

ELPARTS

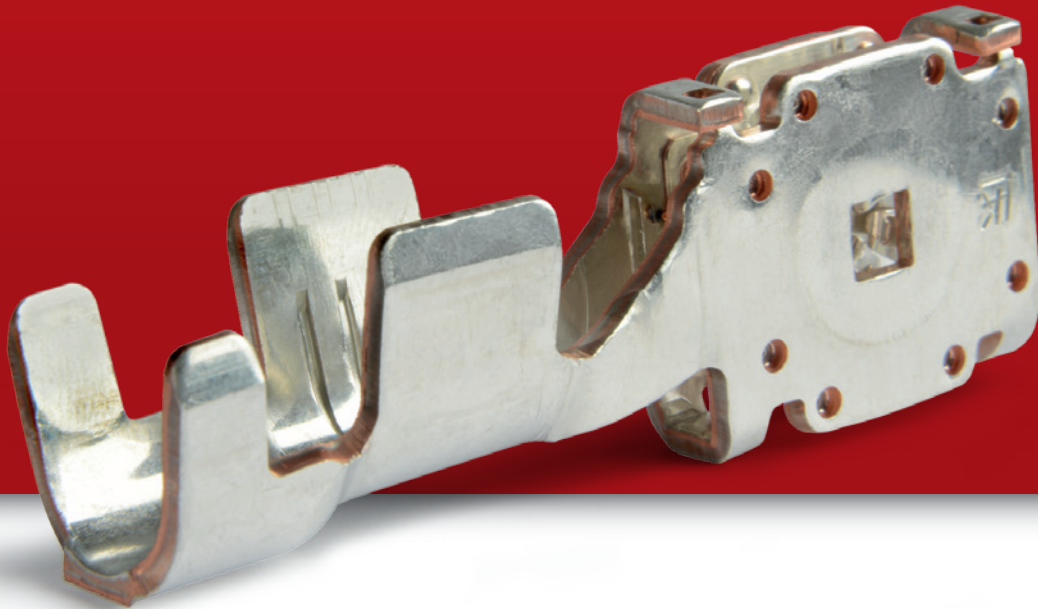
Electrics | Installation | Tools | Lighting



herthundbuss.com

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 9001:2008 Quality management
- VDA 6.2 Quality management
- StVZO Verification



Verband der Automobilindustrie



Content

	Lead	4 - 7	
	NEW in the catalogue	8 - 9	
	Connectors	10 - 67	1
	Gaskets+grommets	68 - 73	2
	Plug housings	74 - 155	3
	Release Tools	156 - 167	4
	Pliers	168 - 191	5
	Measuring Technology	192 - 195	6
	Article no. Index	196 - 207	
	Index	208 - 210	

ELPARTS

Electrics | Installation | Tools | Lighting

From small to large – the whole range!

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 7,700 special parts
- comprehensive range for all vehicle types
- exactly fitting parts allocation
- professional solutions thanks to over 90 years of experience

Passt immer!



ELECTRICS

Signal devices



Signal units



Relays



Control units



Switches



Actuators+Sensors



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

Daytime running lights



Headlights



Lights



Reflectors



Warning equipment



Connection sets



(Lamp) sockets



Bulbs





» 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).



» 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.

VDAVerband 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 43 ARTICLES!

Description	Article number	Page
Connectors		
Crimp Connector	50253500088	27
Crimp Connector	50253611	29
Crimp Connector	50253611088	29
Gaskets+grommets		
Sealing-/Protection Plugs	50282025	71
Plug housings		
Connector sleeve housing	50390780	83
Connector sleeve housing	50390781	83
Connector sleeve housing	50390782	83
Connector sleeve housing	50390783	83
Connector sleeve housing	50390784	85
Connector sleeve housing	50390785	85
Connector sleeve housing	50390786	85
Connector sleeve housing	50390787	85
Connector sleeve housing	50390788	85
Connector sleeve housing	50390789	87
Connector sleeve housing	50390790	87
Connector sleeve housing	50390791	87
Connector sleeve housing	50390792	87
Connector sleeve housing	50390793	89
Connector sleeve housing	50390794	89
Connector sleeve housing	50390795	89
Connector sleeve housing	50390796	89
Connector sleeve housing	50390797	89
Connector sleeve housing	50390798	89
Connector sleeve housing	50390799	89
Connector sleeve housing	50390329	93
Connector sleeve housing	50390800	102
Plug housing	50390485	110
Connector sleeve housing	50390777	112
Plug housing	50390778	112
Connector sleeve housing	50390616	113
Cover Cap, plug housing	50390803	129
Connector sleeve housing	50390571	134
Plug housing	50390779	134
Plug Housing	50390749	135
Connector housing	50390754	141

Description	Article number	Page
Connector housing	50290907	144
Pin case	50390774	145
Pin case	50390694	148
Connector sleeve housing	50390572	151
Connector sleeve housing	50390801	151
Plug housing	50390802	152
Connector sleeve housing	50390634	153
Pliers		
Crimpzangeneinsatz	95942418	184



Connectors

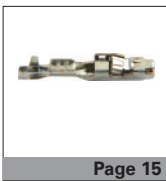


Contact Pin	51 - 66
Contact Sleeve	46 - 64
Crimp Connector	15 - 42
Soldered Connector	38

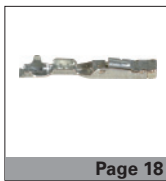


Crimp Connector

Blade Terminal Sleeve



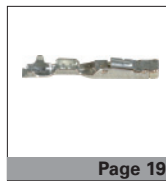
Page 15



Page 18



Page 18



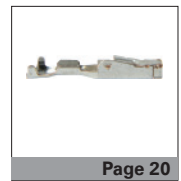
Page 19



Page 19



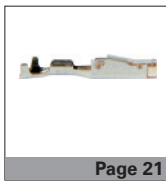
Page 20



Page 20



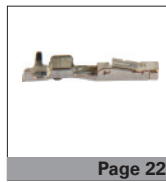
Page 21



Page 21



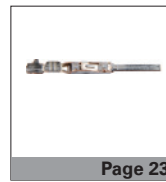
Page 22



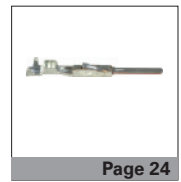
Page 22



Page 23



Page 23



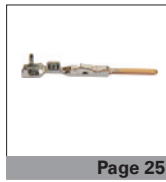
Page 24



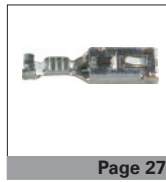
Page 24



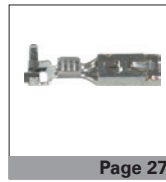
Page 25



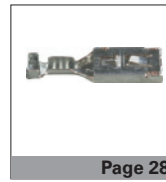
Page 25



Page 27



Page 27



Page 28



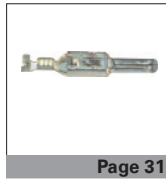
Page 29



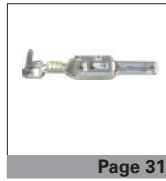
Page 30



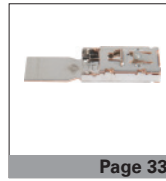
Page 30



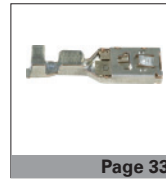
Page 31



Page 31



Page 33



Page 33



Page 34



Page 34



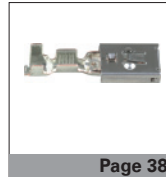
Page 35



Page 35



Page 36



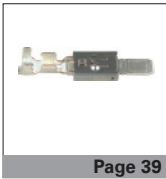
Page 38



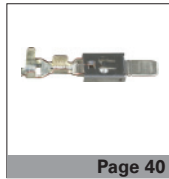
Page 38



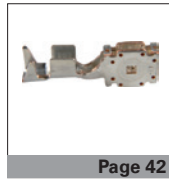
Page 39



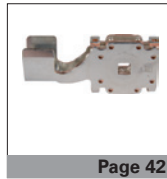
Page 39



Page 40



Page 42



Page 42

» 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)

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.

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.





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 sys-

tems 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.

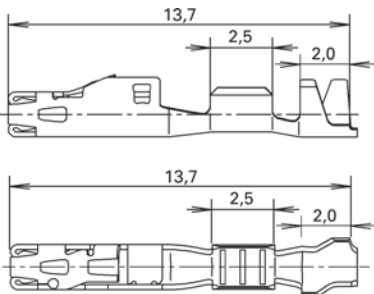
Surface	Tin
Current-carrying capacity	12.5 A at 20 °C 8 A at 80 °C
Min. grid/footprint	2.54 x 2.54 mm without ELA
Matching plug	0.63 x 0.63 mm
Wire size range	0.12 – 0.75 mm ²
Permissible overall temperature	130 °C
Number of mating cycles	20
Contact retention force	≥ 60 N





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 equivalent, the Mikro-Quadloc System (TE MQS). The KOSTAL MQ 0.6 should be used in the TE MQS type housings.

Socket Width mm	Socket Height mm	Cross section mm ²	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 mm ²	see	only for	DU	
		Crimping Pliers Insert (KOSTAL MQ 0,6)		0,13 0,17 0,35 0,22 to 0,25	Page 177	50253411088 50253412088 50253413088 50253411 50253412 50253413	1	95942148
				0,5 0,75		Page 177		
		Crimping Pliers CrimPro 30			Page 174		1	95942164
	Page 174				1	95942166		
Release Tool, flat-/round plug (KOSTAL MQ 0,6)			Page 160		1	95945440		

» KOSTAL

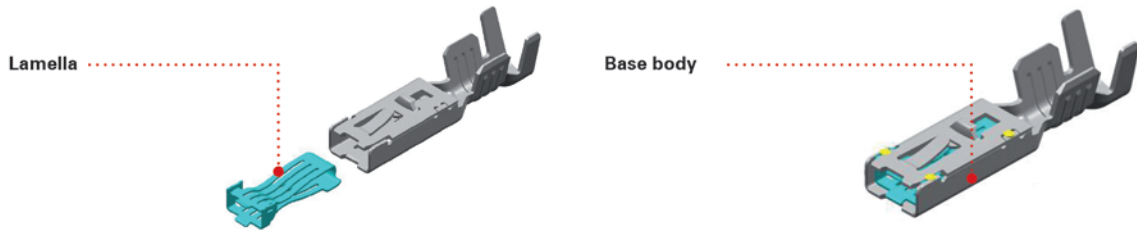


KOSTAL series crimp connectors

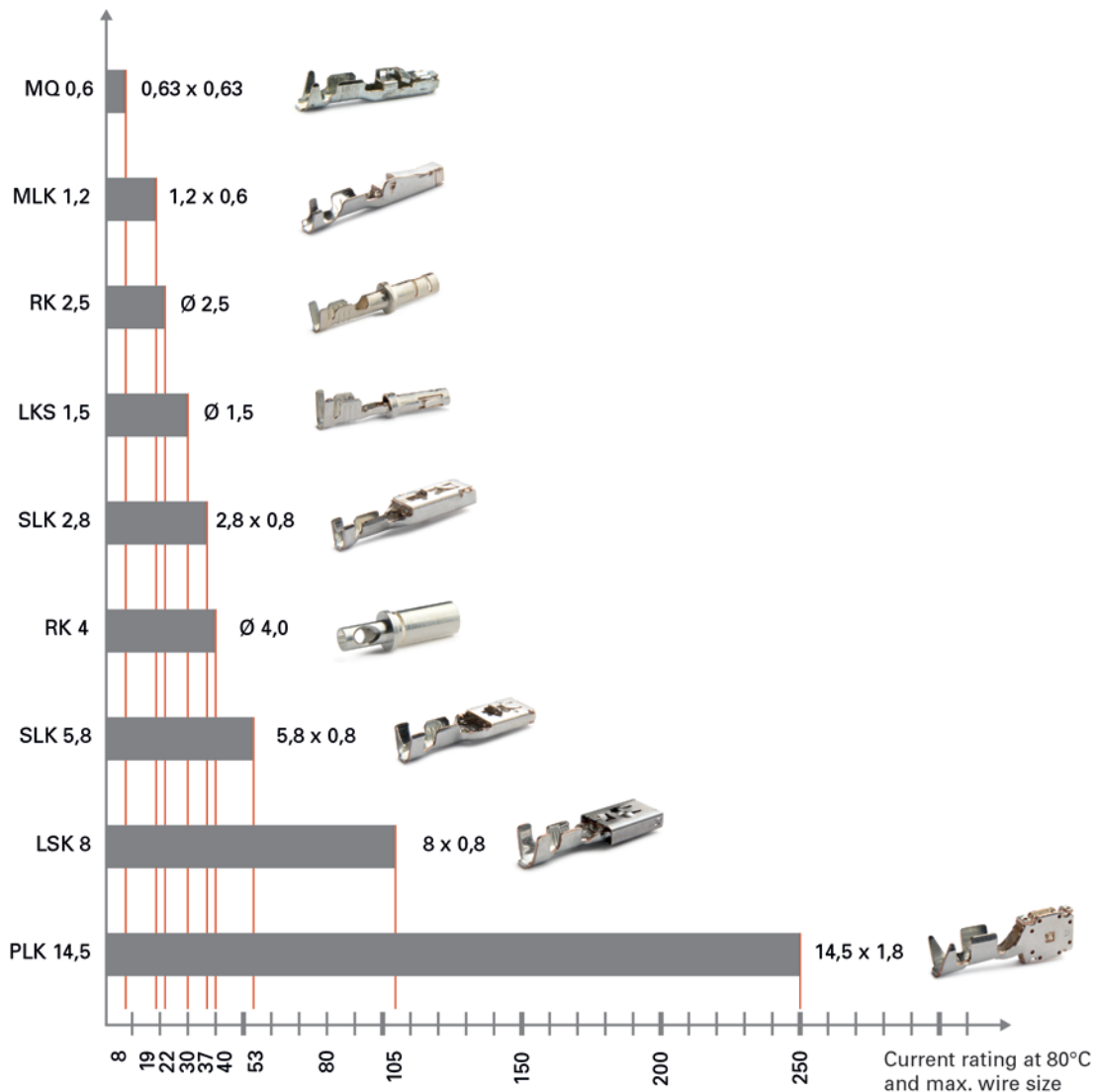
The contacts KOSTAL LKS 1.5 | MLK 1.2 | SLK 2.8 | 5.8 and LSK 8 all consist of a base body with a contact spring basket (lamella) attached with laser welding. The base body completely surrounds the lamella basket, thus protecting the contacting area. A constantly high-quality performance over

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.

