDK 5 | AMP Tyco JPT)	Katalog08	1	**95942352**
Crimping Pliers Insert (GHW MDK 5 Plus | GHW RSA 2 Plus)	Katalog08	1	**95942359**
Crimping Pliers Insert (KOSTAL MLK 1,2)	Page 171	1	**95942335**
Crimping Pliers Insert DT (Deutsch DT | Deutsch DTM)	Katalog08	1	**95942358**

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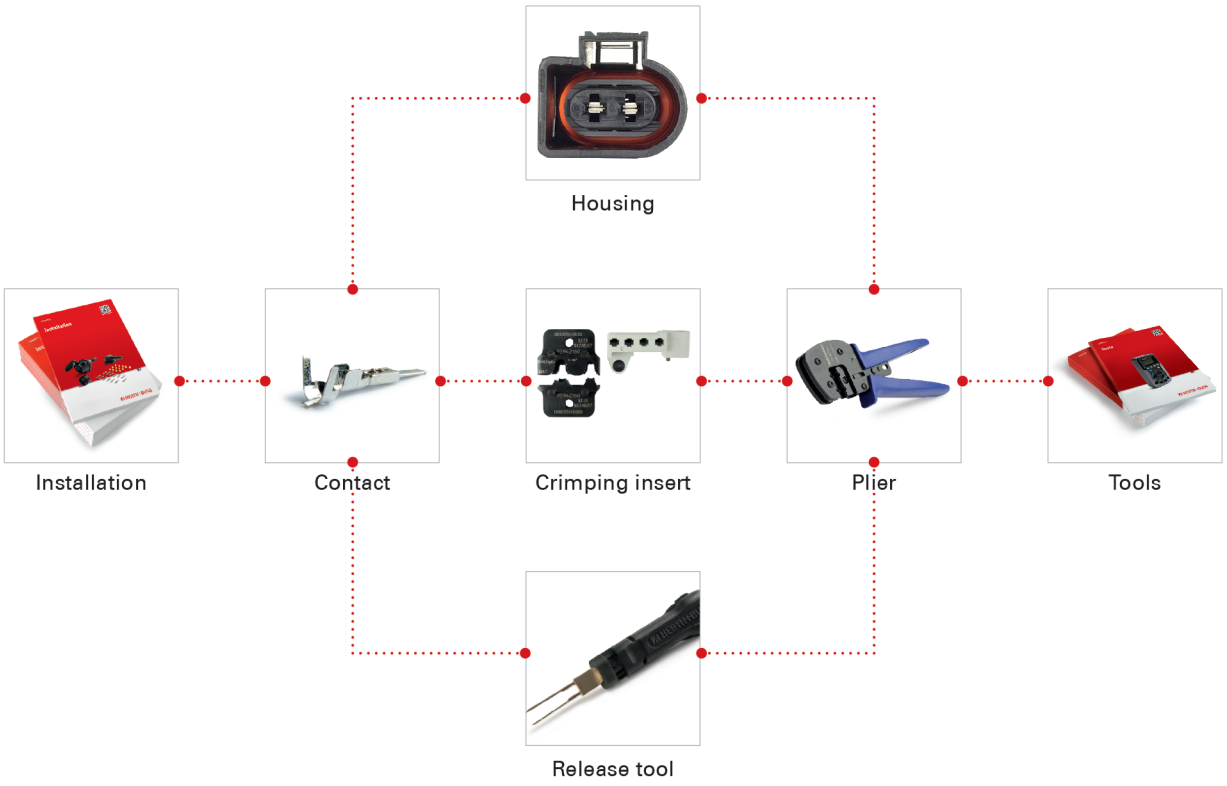
» CONTACT – TOOL – CONTACT



Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL MLK 1,2
Cross section: 0,1 to 0,25 mm²
0,25 to 0,5 mm²
0,75 to 1 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve