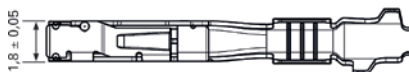
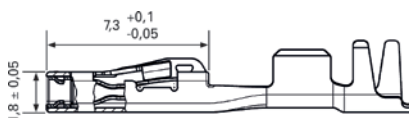
Surface	Tin	Silver
Current-carrying capacity	23 A at 20 °C 17 A at 80 °C	24 A at 20 °C 19 A at 80 °C
Min. grid/footprint	2.5 x 2.5 mm without ELA 4.0 x 3.5 mm with ELA	2.5 x 2.5 mm without ELA 4.0 x 3.5 mm with ELA
Matching plug	1.2 x 0.6 mm	1.2 x 0.6 mm
Wire size range	0.1 – 1.5 mm ²	0.1 – 1.5 mm ²
Permissible overall temperature	150 °C	170 °C
Number of mating cycles	20	100
Contact retention force	≥ 60 N	≥ 60 N





Crimp Connector

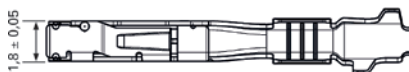
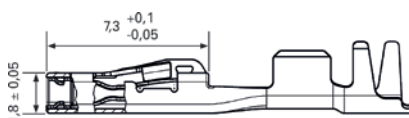
Manufacturer KOSTAL MLK 1,2m
Restriction:
Plug Type: BladeTerminal Sleeve
Current rating at 20°C: 23 A
Current rating at 80°C: 17 A
Insertion/ extraction force: 3 +- 1 N
Base body material: CuSn/Sn (copper-tin/tin)
Lining disc material: CuBe/Sn (copper-beryllium/tin)
Surface: Tin-plated
Temperature range: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



Socket Width mm	Socket Height mm	Cross section mm ²	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 mm ²	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 176	1	95942167
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL MLK 1,2)			Page 161	1	95945400

Crimp Connector

Manufacturer KOSTAL MLK 1,2m ELA
Restriction:
Plug Type: BladeTerminal 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

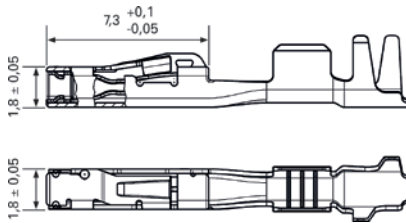


Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.
1,2	0,6	ELA	0,17 to 0,25	50	50253430
			0,5 to 0,75	50	50253434
				7500	50253434088
			0,75 to 1	50	50253436
Accessories		Cross section mm ²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)		1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 176	1	95942171
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	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)		0,22 to 1	Page 71	1	50282028



Crimp Connector

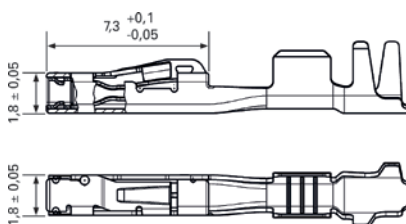
Manufacturer KOSTAL MLK 1,2m
Restriction:
Plug Type: BladeTerminal Sleeve
Current rating at 20°C: 24 A
Current rating at 80°C: 19 A
Insertion/ extraction force: 2 +- 1 N
Base body material: CuSn/Sn (copper-tin/tin)
Lining disc material: CuBe/Ag (copper-beryllium/silver)
Surface: Silver-plated
Temperature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



Socket Width mm	Socket Height mm	Cross section mm ²	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 mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL MLK 1,2)		1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 176	1	95942167
Crimping Pliers CrimPro 30			Page 174	1	95942164
Release Tool, flat-/round plug (KOSTAL MLK 1,2)			Page 174	1	95942166
			Page 161	1	95945400

Crimp Connector

Manufacturer KOSTAL MLK 1,2m ELA
Restriction:
Plug Type: BladeTerminal 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

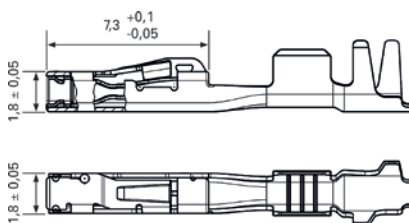


Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.	
1,2	0,6	ELA	0,17 to 0,25	50	50253429	
			0,35	50	50253431	
			0,5 to 0,75	50	50253433	
				7500	50253433088	
			0,75 to 1	50	50253435	
	7500	50253435088				
Accessories			Cross section mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)			1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 176	1	95942171
Crimping Pliers CrimPro 30				Page 174	1	95942164
Release Tool, flat-/round plug (KOSTAL MLK 1,2)				Page 174	1	95942166
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)			0,22 to 1	Page 161	1	95945400
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)			0,22 to 1	Page 71	1	50282021
				Page 71	1	50282028



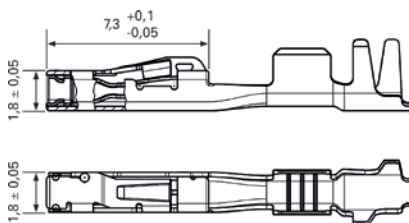
Crimp Connector

Manufacturer KOSTAL MLK 1,2m
Restriction:
Plug Type: BladeTerminal 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



Crimp Connector

Manufacturer KOSTAL MLK 1,2 Sm
Restriction:
Plug Type: BladeTerminal 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



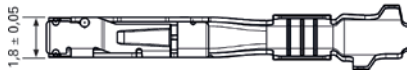
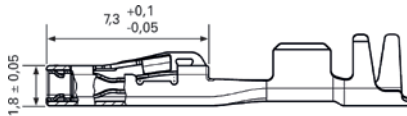
Socket Width mm	Socket Height mm	Cross section mm ²	DU	Article no.	
1,2	0,6	0,75 to 1	10000	50253994088	
Accessories		Cross section mm ²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)		1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 176	1	95942167
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL MLK 1,2)			Page 161	1	95945400

Socket Width mm	Socket Height mm	Cross section mm ²	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 mm ²	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 176	1	95942167
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL MLK 1,2)			Page 161	1	95945400



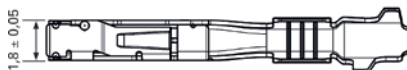
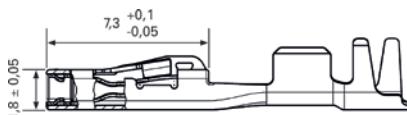
Crimp Connector

Manufacturer KOSTAL MLK 1,2Sm ELA
Restriction:
Plug Type: BladeTerminal 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



Crimp Connector

Manufacturer KOSTAL MLK 1,2 Sm
Restriction:
Plug Type: BladeTerminal Sleeve
Current rating at 20°C: 19 A
Current rating at 80°C: 16 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



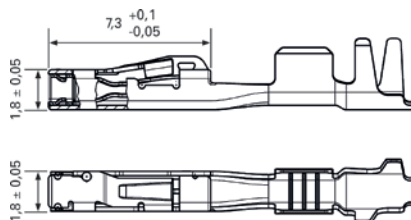
Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.	
1,2	0,6	ELA	0,17 to 0,25	50	50253469	
				7500	50253469088	
			0,35	50	50253470	
				7500	50253470088	
			0,5 to 0,75	50	50253471	
				7500	50253471088	
			0,75 to 1	50	50253472	
				7500	50253472088	
1 to 1,5	50	50253474				
	7500	50253474088				
Accessories			Cross section mm ²	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 176	1	95942171
Crimping Pliers CrimPro 30				Page 174	1	95942164
				Page 174	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)			0,22 to 1	Page 71	1	50282028

Socket Width mm	Socket Height mm	Cross section mm ²	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	
		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 mm ²	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 176	1	95942167
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL MLK 1,2)			Page 161	1	95945400



Crimp Connector

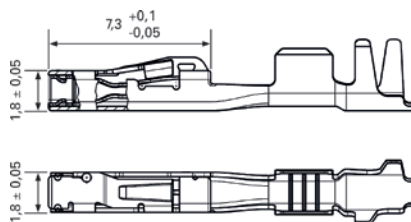
Manufacturer KOSTAL MLK 1,2Sm ELA
Restriction:
Plug Type: BladeTerminal Sleeve
Current rating at 20°C: 24 A
Current rating at 80°C: 19 A
Insertion/extraction force: 2,5 +- 1,0 N
Base body material: CuSn/Sn (copper-tin/tin)
Lining disc material: CuBe/Ag (copper-beryllium/silver)
Surface: Silver-plated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



Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.	
1,2	0,6	ELA	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 mm ²	see	DU	Article no.
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 176	1	95942171
Crimping Pliers CrimPro 30				Page 174	1	95942164
Release Tool, flat-/round plug (KOSTAL MLK 1,2)				Page 174	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)			0,22 to 1	Page 71	1	50282028

Crimp Connector

Manufacturer KOSTAL MLK 1,2 Sm
Restriction:
Plug Type: BladeTerminal Sleeve
Current rating at 20°C: 19 A
Current rating at 80°C: 16 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

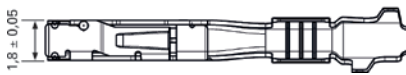
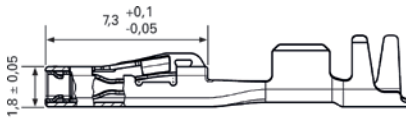


Socket Width mm	Socket Height mm	Cross section mm ²	DU	Article no.		
1,2	0,6	0,75 to 1	10000	50253498088		
Accessories			Cross section mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL MLK 1,2)			1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 176	1	95942167
Crimping Pliers CrimPro 30				Page 174	1	95942164
Crimping Pliers CrimPro 30				Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL MLK 1,2)				Page 161	1	95945400



Crimp Connector

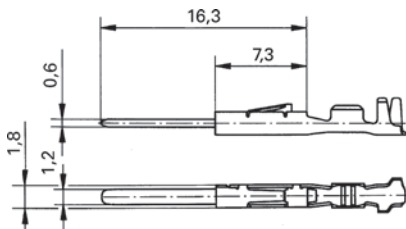
Manufacturer KOSTAL MLK 1,2Sm ELA
Restriction:
Plug Type: BladeTerminal Sleeve
Current rating at 20°C: 24 A
Current rating at 80°C: 19 A
Insertion/ extraction force: 2,5 +- 1,0 N
Base body material: CuSn/Sn (copper-tin/tin)
Lining disc material: CuBe/Au (Copper-Beryllium/ Gold)
Surface: Gold-plated
Temperature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



Socket Width mm	Socket Height mm	only with	Cross section mm ²	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 mm ²	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 176	1	95942171
Crimping Pliers CrimPro 30				Page 174	1	95942164
				Page 174	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)			0,22 to 1	Page 71	1	50282028

Crimp Connector

Manufacturer KOSTAL MLK 1,2
Restriction:
Plug Type: BladeTerminal
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

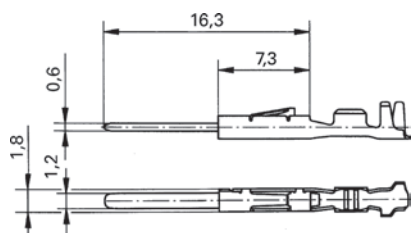


Socket Width mm	Socket Height mm	Cross section mm ²	DU	Article no.	
1,2	0,6	0,35 to 0,5	50	50253360	
			12000	50253360088	
		0,5 to 0,75	10000	50253367088	
			0,75 to 1	50	50253387
		10000		50253387088	
		1,5	8000	50253990088	
Accessories		Cross section mm ²	see	DU	
Crimping Pliers Insert (KOSTAL MLK 1,2)		1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 176	1	95942167
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL MLK 1,2)			Page 160	1	95945403



Crimp Connector

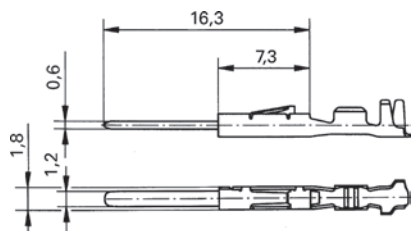
Manufacturer KOSTAL MLK 1,2
Restriction:
Plug Type: BladeTerminal
Current rating at 20°C: 19 A
Current rating at 80°C: 16 A
Base body material: CuBe/Sn (copper-beryllium/tin)
Surface: Silver-plated
Temperature range: to 170 °C



Socket Width mm	Socket Height mm	Cross section mm ²	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 mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL MLK 1,2)		1,5 0,17 to 0,25 0,22 to 0,5 0,75 to 1	Page 176	1	95942167
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL MLK 1,2)			Page 160	1	95945403

Crimp Connector

Manufacturer KOSTAL MLK 1,2 ELA-U
Restriction:
Plug Type: BladeTerminal
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

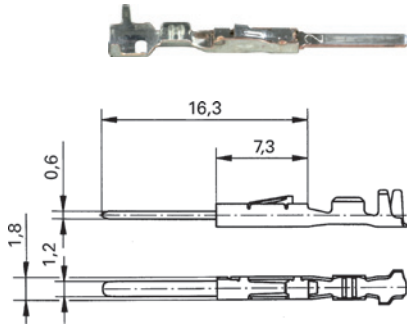


Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.
1,2	0,6	ELA	0,1 to 0,25	50	50253466
				8000	50253466088
			0,35	50	50253389
				8000	50253389088
			0,5 to 0,75	50	50253486
				8000	50253486088
			0,75 to 1	50	50253378
				8000	50253378088
Accessories		Cross section mm ²	see	DU	Article no.
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 176	1	95942171
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	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)		0,22 to 1	Page 71	1	50282028



Crimp Connector

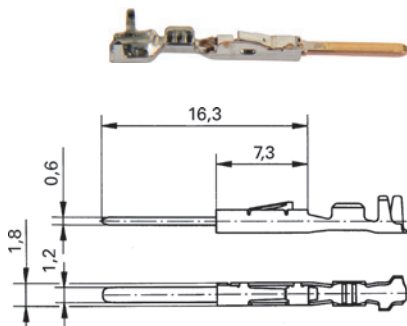
Manufacturer KOSTAL MLK 1,2 ELA-U
Restriction:
Plug Type: BladeTerminal
Current rating at 20°C: 19 A
Current rating at 80°C: 16 A
Base body material: CuBe/Sn (copper-beryllium/tin)
Surface: Silver-plated
Temperature range: to 170 °C



Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.
1,2	0,6	ELA	0,1 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 mm ²	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 176	1 95942171
Crimping Pliers CrimPro 30				Page 174	1 95942164
Release Tool, flat-/round plug (KOSTAL MLK 1,2)				Page 174	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)			0,22 to 1	Page 71	1 50282028

Crimp Connector

Manufacturer KOSTAL MLK 1,2 ELA-U
Restriction:
Plug Type: BladeTerminal
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 mm ²	only with	DU	Article no.
1,2	0,6	0,35	ELA	8000	50253457088
Accessories			Cross section mm ²	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 176	1 95942171
Crimping Pliers CrimPro 30				Page 174	1 95942164
Crimping Pliers CrimPro 30				Page 174	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

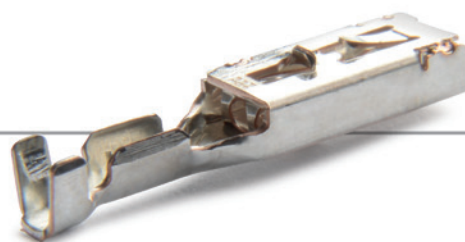


Sensor lamella contact

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.

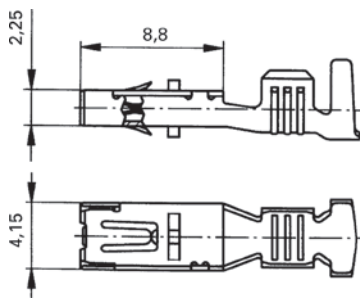
Surface	Tin	Silver
Current-carrying capacity	45 A at 20 °C 33 A at 80 °C	48 A at 20 °C 37 A at 80 °C
Min. grid/footprint	5.0 x 4.5 mm without ELA 5.0 x 5.5 mm with ELA	5.0 x 4.5 mm without ELA 5.0 x 5.5 mm with ELA
Matching plug	2.8 x 0.8 mm	2.8 x 0.8 mm
Wire size range	0.25 – 4 mm ²	0.25 – 4 mm ²
Permissible overall temperature	150 °C	170 °C
Number of mating cycles	20	100
Contact retention force	≥ 80 N	≥ 80 N





Crimp Connector

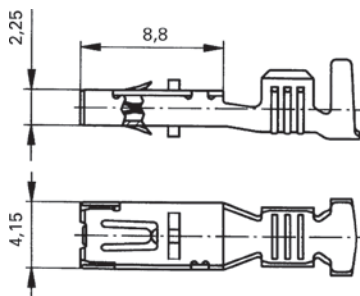
Manufacturer KOSTAL SLK 2,8
Restriction:
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 45 A
Current rating at 80°C: 33 A
Base body material: CuSn/Sn (copper-tin/tin)
Lining disc material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C
Active contact zones: 8



Socket Width mm	Socket Height mm	Cross section mm ²	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	4500	50253845088		
		1,5 to 2,5	50	50253226		
4000	50253226088					
4	50	50253227				
	3500	50253227088				
Accessories		Cross section mm ²	see	only for	DU	Article no.
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	1	95942170
Crimping Pliers CrimPro 30			Page 174		1	95942164
			Page 174		1	95942166
Release Tool, flat-/round plug (KOSTAL SLK 2,8)			Page 161		1	95945402

Crimp Connector

Manufacturer KOSTAL SLK 2,8 ELA
Restriction:
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 45 A
Current rating at 80°C: 33 A
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

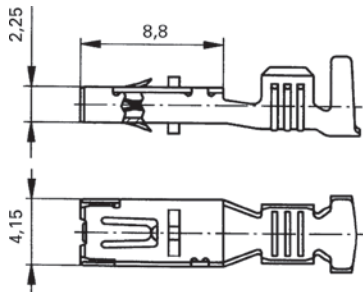


Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.	
2,8	0,8	ELA	0,22 to 0,35	50	50253228	
				4000	50253228088	
			0,5 to 0,75	50	50253229	
				4000	50253229088	
			1	4000	50253500088	
			1,5 to 2,5	50	50253230	
4000	50253230088					
4	50	50253344				
	1500	50253344088				
Accessories		Cross section mm ²	see	only for	DU	Article no.
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 174		1	95942164
			Page 174		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 KOSTAL SLK 2,8
Restriction:
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 48 A
Current rating at 80°C: 37 A
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

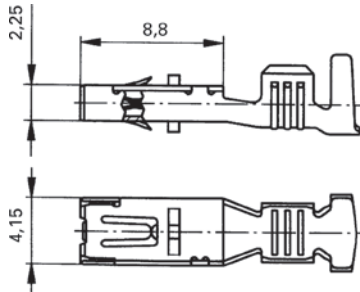


Socket Width mm	Socket Height mm	Cross section mm ²	DU	Article no.		
2,8	0,8	0,22 to 0,35	50	50253232		
			5500	50253232088		
		0,5 to 0,75	50	50253233		
			500	50253233099		
			4500	50253233088		
		1	4500	50253844088		
		1,5 to 2,5	50	50253234		
			4000	50253234088		
		4	50	50253235		
			3500	50253235088		
Accessories		Cross section mm ²	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 50253233099 50253844088	1	95942170
Crimping Pliers CrimPro 30			Page 174 Page 174		1 1	95942164 95942166
Release Tool, flat-/round plug (KOSTAL SLK 2,8)			Page 161		1	95945402



Crimp Connector

Manufacturer KOSTAL SLK 2,8 ELA
Restriction:
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 48 A
Current rating at 80°C: 37 A
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

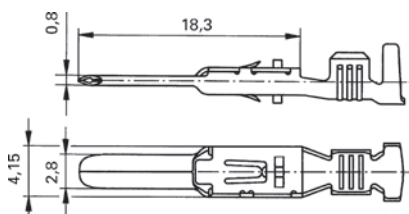


Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.	
2,8	0,8	ELA	0,22 to 0,35	50	50253236	
				4000	50253236088	
			0,5 to 0,75	50	50253237	
				1000	50253237099	
				4000	50253237088	
			1	50	50253611	
				4000	50253611088	
			1,5 to 2,5	50	50253238	
				1000	50253238099	
				4000	50253238088	
4	50	50253339				
	1500	50253339088				
Accessories		Cross section mm ²	see	only for	DU	Article no.
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 174		1	95942164
			Page 174		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

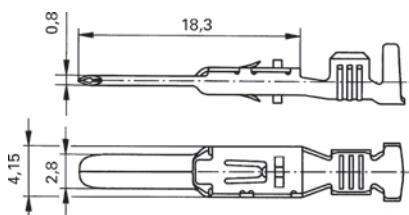
Manufacturer KOSTAL SLK 2,8
Restriction:
Plug Type: BladeTerminal
Current rating at 20°C: 45 A
Current rating at 80°C: 33 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C



Socket Width mm	Socket Height mm	Cross section mm ²	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 mm ²	see	only for	DU	Article no.
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 174		1	95942164
			Page 174		1	95942166
Release Tool, flat-/round plug (KOSTAL SLK 2,8)			Page 161		1	95945402

Crimp Connector

Manufacturer KOSTAL SLK 2,8 ELA
Restriction:
Plug Type: BladeTerminal
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

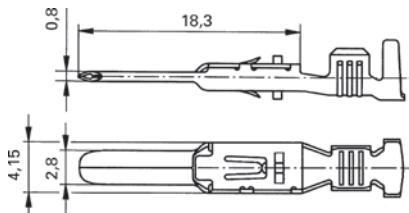


Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.	
2,8	0,8	ELA	0,22 to 0,35	50	50253366	
				4500	50253366088	
			0,5 to 0,75	50	50253245	
				4500	50253245088	
			1	4500	50253842088	
			1,5 to 2,5	50	50253246	
4500	50253246088					
4	50	50253247				
	1500	50253247088				
Accessories		Cross section mm ²	see	only for	DU	Article no.
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 174		1	95942164
			Page 174		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

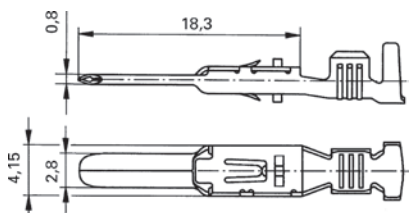
Manufacturer KOSTAL SLK 2,8
Restriction:
Plug Type: BladeTerminal
Current rating at 20°C: 48 A
Current rating at 80°C: 37 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Silver-plated
Temperature range: to 170 °C



Socket Width mm	Socket Height mm	Cross section mm ²	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 mm ²	see	only for	DU	Article no.
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 174		1	95942164
			Page 174		1	95942166
Release Tool, flat-/round plug (KOSTAL SLK 2,8)			Page 161		1	95945402

Crimp Connector

Manufacturer KOSTAL SLK 2,8 ELA
Restriction:
Plug Type: BladeTerminal
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 mm ²	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	50	50253254	
4500	50253254088					
4	50	50253255				
	1500	50253255088				
Accessories		Cross section mm ²	see	only for	DU	Article no.
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 174		1	95942164
			Page 174		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.

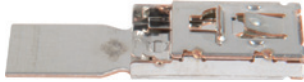
Surface	Tin	Silver
Current-carrying capacity	63 A at 20 °C 46 A at 80 °C	68 A at 20 °C 53 A at 80 °C
Min. grid/footprint	8 x 6 mm without ELA 9.5 x 9.5 mm with ELA	8 x 6 mm without ELA 9.5 x 9.5 mm with ELA
Matching plug	4.6 – 5.8 x 0.6 – 0.8 mm	4.6 – 5.8 x 0.6 – 0.8 mm
Wire size range	1.5 – 6 mm ² 15 – 9 AWG	1.5 – 6 mm ² 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 KOSTAL SLK 5,8 LL
Restriction:
Plug Type: Blade Terminal Sleeve
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



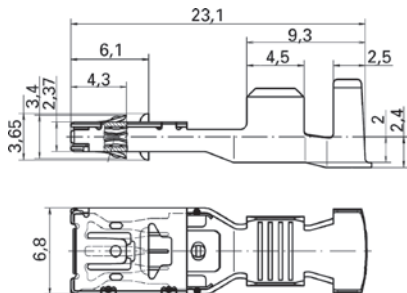
Socket Width mm	Socket Height mm	DU	Article no.
5,8	0,8	4000	50253361088
Accessories		see	DU
Release Tool, flat-/round plug (KOSTAL SLK 5,8)		Page 162	1 95945428

Crimp Connector

Manufacturer KOSTAL SLK 5,8
Restriction:
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 63 A
Current rating at 80°C: 46 A
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



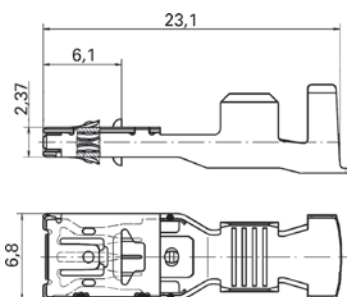
Socket Width mm	Socket Height mm	Cross section mm ²	DU	Article no.		
5,8	0,8	1,5 to 2,5	50	50253453		
			3000	50253453088		
		4 to 6	50	50253455		
			2000	50253455088		
Accessories		Cross section mm ²	see	only for	DU	Article no.
Crimping Pliers Insert (KOSTAL SLK 5,8)		1,5 2,5	Page 179	50253453 50253453088	1	95942184
		4 6	Page 178	50253455 50253455088	1	95942176
Crimping Pliers CrimPro 30			Page 174		1	95942164
			Page 174		1	95942166
Release Tool, flat-/round plug (KOSTAL SLK 5,8)			Page 162		1	95945428





Crimp Connector

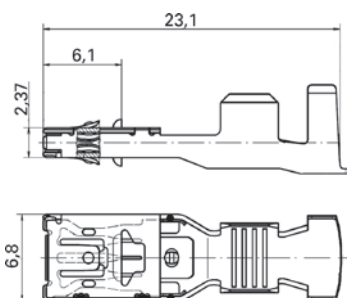
Manufacturer KOSTAL SLK 5,8 ELA-U
Restriction:
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 63 A
Current rating at 80°C: 46 A
Base body material: CuSn/Sn (copper-tin/tin)
Lining disc material: CuBe/Sn (copper-beryllium/tin)
Surface: Tin-plated
Temperature range: to 150 °C
Active contact zones: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