	Profile	DU	Article no.
		1	**95942335**

Crimping Pliers

CrimPro 30
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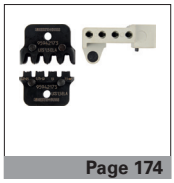
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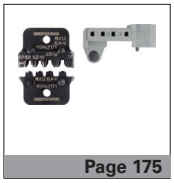
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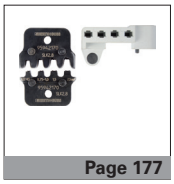
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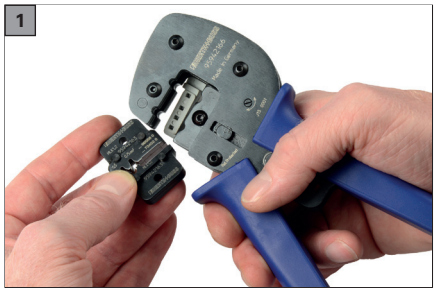
CrimPro 30

Crimping Pliers

Tools: Basic pliers without insert

1



2

The crimping pliers CrimPro 30 fulfil the highest demands for quality and functional use. Intended for industrial use, different crimp sets can be used to process cross-sectional areas of 0.1 to 25 mm². Professional crimping precision for all common contacts thanks to linear die crimping. The double guide system guarantees an even application of clamping force and precise, torsion-resistant guiding in all profiles, thus ensuring that even the smallest tolerances are maintained. The unlockable positive lock and an integrated fold positioner enable optimal fixing of the contacts. An ergonomic soft-hand grip ensures fatigue-proof work.

Length mm		DU	Article no.
220		1	**95942166**
270		1	**95942164**

Accessories	see	DU	
Crimping Pliers Insert	Katalog08	1	**95942161**
	Katalog08	1	**95942162**
	Katalog08	1	**95942177**
	Katalog08	1	**95942178**
	Katalog08	1	**95942179**
	Katalog08	1	**95942187**
	Katalog08	1	**95942188**
Crimping Pliers Insert (ABS - 24V)	Katalog08	1	**95942185**
	Katalog08	1	**95942186**
Crimping Pliers Insert (AMPTyco JPT ELA)	Katalog08	1	**95942193**
Crimping Pliers Insert (AMPTyco MCP 1,5 ELA)	Katalog08	1	**95942143**
Crimping Pliers Insert (AMPTyco MCP 1,5)	Katalog08	1	**95942142**
Crimping Pliers Insert (AMPTyco MCP 2,8)	Katalog08	1	**95942192**
Crimping Pliers Insert (AMPTyco MQS ELA)	Katalog08	1	**95942182**
Crimping Pliers Insert (AMPTyco MQS)	Katalog08	1	**95942181**
Crimping Pliers Insert (AMPTyco MT I | AMPTyco MT I ELA | AMPTyco MT II | AMPTyco MT II ELA)	Katalog08	1	**95942190**
Crimping Pliers Insert (AMPTyco Superseal)	Katalog08	1	**95942189**
Crimping Pliers Insert (GHW DFK 2)	Katalog08	1	**95942194**
Crimping Pliers Insert (GHW MDK 5)	Katalog08	1	**95942195**
Crimping Pliers Insert (KOSTAL DLK 1,2)	Page 174	1	**95942147**
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)	Page 174	1	**95942173**
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)	Page 174	1	**95942168**
Crimping Pliers Insert (KOSTAL LKS 1,5)	Page 174	1	**95942180**
Crimping Pliers Insert (KOSTAL LSK 8 ELA)	Page 179	1	**95942175**
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	Page 175	1	**95942171**
	Page 176	1	**95942196**
Crimping Pliers Insert (KOSTAL MLK 1,2)	Page 175	1	**95942163**
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Crimping Pliers Insert (KOSTAL MQ 0,6)	Page 176	1	**95942148**
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Crimping Pliers Insert (KOSTAL SLK 2,8 | KOSTAL SLK 2,8 ELA)	Page 177	1	**95942169**
Crimping Pliers Insert (KOSTAL SLK 2,8 ELA)	Katalog08	1	**95942145**
	Page 177	1	**95942160**
	Page 178	1	**95942172**
Crimping Pliers Insert (KOSTAL SLK 2,8)	Katalog08	1	**95942144**
	Page 177	1	**95942170**
Crimping Pliers Insert (KOSTAL SLK 5,8 ELA)	Page 178	1	**95942174**
	Page 179	1	**95942183**
Crimping Pliers Insert (KOSTAL SLK 5,8)	Page 178	1	**95942176**
	Page 178	1	**95942184**