Socket Width mm	Socket Height mm	only with	Cross section mm ²	DU	Article no.	
5,8	0,8	ELA	1,5 to 2,5	50	50253449	
			4 to 6	50	50253451	
Accessories		Cross section mm ²	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 174		1	95942164
			Page 174		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 KOSTAL SLK 5,8
Restriction:
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 68 A
Current rating at 80°C: 53 A
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

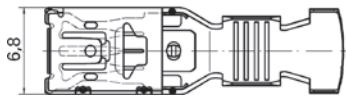
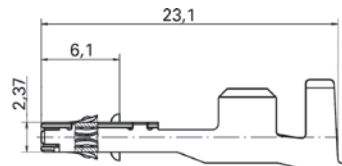


Socket Width mm	Socket Height mm	Cross section mm ²	DU	Article no.		
5,8	0,8	1,5 to 2,5	50	50253452		
		4 to 6	2000	50253454088		
Accessories		Cross section mm ²	see	only for	DU	
Crimping Pliers Insert (KOSTAL SLK 5,8)		1,5 2,5	Page 179	50253452	1	95942184
		4 6	Page 178	50253454088	1	95942176
Crimping Pliers CrimPro 30			Page 174		1	95942164
			Page 174		1	95942166
Release Tool, flat-/round plug (KOSTAL SLK 5,8)			Page 162		1	95945428



Crimp Connector

Manufacturer KOSTAL SLK 5,8 ELA-U
Restriction:
Plug Type: Blade Terminal Sleeve
Current rating at 20°C: 68 A
Current rating at 80°C: 53 A
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 mm ²	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 mm ²	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 174		1	95942164
			Page 174		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 KOSTAL SLK 5,8
Restriction:
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 mm ²	DU	Article no.	
5,8	0,8	1,5 to 2,5	3000	50253416088	
		4 to 6	2000	50253417088	
Accessories		Cross section mm ²	see	DU	
Crimping Pliers Insert (KOSTAL SLK 5,8 ELA)		1,5 2,5	Page 179	1	95942183
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	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 KOSTAL SLK 5,8 ELA-U
Restriction:
Plug Type: BladeTerminal
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 mm ²	DU	Article no.
5,8	0,8	ELA	1,5 to 2,5	1500	50253485088
			4 to 6	1500	50253415088
Accessories			Cross section mm ²	see	DU
Crimping Pliers Insert (KOSTAL SLK 5,8 ELA)			1,5 2,5	Page 179	1 95942183
Crimping Pliers CrimPro 30				Page 174	1 95942164
				Page 174	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

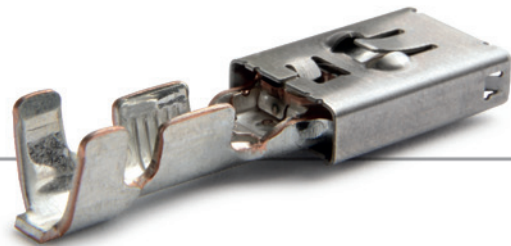


Load current contact

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 resis-

tance. 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.

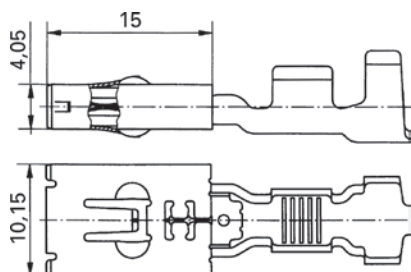
Surface	Silver
Current-carrying capacity	135 A at 20 °C 105 A at 80 °C
Min. grid/footprint	12 x 10 mm without ELA 13 x 11.5 mm with ELA
Matching plug	6.3 x 0.8 mm 8.0 x 0.8 mm
Wire size range	2.5 – 10 mm ² without ELA 4 – 16 mm ² with ELA
Permissible overall temperature	170 °C
Number of mating cycles	50
Contact retention force	≥ 200 N





Crimp Connector

Manufacturer KOSTAL LSK 8
Restriction:
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	Cross section mm ²	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 mm ²	see	only for	DU	Article no.
Adapter, crimping pliers CrimPro 40			Page 184	50253259 50253259088 50253260 50253260088	1	95942407
Crimping Pliers Insert (KOSTAL LSK 8)		2,5 to 4	Page 184	50253264 50253264088	1	95942417
		6	Page 185	50253259 50253259088 50253260 50253260088	1	95942420
		8 to 10	Page 185	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 KOSTAL LSK 8 LL
Restriction:
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

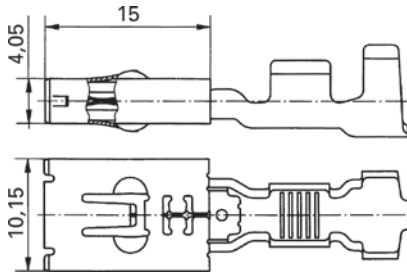
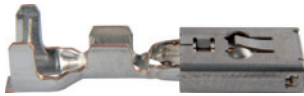


Socket Width mm	Socket Height mm	DU	Article no.
6,3	0,8	2000	50253337088
Accessories		see	DU
Release Tool, flat-/round plug (KOSTAL LSK 8)		Page 162	1



Crimp Connector

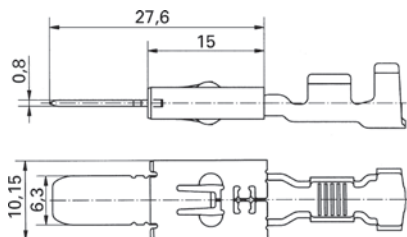
Manufacturer KOSTAL LSK 8 ELA
Restriction:
Plug Type: BladeTerminal Sleeve
Current rating at 20°C: 135 A
Current rating at 80°C: 105 A
Base body material: CuNiSi/Sn (copper-nickel-silicon/tin)
Lining disc material: CuBe/Ag (copper-beryllium/silver)
Surface: Silver-plated
Temperature range: to 170 °C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



Socket Width mm	Socket Height mm	only with	Cross section mm ²	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 mm ²	see	only for	DU	
Adapter, crimping pliers CrimPro 40			Page 184	50253261 50253261088 50253336 50253336088	1	95942407
Crimping Pliers (KOSTAL LSK 8 ELA)		2,5 to 4	Page 180	50253495088 50253495	1	95942371
Crimping Pliers Insert (KOSTAL LSK 8 ELA)		12	Page 186	50253336 50253336088	1	95942423
		4 to 6	Page 179	50253261 50253261088	1	95942175
		8 to 10	Page 185	50253336 50253336088	1	95942422
Crimping Pliers CrimPro 30			Page 174	50253261 50253261088	1	95942164
			Page 174	50253261 50253261088	1	95942166
Crimping Pliers CrimPro 40			Page 182	50253336 50253336088	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 KOSTAL LSK 8
Restriction:
Plug Type: BladeTerminal
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

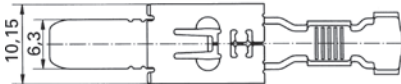
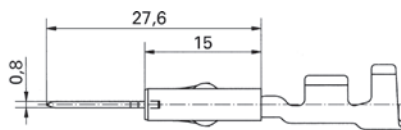


Socket Width mm	Socket Height mm	Cross section mm ²	DU	Article no.		
6,3	0,8	4 to 6	50	50253265		
			1000	50253265088		
		6 to 10	50	50253266		
			850	50253266088		
Accessories		Cross section mm ²	see	only for	DU	
Adapter, crimping pliers CrimPro 40			Page 184		1	95942407
Crimping Pliers Insert (KOSTAL LSK 8)		6	Page 185		1	95942420
		8 to 10	Page 185	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 KOSTAL LSK 8 ELA
Restriction:
Plug Type: BladeTerminal
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 mm ²	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 mm ²	see	only for	DU	Article no.
Adapter, crimping pliers CrimPro 40			Page 184		1	95942407
Crimping Pliers Insert (KOSTAL LSK 8 ELA)		12	Page 186	50253341 50253341088	1	95942423
		4 to 6	Page 179	50253267 50253267088	1	95942175
		8 to 10	Page 185	50253341 50253341088	1	95942422
Crimping Pliers CrimPro 30			Page 174	50253267 50253267088	1	95942164
			Page 174	50253267 50253267088	1	95942166
Crimping Pliers CrimPro 40			Page 182	50253341 50253341088	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.

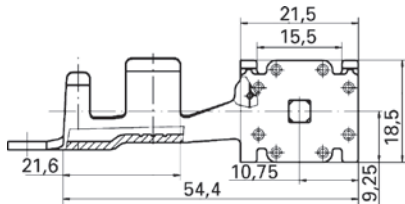
Surface	Silver
Current-carrying capacity	320 A at 20 °C 250 A at 80 °C
Min. grid/footprint	20.5 x 18.5 mm without ELA 23.0 x 23.0 mm with ELA
Suitable for plug	14.5 x 1.8 mm
Wire size range	12 – 50 mm ² 6 – 0 AWG
Permissible overall temperature	170 °C
Number of mating cycles	20
Contact retention force	≥ 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



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



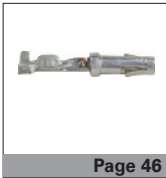
Socket Width mm	Socket Height mm	Cross section mm ²	DU	Article no.		
14,5	1,8	12 to 16	10	50253505		
		16 to 25	10	50253506		
			300	50253506099		
		25 to 35	10	50253507		
		35 to 50	10	50253996		
Accessories		Cross section mm ²	see	only for	DU	Article no.
			Page	50253996	1	95942456
Crimping Pliers Insert (KOSTAL PLK 14,5)		14 to 15	Page 188	50253505	1	95942451
		20	Page 188	50253506 50253506099	1	95942453
		25	Page 189	50253506 50253507 50253506099	1	95942454
		35	Page 189	50253507	1	95942455
		50	Page 190	50253996	1	95942992
Crimping Pliers CrimPro HV		0,5 to 300	Page 187		1	95942951

Socket Width mm	Socket Height mm	Cross section mm ²	DU	Article no.
14,5	1,8	12 to 16	300	50253519
		16 to 25	300	50253513



Contact Sleeve

Crimp Contact



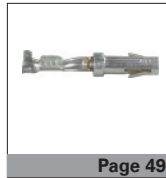
Page 46



Page 47



Page 48



Page 49



Page 50



Page 51



Page 51



Page 52



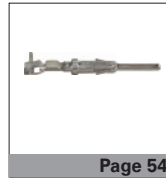
Page 52



Page 53



Page 53



Page 54



Page 55



Page 56



Page 57



Page 57



Page 58



Page 58



Page 58



Page 59



Page 59



Page 59



Page 60



Page 60



Page 60



Page 60



Page 61



Page 61



Page 62



Page 63



Page 63



Page 63



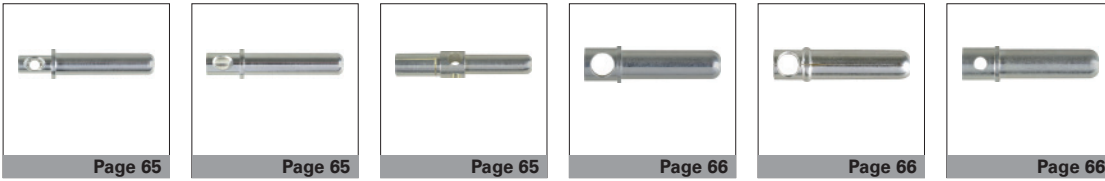
Page 64



Page 64



Page 64



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 connec-

tor 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 mm ² 24 – 13 AWG	0.25 – 2.5 mm ² 24 – 13 AWG
Permissible overall temperature	150 °C	170 °C
Number of mating cycles	20	50
Contact retention force	≥ 80 N	≥ 80 N

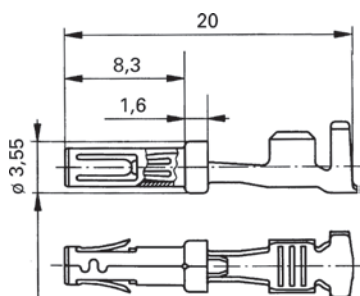




Contact Sleeve

Manufacturer KOSTAL LKS 1,5
Restriction:
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

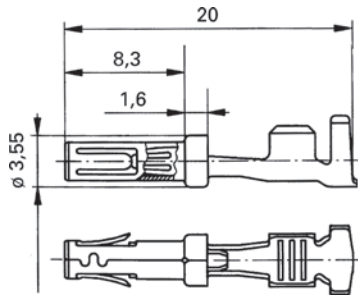
Diameter mm	Cross section mm ²	DU	Article no.		
1,5	0,25 to 0,5	50	50253268		
		4000	50253268088		
Accessories		Cross section mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL LKS 1,5)		1,5 2,5 0,25 to 0,5 0,75 to 1	Page 175	1	95942180
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL LKS 1,5)			Page 164	1	95945355





Contact Sleeve

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
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



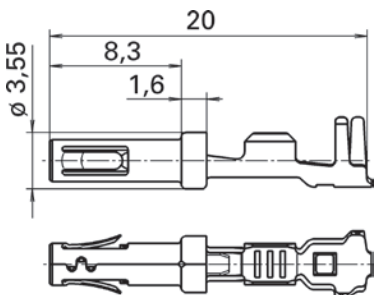
Diameter mm	only with	Cross section mm ²	DU	Article no.		
1,5	ELA	0,25 to 0,5	50	50253273		
			4000	50253273088		
		0,5 to 1	50	50253274		
			4000	50253274088		
		1 to 2,5	50	50253275		
			4000	50253275088		
Accessories		Cross section mm ²	see	only for	DU	Article no.
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)		1,5 2,5 0,22 to 0,5 0,75 to 1	Page 175		1	95942173
Crimping Pliers CrimPro 30			Page 174		1	95942164
			Page 174		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 KOSTAL LKS 1,5 ELA-U
Restriction:
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