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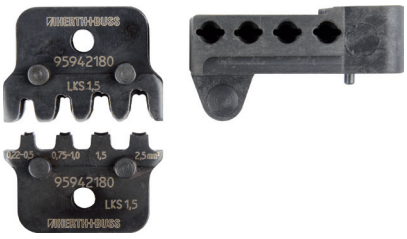
Crimping Pliers Insert

Manufacturer Restriction: KOSTAL DLK 1,2
Cross section: 0,35 mm²
0,5 mm²
0,75 mm²
1 mm²

Plug type: Blade Terminal Sleeve
Tools: with positioner

	Profile	DU	Article no.
		1	**95942147**

Crimping Pliers Insert



Example:

Manufacturer Restriction: KOSTAL LKS 1,5
Cross section: 1,5 mm²
2,5 mm²
0,25 to 0,5 mm²
0,75 to 1 mm²

Plug type: Round Plug
Round Connector Sleeve
Tools: with positioner

	Profile	DU	Article no.
		1	**95942180**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
Cross section: 1,5 mm²
2,5 mm²
0,22 to 0,5 mm²
0,75 to 1 mm²

Plug type: Round Plug
Round Connector Sleeve
Tools: with positioner

	Profile	DU	Article no.
		1	**95942173**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL LKS 1,5 ELA-U
Cross section: 0,22 to 0,5 mm²
0,75 to 1 mm²

Plug type: Round Plug
Round Connector Sleeve
Tools: with positioner

	Profile	DU	Article no.
		1	**95942168**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL MLK 1,2
Cross section: 1,5 mm²
0,17 to 0,25 mm²
0,22 to 0,5 mm²
0,75 to 1 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
Tools: with positioner

	Profile	DU	Article no.
		1	**95942167**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL MLK 1,2
Cross section: 0,5 mm²
0,75 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
Tools: with positioner

	Profile	DU	Article no.
		1	**95942163**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL MLK 1,2 ELA
Cross section: 0,13 mm²
0,35 mm²
0,17 to 0,22 mm²

Plug type: Blade Terminal Sleeve
Blade Terminal
Tools: with positioner

	Profile	DU	Article no.
		1	**95942141**

Crimping Pliers Insert

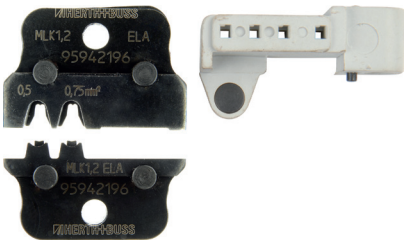
Example:

Manufacturer Restriction: KOSTAL MLK 1,2 ELA-U
Cross section: 1,5 mm²
0,17 to 0,25 mm²
0,22 to 0,5 mm²
0,75 to 1 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
Tools: with positioner

	Profile	DU	Article no.
		1	**95942171**

Crimping Pliers Insert



Example:

Manufacturer Restriction: KOSTAL MLK 1,2 ELA-U
Cross section: 0,5 mm²
0,75 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve with positioner
Tools:

	Profile	DU	Article no.
		1	**95942196**

Crimping Pliers Insert

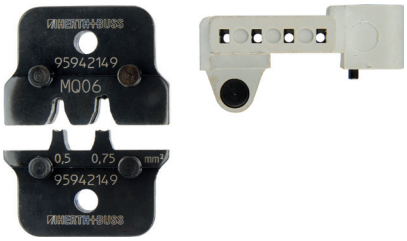
Example:

Manufacturer Restriction: KOSTAL MQ 0,6
Cross section: 0,13 mm²
0,17 mm²
0,35 mm²
0,22 to 0,25 mm²

Plug type: Blade Terminal Sleeve with positioner
Tools:

	Profile	DU	Article no.
		1	**95942148**

Crimping Pliers Insert



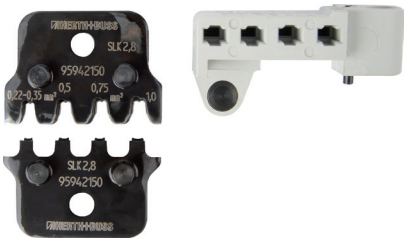
Example:

Manufacturer Restriction: KOSTAL MQ 0,6
Cross section: 0,5 mm²
0,75 mm²

Plug type: Blade Terminal Sleeve with positioner
Tools:

	Profile	DU	Article no.
		1	**95942149**

Crimping Pliers Insert

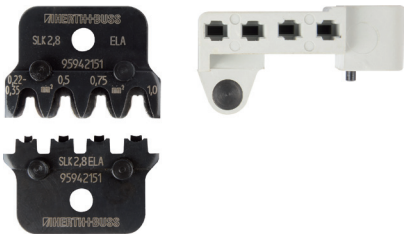


Manufacturer Restriction: KOSTAL SLK 2,8
Cross section: 0,5 mm²
0,75 mm²
1,0 mm²
0,22 to 0,35 mm²

Plug type: Blade Terminal Sleeve
Blade Terminal with positioner
Tools:

	Profile		DU	Article no.
		NEW	1	**95942150**

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL SLK 2,8 ELA

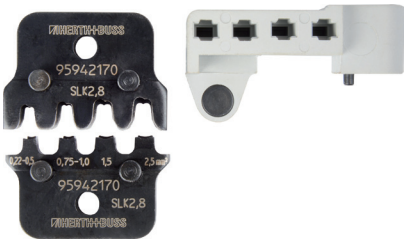
Cross section: 0,5 mm²
0,75 mm²
1,0 mm²
0,22 to 0,35 mm²

Plug type: Blade Terminal Sleeve
Blade Terminal

Tools: with positioner

	Profile		DU	Article no.
		NEW	1	**95942151**

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL SLK 2,8

Cross section: 1,5 mm²
2,5 mm²
0,22 to 0,5 mm²
0,75 to 1 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve

Tools: with positioner

	Profile	DU	Article no.
		1	**95942170**

Example:

Crimping Pliers Insert

Manufacturer Restriction: KOSTAL SLK 2,8
KOSTAL SLK 2,8 ELA

Cross section: 4 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve

Tools: with positioner

only in connection with: KOSTAL SLK 2,8 - ELA

	Profile	DU	Article no.
		1	**95942169**

Example:

Crimping Pliers Insert

Manufacturer Restriction: KOSTAL SLK 2,8 ELA

Cross section: 4 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve

Tools: without positioner

only in connection with: KOSTAL SLK ELA 7

	Profile	DU	Article no.
		1	**95942160**

Example:

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL SLK 2,8 ELA

Cross section: 1,5 mm²
2,5 mm²
0,22 to 0,5 mm²
0,75 to 1 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
with positioner

Tools:

	Profile	DU	Article no.
		1	**95942172**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL SLK 5,8
Cross section: 4 mm²
6 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
with positioner

Tools:

	Profile	DU	Article no.
		1	**95942176**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL SLK 5,8 ELA

Cross section: 4 mm²
6 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
with positioner

Tools:

	Profile	DU	Article no.
		1	**95942174**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL SLK 5,8
Cross section: 1,5 mm²
2,5 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
with positioner

Tools:

	Profile	DU	Article no.
		1	**95942184**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL SLK 5,8 ELA

Cross section: 1,5 mm²
2,5 mm²

Plug type: Blade Terminal Sleeve
Blade Terminal

Tools: with positioner

	Profile	DU	Article no.
		1	**95942183**

Crimping Pliers Insert

Example:

Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 4 to 6 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve

Tools: with positioner

	Profile	DU	Article no.
		1	**95942175**

Crimping Pliers

Crimping Pliers

Example:

Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 2,5 to 4 mm²
Plug type: Blade Terminal, Blade Terminal Sleeve

	Profile	DU	Article no.
		1	**95942371**

Crimping Pliers

Example:

Manufacturer Restriction: KOSTAL LSK 8
Cross section: 4 to 6 mm²
Plug type: Blade Terminal, Blade Terminal Sleeve

	Profile	DU	Article no.
		1	**95942372**

Crimping Pliers

Example:

Manufacturer Restriction: KOSTAL LSK 8
Cross section: 8 to 10 mm²
Plug type: Blade Terminal, Blade Terminal Sleeve

	Profile	DU	Article no.
		1	**95942374**

5

Operations: Pliers for the workshop.