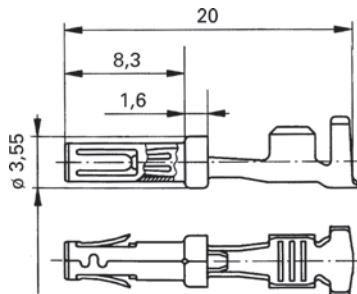
Diameter mm	only with	Cross section mm ²	DU	Article no.	
1,5	ELA	0,25 to 0,5	50	50253271	
			4000	50253271088	
		0,5 to 1	50	50253272	
			4000	50253272088	
Accessories		Cross section mm ²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)		0,22 to 0,5 0,75 to 1	Page 175	1	95942168
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	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	KOSTAL LKS 1,5
Restriction:	
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

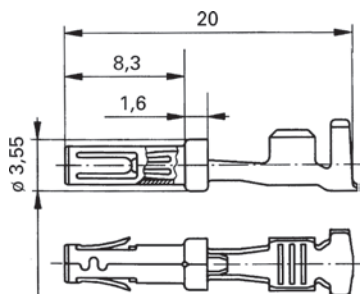


Diameter mm	Cross section mm ²	DU	Article no.		
1,5	0,25 to 0,5	50	50253276		
		4000	50253276088		
	0,5 to 1	50	50253277		
		4000	50253277088		
	1 to 2,5	50	50253278		
		4000	50253278088		
Accessories		Cross section mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL LKS 1,5)		1,5 2,5 0,25 to 0,5 0,75 to 1	Page 175	1	95942180
Crimping Pliers CrimPro 30			Page 174	1	95942164
Release Tool, flat-/round plug (KOSTAL LKS 1,5)			Page 174	1	95942166
			Page 164	1	95945355



Contact Sleeve

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
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

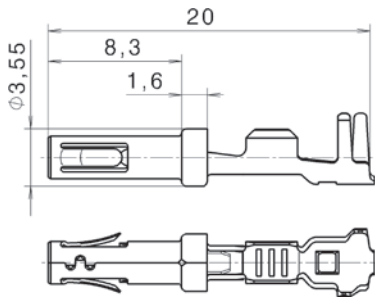


Diameter mm	only with	Cross section mm ²	DU	Article no.		
1,5	ELA	0,25 to 0,5	50	50253281		
			4000	50253281088		
		0,5 to 1	50	50253282		
			4000	50253282088		
		1 to 2,5	50	50253283		
			4000	50253283088		
Accessories		Cross section mm ²	see	only for	DU	Article no.
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)		1,5 2,5 0,22 to 0,5 0,75 to 1	Page 175		1	95942173
Crimping Pliers CrimPro 30			Page 174		1	95942164
			Page 174		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

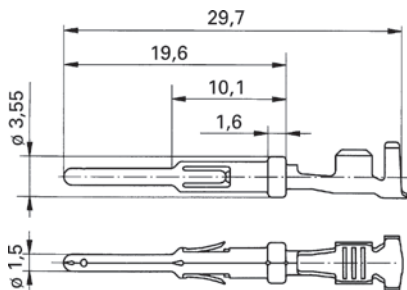
Manufacturer KOSTAL LKS 1,5 ELA-U
Restriction:
Plug Type: Crimp Contact
Current rating at 20°C: 38 A
Current rating at 80°C: 30 A
Insertion/ extraction force: 6 +- 2 N
Base body material: CuSn/Sn (copper-tin/tin)
Lining disc material: CuBe/Ag (copper-beryllium/silver)
Surface: Silver-plated
Temperature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



Diameter mm	only with	Cross section mm ²	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 mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)		0,22 to 0,5 0,75 to 1	Page 175	1	95942168
Crimping Pliers CrimPro 30			Page 174	1	95942164
Release Tool, flat-/round plug (KOSTAL LKS 1,5)			Page 174	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 KOSTAL LKS 1,5
Restriction:
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

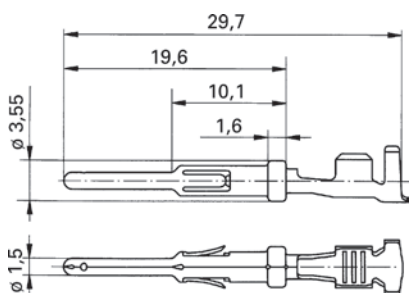


Diameter mm	Cross section mm ²	DU	Article no.		
1,5	0,25 to 0,5	50	50253284		
		5500	50253284088		
	1 to 2,5	50	50253286		
		4000	50253286088		
Accessories		Cross section mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL LKS 1,5)		1,5 2,5 0,25 to 0,5 0,75 to 1	Page 175	1	95942180
Crimping Pliers CrimPro 30			Page 174	1	95942164
Release Tool, flat-/round plug (KOSTAL LKS 1,5)			Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL LKS 1,5)			Page 164	1	95945353



Contact Pin

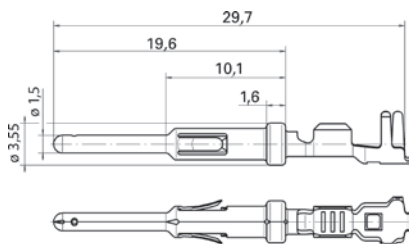
Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
Plug Type: Crimp Contact
Current rating at 20°C: 36 A
Current rating at 80°C: 27 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Tin-plated
Temperature range: to 150 °C



Diameter mm	only with	Cross section mm ²	DU	Article no.		
1,5	ELA	0,25 to 0,5	50	50253289		
			4000	50253289088		
		0,75 to 1	50	50253290		
			4000	50253290088		
		1 to 2,5	50	50253291		
Accessories		Cross section mm ²	see	only for	DU	Article no.
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)		1,5 2,5 0,22 to 0,5 0,75 to 1	Page 175		1	95942173
Crimping Pliers CrimPro 30			Page 174		1	95942164
Release Tool, flat-/round plug (KOSTAL LKS 1,5)			Page 174		1	95942166
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 164		1	95945353
			Page 71	50253289 50253289088 50253290 50253290088	1	50282022
		1,5 to 2,5	Page 71	50253291	1	50282023

Contact Pin

Manufacturer KOSTAL LKS 1,5 ELA-U
Restriction:
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

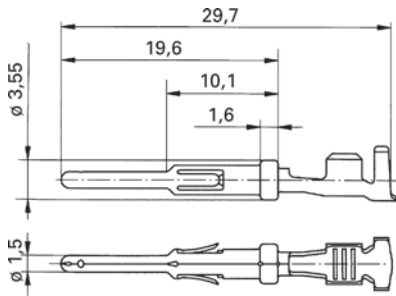


Diameter mm	only with	Cross section mm ²	DU	Article no.	
1,5	ELA	0,25 to 0,5	50	50253287	
			4000	50253287088	
		0,75 to 1	50	50253288	
Accessories		Cross section mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)		0,22 to 0,5 0,75 to 1	Page 175	1	95942168
Crimping Pliers CrimPro 30			Page 174	1	95942164
Release Tool, flat-/round plug (KOSTAL LKS 1,5)			Page 174	1	95942166
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)			Page 164	1	95945353
		0,22 to 1	Page 71	1	50282028



Contact Pin

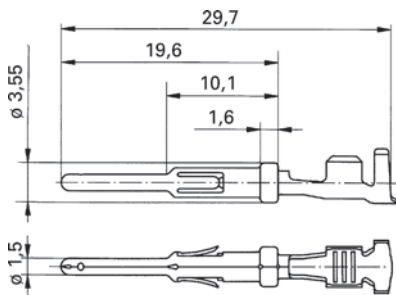
Manufacturer KOSTAL LKS 1,5
Restriction:
Plug Type: Crimp Contact
Current rating at 20°C: 38 A
Current rating at 80°C: 30 A
Base body material: CuSn/Sn (copper-tin/tin)
Surface: Silver-plated
Temperature range: to 170 °C



Diameter mm	Cross section mm ²	DU	Article no.		
1,5	0,25 to 0,5	50	50253292		
		5500	50253292088		
	0,75 to 1	50	50253293		
		50	50253294		
	1 to 2,5	4000	50253294088		
Accessories		Cross section mm ²	see	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5)		1,5 2,5 0,25 to 0,5 0,75 to 1	Page 175	1	95942180
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	1	95942166
Release Tool, flat-/round plug (KOSTAL LKS 1,5)			Page 164	1	95945353

Contact Pin

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
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

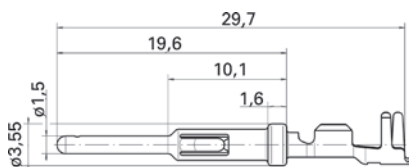


Diameter mm	only with	Cross section mm ²	DU	Article no.		
1,5	ELA	0,25 to 0,5	50	50253297		
		0,75 to 1	50	50253298		
		1 to 2,5	50	50253299		
			4000	50253299088		
Accessories		Cross section mm ²	see	only for	DU	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)		1,5 2,5 0,22 to 0,5 0,75 to 1	Page 175		1	95942173
Crimping Pliers CrimPro 30			Page 174		1	95942164
			Page 174		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 KOSTAL LKS 1,5 ELA-U
Restriction:
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 mm ²	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 mm ²	see	DU	Article no.
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)		0,22 to 0,5 0,75 to 1	Page 175	1	95942168
Crimping Pliers CrimPro 30			Page 174	1	95942164
			Page 174	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

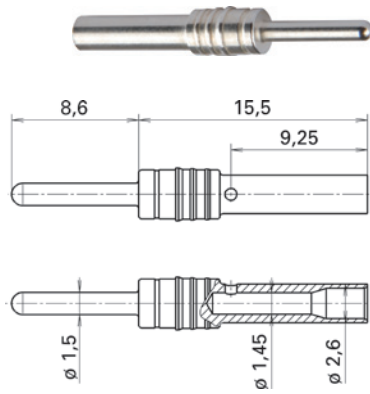


KOSTAL RK 1,5

Contact Pin

Manufacturer KOSTAL RK 1,5
Restriction:
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 mm ²	Length mm	DU	Article no.
1,5	0,5 to 1	24	50	50253938
			25000	50253938099



KOSTAL RK 2,5

» KONTAKTFAMILIE RK 2,5



Rundkontakt

Die RK 2,5-Kontaktfamilie ist ein bereits seit vielen Jahren etabliertes und bewährtes Stecksystem. Der einteilige Aufbau und die drei Kontaktzonen stellen eine hohe Tragfähigkeit sowie Zuverlässigkeit sicher. Die RK 2,5-Steckhülse ist für die Kontaktierung auf einen Rundstecker

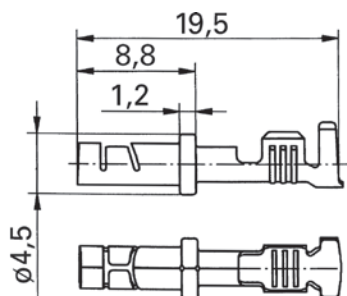
mit 2,5 mm Durchmesser geeignet. Die verschiedenen Bauformen des Kontakts ermöglichen eine Verarbeitung per Crimp- oder Lötverfahren. Durch die speziellen Eigenschaften dieser Steckhülse eignet sie sich für vielseitige Anwendungsbereiche.

Oberfläche	Silber
Strombelastbarkeit	22 A bei 80 °C
Min. Raster/Spur	5,0 x 5,5 mm
Passender Stecker	Ø 1,5 mm
Drahtgrößenbereich	0,25 – 2,5 mm ²
Zulässige Gesamttemperatur	110 °C
Anzahl Steckzyklen	15
Kontakthaltekraft	≥ 120 N



Contact Sleeve

Manufacturer	KOSTAL RK 2,5
Restriction:	
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

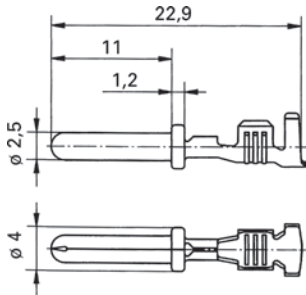


Diameter mm	Cross section mm ²	DU	Article no.		
2,5	0,25 to 0,5	50	50253300		
		4000	50253300088		
	0,5 to 1	50	50253301		
		4000	50253301088		
	1 to 2,5	50	50253302		
		3800	50253302088		
Accessories		Cross section mm ²	see	DU	
Crimping Pliers		1,5 to 2,5 4 to 6 0,5 to 1	Katalog08	1	95942261
Release Tool, flat-/round plug (KOSTAL RK 2,5)			Page 164	1	95945359



Contact Pin

Manufacturer KOSTAL RK 2,5
Restriction:
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 mm ²	DU	Article no.		
2,5	0,25 to 0,5	50	50253303		
		4500	50253303088		
	0,5 to 1	50	50253304		
		4500	50253304088		
	1 to 2,5	50	50253305		
		4000	50253305088		
Accessories		Cross section mm ²	see	DU	
Crimping Pliers		1,5 to 2,5 4 to 6 0,5 to 1	Katalog08	1	95942261
Release Tool, flat-/round plug (KOSTAL RK 2,5)			Page 164	1	95945359

Contact Sleeve

Manufacturer KOSTAL RK 2,5 L
Restriction:
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 KOSTAL RK 2,5 L
Restriction:
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 KOSTAL RK 2,5 L
Restriction:
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 KOSTAL RK 2,5 L
Restriction:
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 KOSTAL RK 2,5 L 90
Restriction:
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 KOSTAL RK 2,5 L 90
Restriction:
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 KOSTAL RK 2,5 L 90
Restriction:
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
			1500	50253944099

Contact Pin

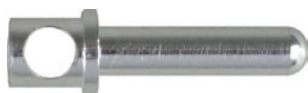
Manufacturer Restriction: KOSTAL RK 2,5 L 90
Plug Type: Soldered Pin Contact
Current rating at 20°C: 35 A
Current rating at 80°C: 22 A
Base body material: CuSn/Ag (copper-tin/silver)
Surface: Silver-plated
Temperature range: to 110 °C



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



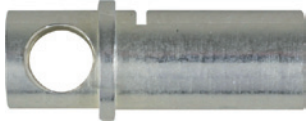
Diameter mm	Length mm	Bore Ø mm	DU	Article no.
2,5	15	2,2	50	50253943
			2000	50253943099



Contact Sleeve

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

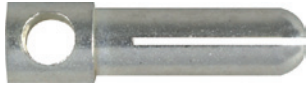
Diameter mm	Length mm	Bore Ø mm	DU	Article no.
3,3	12	2,6	50	50253926



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 mm ²
Suitable for plug	Ø 4 mm
Wire size range	0.2 – 4 mm ² 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

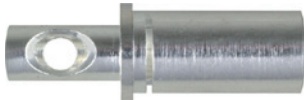
Diameter mm	Length mm	Bore Ø mm	DU	Article no.
4	19,65	3,2	10000	50253962





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 KOSTAL RK 4 L 90
Restriction:
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

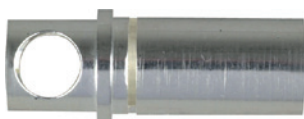
Manufacturer KOSTAL RK 4 L 90
Restriction:
Plug Type: Soldered Bush Contact
Current rating at 20°C: 60 A
Current rating at 80°C: 40 A
Insertion/ extraction force: 8 +- 3 N
Base body material: CuBe/Ag (copper-beryllium/ silver)
Surface: Silver-plated
Temperature range: to 130 °C



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

Contact Sleeve

Manufacturer KOSTAL RK 4 L 90
Restriction:
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 KOSTAL RK 4 L
Restriction:
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 KOSTAL RK 4 L
Restriction:
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 KOSTAL RK 4 L
Restriction:
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 KOSTAL RK 4 L 90
Restriction:
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
			2500	50253921099

Contact Pin

Manufacturer KOSTAL RK 4 L 90
Restriction:
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 KOSTAL RK 4 L 90
Restriction:
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	50	50253951
			2000	50253951099





2

Gaskets+grommets



Sealing-/Protection Plugs

70 - 71



Sealing-/Protection Plugs



2



ELA

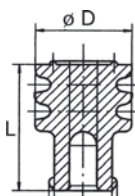
Sealing-/Protection Plugs



Manufacturer Restriction	Cross section mm ²	Colour	DU	Article no.
KOSTAL PLK 14,5	16		20	50282069
	25		20	50282070
	35		20	50282072
	50		20	50282077

ELB

Sealing-/Protection Plugs

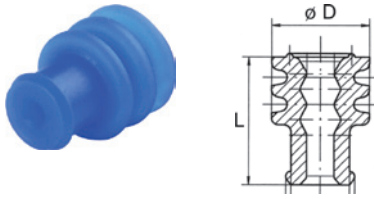


Material: MVQ (Silicone Elastomer)

Length mm	Diameter mm	Manufacturer Restriction	Colour	DU	Article no.
7,5	4,4 to 4,7	KOSTAL ELB 4		1	50282031
	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
	8,9 to 9,2	KOSTAL ELB 8,5		50	50282019
14	12,2 to 12,5	KOSTAL ELB 11,8		20	50282059

ELA

Sealing-/Protection Plugs



Material: MVQ (Silicone Elastomer)

Length h mm	Manufacturer Restriction	Diameter mm	Cross section mm ²	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		1	50282022	
				1,5 to 2,5	1,5 to 1,8		1	50282023
8	KOSTAL ELA 7	7,4 to 7,7	4	2,6 to 2,9		1	50282024	
						100	50282029	
	KOSTAL ELA 8,5	8,9 to 9,2		10000	50282068			
				10000	50282029099			
	KOSTAL ELA-U 3,6	3,85 to 4	0,12 to 0,22	0,81 to 1,2		1	50282086	
			0,35 to 0,5	0,7 to 0,9		1	50282025	
KOSTAL ELA-U 4	3,9 to 4,1	0,22 to 1	0,7 to 1		1	50282021		
				0,75 to 0,95	0,7 to 1		20000	50282199
9,4	KOSTAL ELA-U 8,5	8,9 to 9,2	1,5 to 2,5	1,5 to 1,8		10000	50282063	
				4 to 6	2,6 to 2,9		1	50282064
9,50	KOSTAL ELA 7	7,40 to 7,70	0,25 to 1	0,7 to 1		10000	50282061	
9,5					KOSTAL ELA 8,5	8,9 to 9,2	0,22 to 1	0,7 to 1
	1,5 to 2,5	1,5 to 1,8		100				
			5000	50282035099				
14	KOSTAL ELA 11,8	12,2 to 12,5	2,5	2,2 to 2,5		1	50282033	
				4 to 6	3 to 3,3		50	50282026
				6 to 12	3,6 to 3,9		50	50282027
					2000	50282027099		

Sealing-/Protection Plugs



Number of Poles: 28 terminal

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

Sealing-/Protection Plugs



Number of Poles: 52 terminal

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

Sealing-/Protection Plugs



Number of Poles: 96 terminal

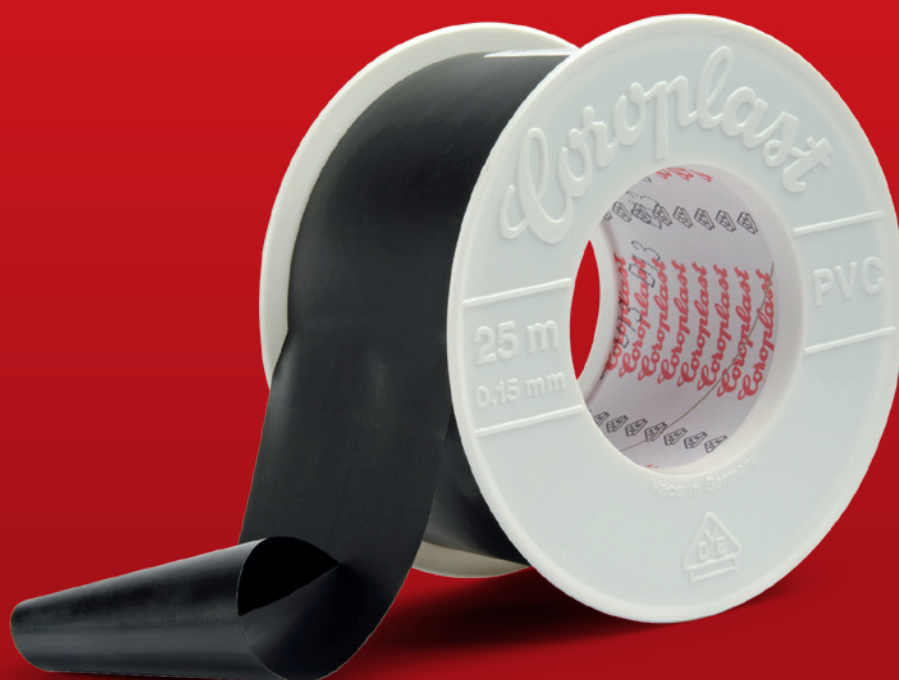
Manufacturer Restriction	Colour	DU	Article no.
KOSTAL MLK 1,2		50	50282099

ELPARTS

INSTALLATION Verbinder | Befestigungsteile | Kabelbinder | Dichtungen+Tüllen | Isolierband |
Schläuche+Rohre | Kabel+Kabelverbindungen | Batteriezubehör | Steckgehäuse | Sicherungen |
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Die meisten Isolierbänder bestehen aus PVC, das ein hervorragender Isolator ist. Wir haben zudem Isolierbänder aus Polypropylen, Polyester, Zellwollgewebe oder Butylkautschuk im Sortiment. Die verschiedensten Längen, Breiten und Stärken bieten für jedes Problem die richtige Lösung.

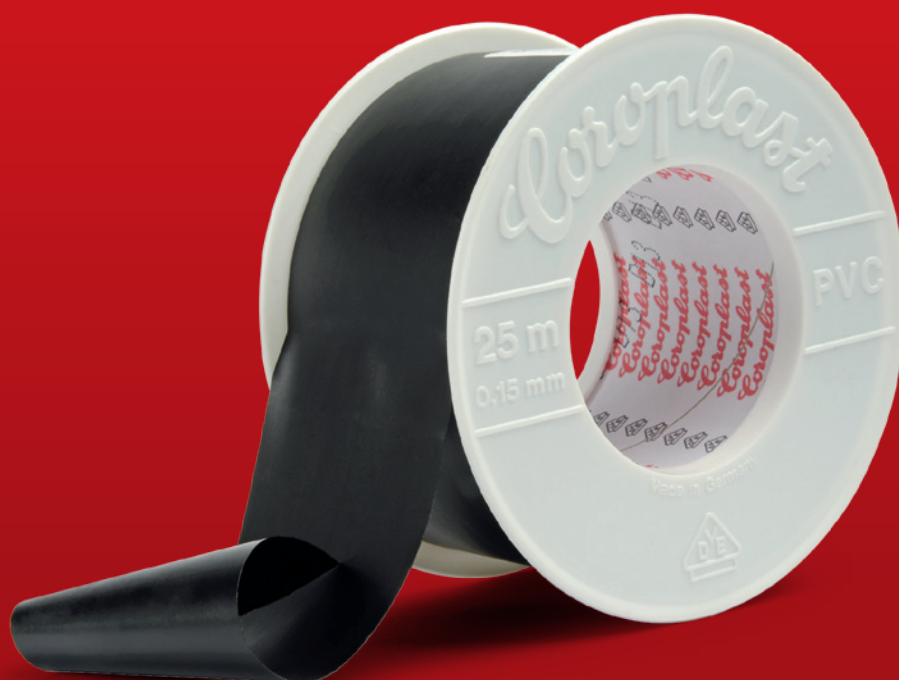
Passt immer!

ELPARTS

INSTALLATION | Verbindert | Befestigungsteile | Kabelbinder | Dichtungen+Tüllen | Isolierband |
Schläuche+Rohre | Kabel+Kabelverbindungen | Batteriezubehör | Steckgehäuse | Sicherungen |
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Passt immer!

Plug housings



3

Connector housing	140 - 149
Connector sleeve housing	82 - 155
Cover Cap, plug housing	118 - 132
Holder, contact carrier	119
Insulator	134
Lid	93
Pin case	141 - 149
Plug housing	83 - 154
Plug Housing Set	121 - 125
Retaining Plate	132
Seal	119 - 153
Sealing-/Protection Plugs	120 - 131
Secondary Lock, plug housing	119 - 120
Spacer Sleeve	131
Split Sleeve	131
Steckhülsegehäuse	152





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.

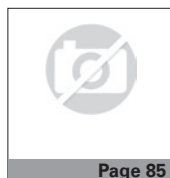
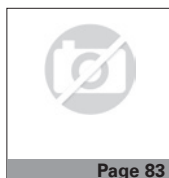
Latching with CPA (Connect or Position Assurance)

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.

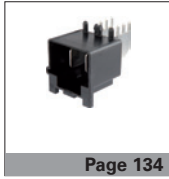


						
Page 86	Page 87	Page 87	Page 88	Page 88	Page 89	Page 89
						
Page 90	Page 90	Page 91	Page 91	Page 92	Page 92	Page 93
						
Page 93	Page 93	Page 93	Page 95	Page 96	Page 97	Page 97
						
Page 98	Page 98	Page 99	Page 100	Page 100	Page 101	Page 102
						
Page 102	Page 103	Page 103	Page 104	Page 104	Page 105	Page 105
						
Page 106	Page 106	Page 107	Page 107	Page 108	Page 108	Page 109
						
Page 109	Page 110	Page 110	Page 110	Page 111	Page 111	Page 112



 Page 112	 Page 113	 Page 113	 Page 113	 Page 114	 Page 115	 Page 116
 Page 116	 Page 117	 Page 117	 Page 118	 Page 118	 Page 118	 Page 119
 Page 119	 Page 119	 Page 119	 Page 119	 Page 120	 Page 120	 Page 120
 Page 120	 Page 121	 Page 121	 Page 122	 Page 122	 Page 123	 Page 123
 Page 124	 Page 125	 Page 127	 Page 127	 Page 128	 Page 128	 Page 129
 Page 129	 Page 129	 Page 129	 Page 130	 Page 131	 Page 131	 Page 131 ELA
 Page 131	 Page 132	 Page 132	 Page 133	 Page 133	 Page 133	 Page 134