Operations: Pliers from our Elparts range.
With our CrimPro professional series, workshops have their connections fully under control. The professional set includes pliers with both short and long handles, besides various crimping inserts. This enables powerful and precise crimping at any angle.

Passt immer!

Crimping Pliers

CrimPro 40
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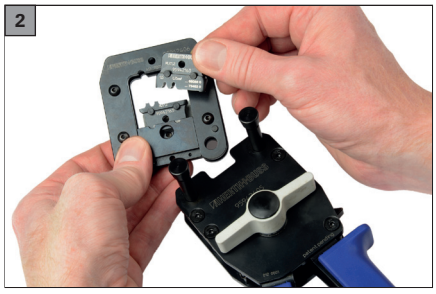
CrimPro 40

Crimping Pliers

The CrimPro 40 is suitable for a wide range of applications. With the quick-change adaptation of tool heads, the base tool can be adapted quickly and simply to the relevant processing requirements. The range of crimping inserts enables a wide variety of different plug connectors with different cross-section ranges and sizes to be processed. The high press force of approx. 3.5 kN makes the CrimPro 40, together with the corresponding adapters and crimping inserts particularly suited for use with contacts with large cable cross-sections up to 25 mm. Optimal transmission means that minimal force is required during processing. The built-in quick-feed system enables rapid pre- tensioning for fixing contacts. The corresponding adapter enables crimping inserts from the CrimPro 30 series to also be used in this pliers system.

Info: with mounting tools

Tools: Basic pliers without insert



Length mm		DU	Article no.
330		1	**95942405**
Accessories	**see**	**DU**	
Adapter, crimping pliers CrimPro 40	Page 183	1	**95942407**

5

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CrimPro 40

Adapter, crimping pliers

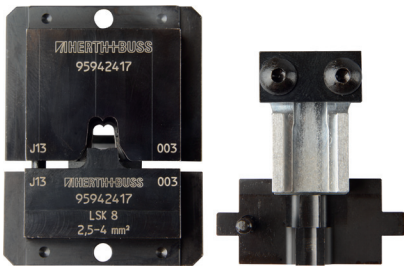
The CrimPro 40 adapter is used together with the corresponding crimping inserts for processing cross- sections of between 6 mm² and 12 mm².

DIN / ISO: EN 48083

	DU	Article no.
	1	**95942407**

Accessories	see	DU	
Crimping Pliers Insert (KOSTAL LSK 8 ELA)	Page 183	1	**95942418**
	Page 183	1	**95942419**
	Page 184	1	**95942422**
	Page 184	1	**95942423**
Crimping Pliers Insert (KOSTAL LSK 8)	Page 183	1	**95942417**
	Page 184	1	**95942420**
	Page 184	1	**95942421**

Crimping Pliers Insert



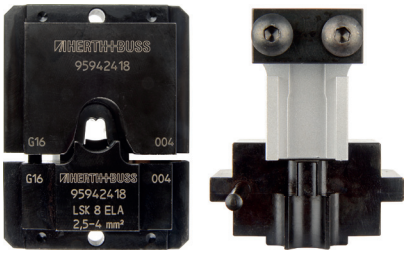
Example:

Manufacturer Restriction: KOSTAL LSK 8
Cross section: 2,5 to 4 mm²

Plug type: Blade Terminal, Blade Terminal Sleeve
Tools: with positioner

	Profile	DU	Article no.
		1	**95942417**

Crimping Pliers Insert



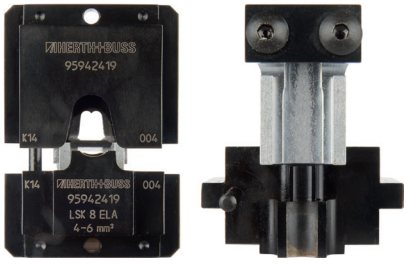
Example:

Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 2,5 to 4 mm²

Plug type: Blade Terminal, Blade Terminal Sleeve
Tools: with positioner

	Profile		DU	Article no.
		NEW	1	**95942418**

Crimping Pliers Insert



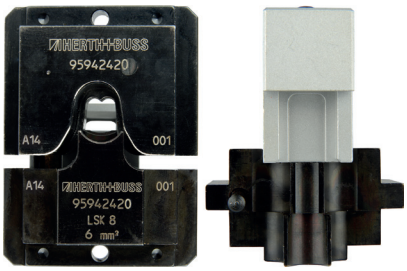
Example:

Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 4 to 6 mm²

Plug type: Blade Terminal, Blade Terminal Sleeve

	Profile	DU	Article no.
		1	**95942419**

Crimping Pliers Insert



Example:

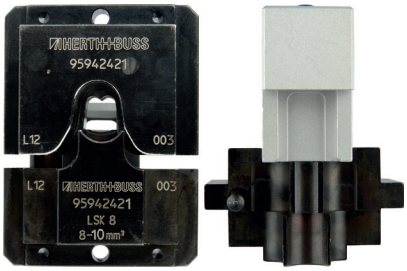
Manufacturer Restriction: KOSTAL LSK 8
Cross section: 6 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
with positioner

Tools:

	Profile	DU	Article no.
		1	**95942420**

Crimping Pliers Insert



Example:

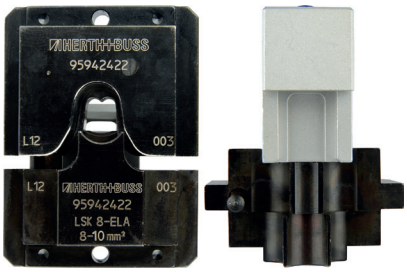
Manufacturer Restriction: KOSTAL LSK 8
Cross section: 8 to 10 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
with positioner

Tools:

	Profile	DU	Article no.
		1	**95942421**

Crimping Pliers Insert



Example:

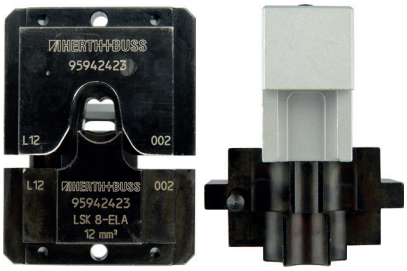
Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 8 to 10 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
with positioner

Tools:

	Profile	DU	Article no.
		1	**95942422**

Crimping Pliers Insert



Example:

Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 12 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
with positioner

Tools:

	Profile	DU	Article no.
		1	**95942423**

Crimping Pliers

CrimPro HV
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CrimPro HV

Crimping Pliers

1

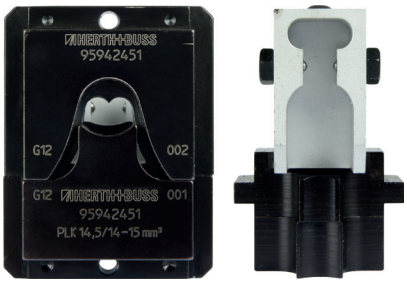
Cross section: 0,5 to 300 mm²
Gauge: with load status display
Operating Mode: Electric-hydraulic
Pressure Force: 130 kN
Hub: 18 mm

Required appliance battery: Lithium-ion Battery
Weight: 3,6 kg
Info: with charger
with case
with adapter
Vehicle Equipment: for vehicles with hybrid drive
for vehicles with electric engine

Umgebungstemperatur °C	Charging time Hrs.	DU	Article no.
to +40	0,15	1	**95942951**

Accessories	see	DU	
Crimping Pliers Insert (KOSTAL PLK 14,5)	Page 186	1	**95942451**
	Page 186	1	**95942452**
	Page 186	1	**95942453**
	Page 187	1	**95942454**
	Page 187	1	**95942455**
	Page 186	1	**95942461**
	Page 187	1	**95942463**
	Page 187	1	**95942464**
	Page 188	1	**95942465**
	Page 188	1	**95942992**

Crimping Pliers Insert



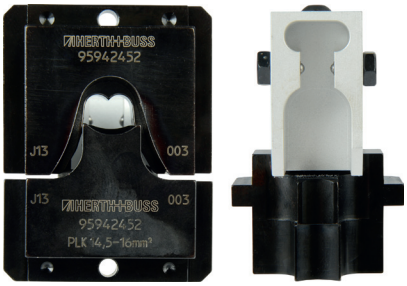
Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 14 to 15 mm²
Plug type: BladeTerminal Sleeve