3





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

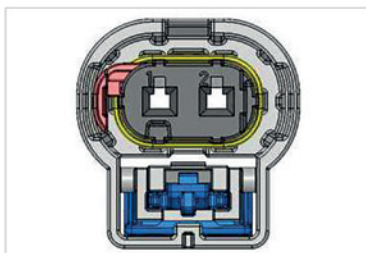


Type L140

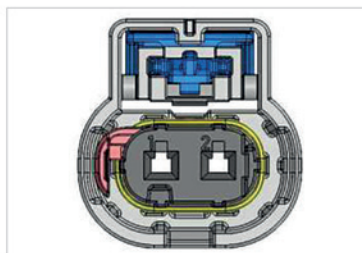


Type S140

Locking variants



Locking variant „Clip Top“

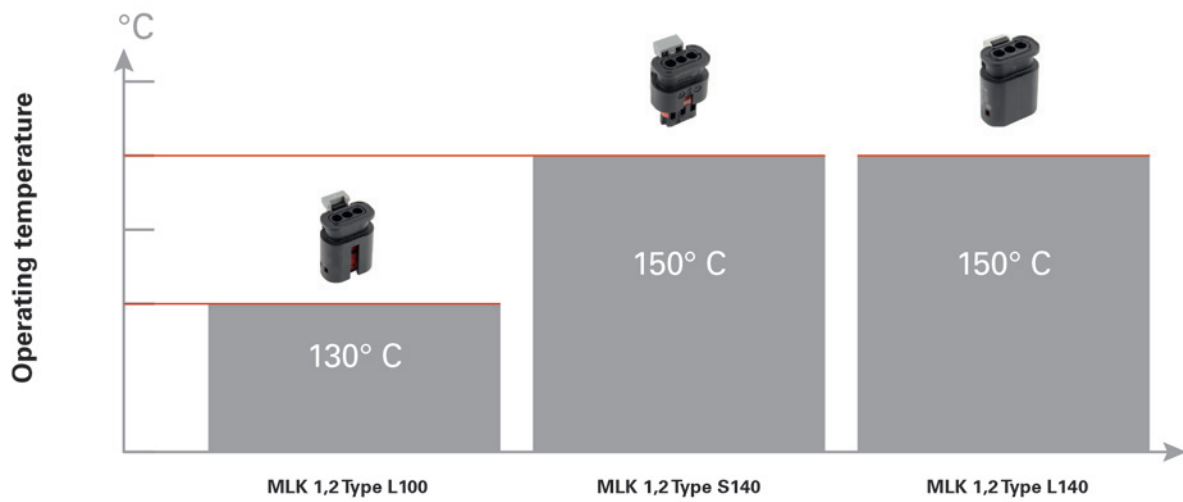
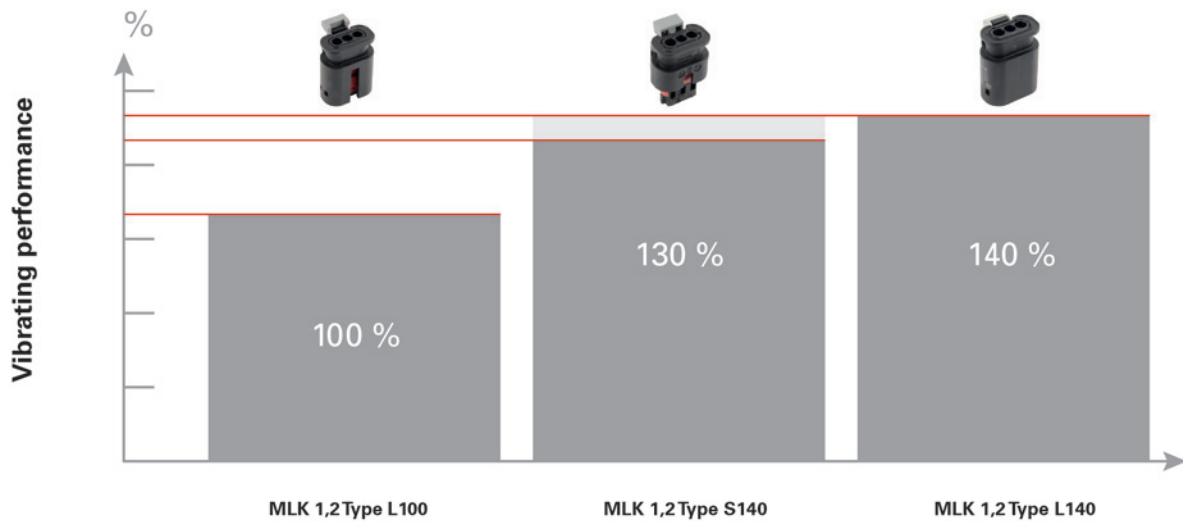


Locking variant „Clip Down“
(protective collar turned by 180°)



3

» MLK 1,2 PLUG HOUSING



3



Connector sleeve 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	
					2500	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	
					2500	50390271099	
				Code Z Clip down	20	50390380	
			Code Z Clip top	20	50390379		
Accessories			Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)			Silver-plated	0,17 to 0,25	Page 22	50	
			Silver-plated	0,35	Page 22	50	
			Silver-plated	0,5 to 0,75	Page 22	50	
			Silver-plated	0,75 to 1	Page 22	50	
			Tin-plated	0,17 to 0,25	Page 21	50	
			Tin-plated	0,35	Page 21	50	
			Tin-plated	0,5 to 0,75	Page 21	50	
	Tin-plated	0,75 to 1	Page 21	50			
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)				0,22 to 1	Page 71	1	
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)					Page 70	1	

3

Connector sleeve housing

Manufacturer Restriction: KOSTAL MLK 1,2 ELA S140
Temperature range: to 150 °C
Number of Poles: 2 terminal
Plug Type: BladeTerminal 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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
	Tin-plated	0,17 to 0,25	Page 21	50	50253469
	Tin-plated	0,35	Page 21	50	50253470
	Tin-plated	0,5 to 0,75	Page 21	50	50253471
	Tin-plated	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-U
Number of Poles: 2 terminal
Plug Type: BladeTerminal



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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 ELA-U)	Silver-plated	0,1 to 0,25	Page 25	50	50253459
	Silver-plated	0,35 to 0,5	Page 25	50	50253386
	Silver-plated	0,5 to 0,75	Page 25	50	50253394
	Silver-plated	0,75 to 1	Page 25	50	50253377
	Tin-plated	0,1 to 0,25	Page 24	50	50253466
	Tin-plated	0,35	Page 24	50	50253389
	Tin-plated	0,5 to 0,75	Page 24	50	50253486
	Tin-plated	0,75 to 1	Page 24	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



Connector sleeve housing

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



50390278



50390279



50390508001



50390388



50390387



50390350



50390276



50390277



50390386



50390385

IP-Code	Info	Version	CPA Version	Plug Type ID	DU	Article no.
IP X9K	with retaining		long	Code A Clip down	20	50390278
				Code A Clip top	20	50390279
			Short	Code Z Clip down	20	50390508001
				Code Z Clip top	20	50390388
				Code A Clip top	2500	50390350
	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
				Code Z Clip top	20	50390385
Accessories			Surface	Cross section mm ²	see	DU
Crimp Connector (KOSTAL MLK 1,2Sm ELA)			Silver-plated	0,17 to 0,25	Page 22	50
			Silver-plated	0,35	Page 22	50
			Silver-plated	0,5 to 0,75	Page 22	50
			Silver-plated	0,75 to 1	Page 22	50
			Tin-plated	0,17 to 0,25	Page 21	50
			Tin-plated	0,35	Page 21	50
			Tin-plated	0,5 to 0,75	Page 21	50
			Tin-plated	0,75 to 1	Page 21	50
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)				0,22 to 1	Page 71	1
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)					Page 70	1

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



50390943

IP-Code	Version	Plug Type ID	DU	Article no.
IP X9K		Code A Clip top	1	50390763
	GM	Code D Clip top	2500	50390943
Accessories		Surface	Cross section mm ²	see
Crimp Connector (KOSTAL MLK 1,2Sm ELA)		Silver-plated	0,17 to 0,25	Page 22
		Silver-plated	0,35	Page 22
		Silver-plated	0,5 to 0,75	Page 22
		Silver-plated	0,75 to 1	Page 22
		Tin-plated	0,17 to 0,25	Page 21
		Tin-plated	0,35	Page 21
		Tin-plated	0,5 to 0,75	Page 21
		Tin-plated	0,75 to 1	Page 21
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)			0,22 to 1	Page 71
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)				Page 70

Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
	Tin-plated	0,17 to 0,25	Page 21	50	50253469
	Tin-plated	0,35	Page 21	50	50253470
	Tin-plated	0,5 to 0,75	Page 21	50	50253471
	Tin-plated	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-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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 ELA-U)	Silver-plated	0,1 to 0,25	Page 25	50	50253459
	Silver-plated	0,35 to 0,5	Page 25	50	50253386
	Silver-plated	0,5 to 0,75	Page 25	50	50253394
	Silver-plated	0,75 to 1	Page 25	50	50253377
	Tin-plated	0,1 to 0,25	Page 24	50	50253466
	Tin-plated	0,35	Page 24	50	50253389
	Tin-plated	0,5 to 0,75	Page 24	50	50253486
	Tin-plated	0,75 to 1	Page 24	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



Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484	
	Silver-plated	0,35	Page 22	50	50253463	
	Silver-plated	0,5 to 0,75	Page 22	50	50253464	
	Silver-plated	0,75 to 1	Page 22	50	50253465	
	Tin-plated	0,17 to 0,25	Page 21	50	50253469	
	Tin-plated	0,35	Page 21	50	50253470	
	Tin-plated	0,5 to 0,75	Page 21	50	50253471	
	Tin-plated	0,75 to 1	Page 21	50	50253472	
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)				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: 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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
	Tin-plated	0,17 to 0,25	Page 21	50	50253469
	Tin-plated	0,35	Page 21	50	50253470
	Tin-plated	0,5 to 0,75	Page 21	50	50253471
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

Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
	Tin-plated	0,17 to 0,25	Page 21	50	50253469
	Tin-plated	0,35	Page 21	50	50253470
	Tin-plated	0,5 to 0,75	Page 21	50	50253471
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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 ELA-U)	Silver-plated	0,1 to 0,25	Page 25	50	50253459
	Silver-plated	0,35 to 0,5	Page 25	50	50253386
	Silver-plated	0,5 to 0,75	Page 25	50	50253394
	Silver-plated	0,75 to 1	Page 25	50	50253377
	Tin-plated	0,1 to 0,25	Page 24	50	50253466
	Tin-plated	0,35	Page 24	50	50253389
	Tin-plated	0,5 to 0,75	Page 24	50	50253486
	Tin-plated	0,75 to 1	Page 24	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

Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
	Tin-plated	0,17 to 0,25	Page 21	50	50253469
	Tin-plated	0,35	Page 21	50	50253470
	Tin-plated	0,5 to 0,75	Page 21	50	50253471
	Tin-plated	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

Connector sleeve housing

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



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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
	Tin-plated	0,17 to 0,25	Page 21	50	50253469
	Tin-plated	0,35	Page 21	50	50253470
	Tin-plated	0,5 to 0,75	Page 21	50	50253471
	Tin-plated	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

Connector sleeve housing

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



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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
	Tin-plated	0,17 to 0,25	Page 21	50	50253469
	Tin-plated	0,35	Page 21	50	50253470
	Tin-plated	0,5 to 0,75	Page 21	50	50253471
	Tin-plated	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



Connector sleeve 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

Connector sleeve 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 mm ²	see	DU	Article no.
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
	Tin-plated	0,17 to 0,25	Page 21	50	50253469
	Tin-plated	0,35	Page 21	50	50253470
	Tin-plated	0,5 to 0,75	Page 21	50	50253471
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 3,6)	Tin-plated	0,75 to 1	Page 21	50	50253472
Sealing-/Protection Plugs ELB (KOSTAL ELB 3,6)		0,22 to 1	Page 71	1	50282021
			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: BladeTerminal



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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 ELA-U)	Silver-plated	0,1 to 0,25	Page 25	50	50253459
	Silver-plated	0,35 to 0,5	Page 25	50	50253386
	Silver-plated	0,5 to 0,75	Page 25	50	50253394
	Silver-plated	0,75 to 1	Page 25	50	50253377
	Tin-plated	0,1 to 0,25	Page 24	50	50253466
	Tin-plated	0,35	Page 24	50	50253389
	Tin-plated	0,5 to 0,75	Page 24	50	50253486
	Tin-plated	0,75 to 1	Page 24	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

Connector sleeve housing

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



Info	Version	DU	Article no.		
with lid	Wabco	25	50390463		
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 21	50	50253967
	Silver-plated	0,17 to 0,25	Page 21	50	50253475
	Silver-plated	0,35	Page 21	50	50253477
	Silver-plated	0,5 to 0,75	Page 21	50	50253478
	Silver-plated	0,75 to 1	Page 21	50	50253479
	Silver-plated	1 to 1,5	Page 21	50	50253481
	Tin-plated	0,12 to 0,14	Page 20	50	50253966
	Tin-plated	0,17 to 0,25	Page 20	50	50253476
	Tin-plated	0,35	Page 20	50	50253462
	Tin-plated	0,5 to 0,75	Page 20	50	50253483
	Tin-plated	0,75 to 1	Page 20	50	50253480
	Tin-plated	1 to 1,5	Page 20	50	50253482



3



Connector sleeve housing

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



				DU	Article no.
				2000	50390477
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 21	50	50253967
	Silver-plated	0,17 to 0,25	Page 21	50	50253475
	Silver-plated	0,35	Page 21	50	50253477
	Silver-plated	0,5 to 0,75	Page 21	50	50253478
	Silver-plated	0,75 to 1	Page 21	50	50253479
	Silver-plated	1 to 1,5	Page 21	50	50253481
	Tin-plated	0,12 to 0,14	Page 20	50	50253966
	Tin-plated	0,17 to 0,25	Page 20	50	50253476
	Tin-plated	0,35	Page 20	50	50253462
	Tin-plated	0,5 to 0,75	Page 20	50	50253483
	Tin-plated	0,75 to 1	Page 20	50	50253480
	Tin-plated	1 to 1,5	Page 20	50	50253482

Connector sleeve housing

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




Version	Plug Type ID			DU	Article no.
Behr	Code A			1	50290694
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 21	50	50253967
	Silver-plated	0,17 to 0,25	Page 21	50	50253475
	Silver-plated	0,35	Page 21	50	50253477
	Silver-plated	0,5 to 0,75	Page 21	50	50253478
	Silver-plated	0,75 to 1	Page 21	50	50253479
	Silver-plated	1 to 1,5	Page 21	50	50253481
	Tin-plated	0,12 to 0,14	Page 20	50	50253966
	Tin-plated	0,17 to 0,25	Page 20	50	50253476
	Tin-plated	0,35	Page 20	50	50253462
	Tin-plated	0,5 to 0,75	Page 20	50	50253483
	Tin-plated	0,75 to 1	Page 20	50	50253480
	Tin-plated	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: BladeTerminal 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: BladeTerminal