Info: with insulation crimp
Tools: with positioner
Vehicle Equipment: for vehicles with electric engine
for vehicles with hybrid drive

	Profile	DU	Article no.
		1	**95942451**

Crimping Pliers Insert



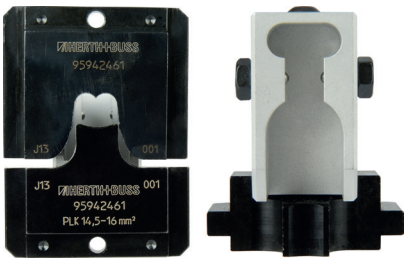
Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 16 mm²
Plug type: BladeTerminal Sleeve

Info: with insulation crimp
Tools: with positioner
Vehicle Equipment: for vehicles with electric engine
for vehicles with hybrid drive

	Profile	DU	Article no.
		1	**95942452**

Crimping Pliers Insert



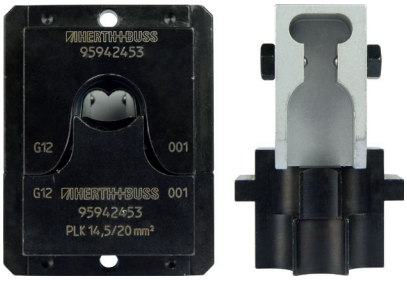
Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 16 mm²
Plug type: BladeTerminal Sleeve

Info: without insulation crimp
Tools: with positioner

	Profile	DU	Article no.
		1	**95942461**

Crimping Pliers Insert



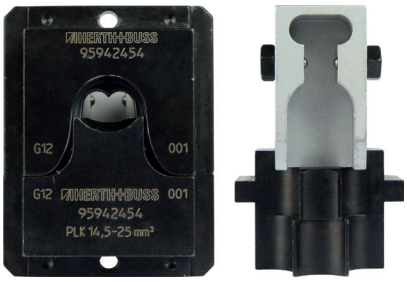
Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 20 mm²
Plug type: BladeTerminal Sleeve

Info: with insulation crimp
Tools: with positioner
Vehicle Equipment: for vehicles with electric engine
for vehicles with hybrid drive

	Profile	DU	Article no.
		1	**95942453**

Crimping Pliers Insert



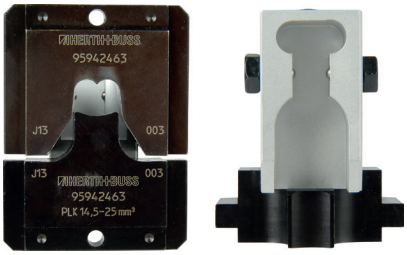
Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 25 mm²
Plug type: Blade Terminal Sleeve

Info: with insulation crimp
Tools: with positioner
Vehicle Equipment: for vehicles with electric engine
for vehicles with hybrid drive

	Profile	DU	Article no.
		1	**95942454**

Crimping Pliers Insert



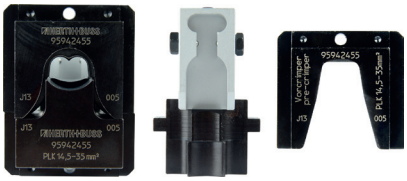
Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 25 mm²
Plug type: Blade Terminal Sleeve

Info: without insulation crimp
Tools: with positioner

	Profile	DU	Article no.
		1	**95942463**

Crimping Pliers Insert



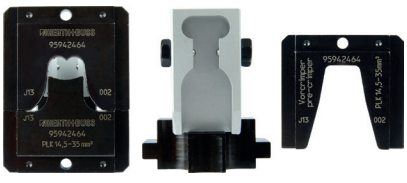
Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 35 mm²
Plug type: Blade Terminal Sleeve

Info: with insulation crimp
Tools: with pre-crimper
with positioner
Vehicle Equipment: for vehicles with electric engine
for vehicles with hybrid drive

	Profile	DU	Article no.
		1	**95942455**

Crimping Pliers Insert



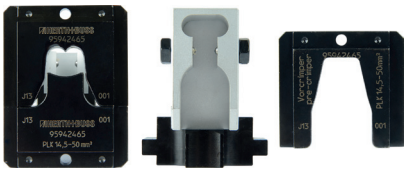
Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 35 mm²
Plug type: Blade Terminal Sleeve

Info: without insulation crimp
Tools: with pre-crimper
with positioner

	Profile	DU	Article no.
		1	**95942464**

Crimping Pliers Insert



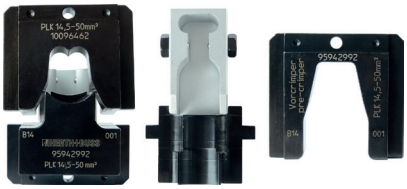
Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 50 mm²
Plug type: Blade Terminal Sleeve

Info: without insulation crimp
Tools: with positioner
with pre-crimper

	Profile	DU	Article no.
		1	**95942465**

Crimping Pliers Insert



Example:

Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 50 mm²

Plug type: Blade Terminal Sleeve
Tools: with thin isolation crimp
with pre-crimper
with positioner

	Profile	DU	Article no.
		1	**95942992**

Hydro volt
HERTH+BUSS
COM
Clavy 100
HOLD
max.24V
max.24V

Measuring Technology

Multimeter	**192**
Multimeter Holding Wire	**193**

Multimeter

Multimeter

The digital multimeter is an essential assistant in every workshop. It measures electrical values such as voltages and frequencies. The multimeter is also designed for temperature measurement in air- conditioning systems. It has automatic or manual measurement settings. It has a Data Hold function, i.e. various readings can be frozen during the measurement process and retrieved as and when required. You can also use the multimeter to detect the cam angle of the ignition timer shaft on ignition timer systems of all standard four-stroke multi-cylinder engines. The same applies for reading engine speeds. It has an clear, easy-to-read illuminated LCD display. The multimeter can withstand knocks and dropping because there are no moving parts to damage. It is therefore ideal for intensive workshop use.

- automatic or manual selection of measurement range
- automatic switch-off after 30 minutes idle
- values saved (data hold)
- cam angle and speed measurement
- delivery includes measurement cable, temperature sensor and battery

Duty cycle: 5 to 95 %
Gauge: with illuminated LCD display
Registration Type: CE approved
Required appliance battery: 9V Block
WxHxD: 83 x 165 x 47 mm
Weight: 370 g
Info: with diode test function
with continuity test function

1

Measurement range (AC) V	Measurement range (DC) V	Measurement range Ω	Measurement range Hz	Measurement range °C	DU	Article no.
4 40 250	0,4 4 40 250	400 Ohm to 40 MOhm	5 Hz to 200 kHz	-20 °C to +1000 °C	1	**95980775**

Content	Rated current A	Number of Poles terminal	Diameter mm	QU	
Fuse	0,5		5	1	**50295044**
Temperature Probe, multimeter		2		1	**95980775001**

Accessories	see	DU	
Ampere Pliers Claw 400	Katalog08	1	**95980785**
Test Lead Set TesTip	Katalog08	1	**95980778**

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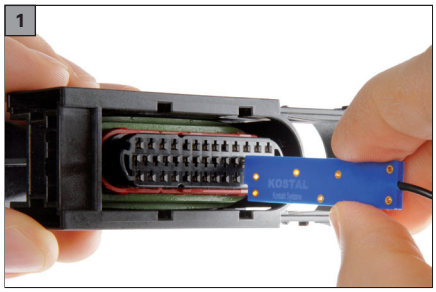
Multimeter Holding Wire

1



The MLK 1.2 test adapter is the only mobile tester that has been permitted and approved for KOSTAL MLK connector sleeves. Until now, it was difficult to adapt the contacts for measuring purposes under workshop conditions, due to the compact construction of the KOSTAL MLK connector sleeves. In order to check the electrical continuity, there are electrical test points on the contact side of the housing. Since it is not permitted to touch the contact surfaces or reach into the contact area during electrical testing of the KOSTAL MLK connector sleeve, the test adapter ensures that no damage can occur in the contact area.

Voltage:	to 20 V	**Resistance:**	to 100 MOhm
Rated current:	to 3 A	**Plug type:**	Blade Terminal Sleeve
Manufacturer Restriction:	KOSTAL MLK 1,2		

	DU	Article no.
	1	**95980770**

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