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



3

Plug Housing

Manufacturer Restriction: KOSTAL BGR



Version	DU	Article no.
BMW	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



3

KOSTAL SLK 2,8 ELA

Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)		Silver-plated	0,22 to 0,35	Page 29	50	50253236
		Silver-plated	0,5 to 0,75	Page 29	50	50253237
		Silver-plated	1,5 to 2,5	Page 29	50	50253238
		Tin-plated	0,22 to 0,35	Page 27	50	50253228
		Tin-plated	0,5 to 0,75	Page 27	50	50253229
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



Connector sleeve housing

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



50290757



50290937



50390403



50390013



50290757099



50290937099



50290937098



50390142



50290936



50290081

IP-Code	Plug Type ID	Version	DU	Article no.		
IP X9K	Code A		10	50290757		
		Daimler	10	50290937		
		Ford	2000	50390403		
		PSA	2000	50390013		
	Code A Clip top		2000	50290757099		
		Daimler	250	50290937099		
	Code B		2000	50290937098		
		Daimler	1	50390142		
	Code C		2000	50290936		
		BMW	2000	50290081		
Accessories		Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236	
	Silver-plated	0,5 to 0,75	Page 29	50	50253237	
	Silver-plated	1,5 to 2,5	Page 29	50	50253238	
	Tin-plated	0,22 to 0,35	Page 27	50	50253228	
	Tin-plated	0,5 to 0,75	Page 27	50	50253229	
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: BladeTerminal



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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	50253252
	Silver-plated	0,5 to 0,75	Page 31	50	50253253
	Silver-plated	1,5 to 2,5	Page 31	50	50253254
	Tin-plated	0,22 to 0,35	Page 30	50	50253366
	Tin-plated	0,5 to 0,75	Page 30	50	50253245
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

Connector sleeve housing

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



50390221



50390221099



50290060



50290060099



50290071

Cross section mm ²	IP-Code	Version	Plug Type ID	DU	Article no.
4	IP X9K	Daimler	Code A Clip top	5	50390221
				100	50390221099
				10	50290060
			150	50290060099	
			Code B Clip top	10	50290071
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Silver-plated	4	Page 29	50	50253339
	Tin-plated	1,5 to 2,5	Page 27	50	50253230
	Tin-plated	4	Page 27	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: BladeTerminal



50390405



50390850



50390850099

Plug Type ID	IP-Code	Cross section mm ²	Version	DU	Article no.	
Code A Clip top	IP X9K	to 4	BMW	1300	50390405	
				5	50390850	
			1300	50390850099		
Accessories	Surface	Cross section mm ²	see	only for	DU	Article no.
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31		50	50253252
	Silver-plated	0,5 to 0,75	Page 31		50	50253253
	Silver-plated	1,5 to 2,5	Page 31		50	50253254
	Silver-plated	4	Page 31	50390850 50390850099	50	50253255
	Tin-plated	0,22 to 0,35	Page 30		50	50253366
	Tin-plated	0,5 to 0,75	Page 30		50	50253245
	Tin-plated	1,5 to 2,5	Page 30		50	50253246
	Tin-plated	4	Page 30	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

Connector sleeve housing

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



50390233



50290756

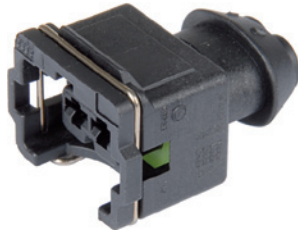


50290756099

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 mm ²	see	DU	Article no.
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
	Tin-plated	1,5 to 2,5	Page 27	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

Connector sleeve housing

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



50290676



50290676099



50290798



50290798099



50290963



50290004

Info	Version	Plug Type ID	DU	Article no.		
Handle at housing	BMW	Code I	10	50290676		
			500	50290676099		
		10	50290798			
		200	50290798099			
		Daimler	Code II	10	50290963	
			Code I	2000	50290004	
Accessories	Surface	Cross section mm ²	see	only for	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29		50	50253236
	Silver-plated	0,5 to 0,75	Page 29		50	50253237
	Silver-plated	1,5 to 2,5	Page 29		50	50253238
	Tin-plated	0,22 to 0,35	Page 27		50	50253228
	Tin-plated	0,5 to 0,75	Page 27		50	50253229
	Tin-plated	1,5 to 2,5	Page 27		50	50253230
Plug Connector			Katalog04	50290676099 50290676 50290798099 50290798 50290963	10	50281050
			Katalog04	50290676099 50290676 50290798099 50290798 50290963	10	50281051
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71		1	50282022
		1,5 to 2,5	Page 71	50290676099 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		1	50282030



3



Connector sleeve housing

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



50390247



50290921

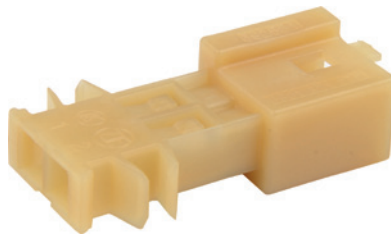


50290921099

Version	Plug Type ID			DU	Article no.
ZF	Code A			5000	50390247
	Code I			25	50290921
				1000	50290921099
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 28	50	50253232
	Silver-plated	0,5 to 0,75	Page 28	50	50253233
	Silver-plated	1,5 to 2,5	Page 28	50	50253234
	Tin-plated	0,22 to 0,35	Page 27	50	50253224
	Tin-plated	0,5 to 0,75	Page 27	50	50253225
	Tin-plated	1,5 to 2,5	Page 27	50	50253226

Plug housing

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



50390248



50290623099

Version	Plug Type ID			DU	Article no.
ZF	Code A			3000	50390248
	Code I			1000	50290623099
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 31	50	50253248
	Silver-plated	0,5 to 0,75	Page 31	50	50253249
	Silver-plated	1,5 to 2,5	Page 31	50	50253250
	Tin-plated	0,22 to 0,35	Page 30	50	50253240
	Tin-plated	0,5 to 0,75	Page 30	50	50253241
	Tin-plated	1,5 to 2,5	Page 30	50	50253242

Connector sleeve 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



50290932099



50290932098



50290765



50290971

IP-Code	Plug Type ID	Version	DU	Article no.		
IP X9K	Code A		1500	50390407		
		BMW	10	50290970		
		Daimler	10	50290932		
			250	50290932099		
	Code B		1500	50290765		
		BMW	10	50290971		
Accessories		Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236	
	Silver-plated	0,5 to 0,75	Page 29	50	50253237	
	Silver-plated	1,5 to 2,5	Page 29	50	50253238	
	Tin-plated	0,22 to 0,35	Page 27	50	50253228	
	Tin-plated	0,5 to 0,75	Page 27	50	50253229	
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)	Tin-plated	1,5 to 2,5	Page 27	50	50253230	
		0,22 to 1	Page 71	1	50282022	
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)		1,5 to 2,5	Page 71	1	50282023	
			Page 70	1	50282030	





Connector sleeve 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	NEW 850	50390800	
	Daimler	Code A	1	50390573	
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
	Tin-plated	1,5 to 2,5	Page 27	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

Connector sleeve housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 3 terminal
Plug Type: Blade Terminal Sleeve



50290764



50290763

IP-Code	Version	Plug Type ID	DU	Article no.	
IP X9K		Code B Clip r+l	1500	50290764	
	BMW	Code A Clip r+l	10	50290763	
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
	Tin-plated	1,5 to 2,5	Page 27	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

Connector sleeve 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
				500	50290797099
	Code II			10	50290799
				10	50290675
Code III					
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
Tin-plated	1,5 to 2,5	Page 27	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



3

Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
Tin-plated	1,5 to 2,5	Page 27	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



Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
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

Connector sleeve housing

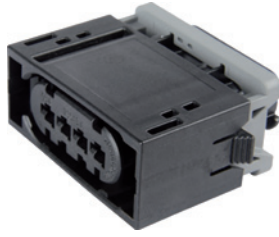
Manufacturer Restriction: KOSTAL FKS 2,8 ELA
Temperature range: to 130 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve



Version	Plug Type ID	IP-Code		DU	Article no.
Daimler	Code A	IP X9K		1000	50290769
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (AMP Tyco JPT)	Tin-plated	0,2 to 0,5	Page	50	50251898
	Tin-plated	0,5 to 1	Page	50	50251899
	Tin-plated	1,5 to 2,5	Page	50	50251900
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
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

Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
	Tin-plated	1,5 to 2,5	Page 27	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

Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
	Tin-plated	1,5 to 2,5	Page 27	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: BladeTerminal



50290727



50290685

Version	Plug Type ID			DU	Article no.
Daimler	Code A			2000	50290727
	Code B			2000	50290685
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 31	50	50253248
	Silver-plated	0,5 to 0,75	Page 31	50	50253249
	Silver-plated	1,5 to 2,5	Page 31	50	50253250
	Tin-plated	0,22 to 0,35	Page 30	50	50253240
	Tin-plated	0,5 to 0,75	Page 30	50	50253241
	Tin-plated	1,5 to 2,5	Page 30	50	50253242

3

Connector sleeve housing

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



Version	Plug Type ID			IP-Code	DU	Article no.
Daimler	Code A			IP X9K	1000	50390321
Accessories	Surface	Cross section mm ²	see	DU		
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236	
	Silver-plated	0,5 to 0,75	Page 29	50	50253237	
	Silver-plated	1,5 to 2,5	Page 29	50	50253238	
	Silver-plated	4	Page 29	50	50253339	
	Tin-plated	0,22 to 0,35	Page 27	50	50253228	
	Tin-plated	0,5 to 0,75	Page 27	50	50253229	
	Tin-plated	1,5 to 2,5	Page 27	50	50253230	
	Tin-plated	4	Page 27	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	

Connector sleeve 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		1000	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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 31	50	50253248
	Silver-plated	0,5 to 0,75	Page 31	50	50253249
	Silver-plated	1,5 to 2,5	Page 31	50	50253250
	Tin-plated	0,22 to 0,35	Page 27	50	50253224
	Tin-plated	0,5 to 0,75	Page 27	50	50253225
	Tin-plated	1,5 to 2,5	Page 27	50	50253226



Connector sleeve housing

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



Version	Plug Type ID			DU	Article no.
BMW	Code A			1000	50390460
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
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

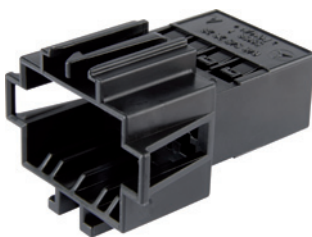
Manufacturer Restriction: KOSTAL SLK 2,8
Number of Poles: 8 terminal
Plug Type: BladeTerminal



50390556



50390008



Version	Plug Type ID			DU	Article no.
Daimler	Code A			1000	50390556
	Code B			1000	50390008
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 31	50	50253248
	Silver-plated	0,5 to 0,75	Page 31	50	50253249
	Silver-plated	1,5 to 2,5	Page 31	50	50253250
	Tin-plated	0,22 to 0,35	Page 30	50	50253240
	Tin-plated	0,5 to 0,75	Page 30	50	50253241
	Tin-plated	1,5 to 2,5	Page 30	50	50253242

Connector sleeve housing

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



Version	Plug Type ID			DU	Article no.
Daimler	Code A			2500	50290699
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 28	50	50253232
	Silver-plated	0,5 to 0,75	Page 28	50	50253233
	Silver-plated	1,5 to 2,5	Page 28	50	50253234
	Tin-plated	0,22 to 0,35	Page 27	50	50253224
	Tin-plated	0,5 to 0,75	Page 27	50	50253225
	Tin-plated	1,5 to 2,5	Page 27	50	50253226



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Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
	Tin-plated	1,5 to 2,5	Page 27	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



Connector sleeve housing

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



Version	Plug Type ID			DU	Article no.
Daimler	Code A			2500	50390170
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 28	50	50253232
	Silver-plated	0,5 to 0,75	Page 28	50	50253233
	Silver-plated	1,5 to 2,5	Page 28	50	50253234
	Tin-plated	0,22 to 0,35	Page 27	50	50253224
	Tin-plated	0,5 to 0,75	Page 27	50	50253225
	Tin-plated	1,5 to 2,5	Page 27	50	50253226

Connector sleeve housing

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




Version	Plug Type ID			DU	Article no.
Daimler	Code A			1500	50390541
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 28	50	50253232
	Silver-plated	0,5 to 0,75	Page 28	50	50253233
	Silver-plated	1,5 to 2,5	Page 28	50	50253234
	Tin-plated	0,22 to 0,35	Page 27	50	50253224
	Tin-plated	0,5 to 0,75	Page 27	50	50253225
	Tin-plated	1,5 to 2,5	Page 27	50	50253226

Plug housing

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



Version				DU	Article no.
Daimler				 1080	50390485
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 31	50	50253248
	Silver-plated	0,5 to 0,75	Page 31	50	50253249
	Silver-plated	1,5 to 2,5	Page 31	50	50253250
	Tin-plated	0,22 to 0,35	Page 30	50	50253240
	Tin-plated	0,5 to 0,75	Page 30	50	50253241
	Tin-plated	1,5 to 2,5	Page 30	50	50253242

KOSTAL SLK 5,8 ELA

Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL SLK 5,8 ELA-U)	Silver-plated	1,5 to 2,5	Page 35	50	50253448
	Silver-plated	4 to 6	Page 35	50	50253450
	Tin-plated	1,5 to 2,5	Page 34	50	50253449
	Tin-plated	4 to 6	Page 34	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 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 mm ²	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



Connector sleeve housing

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



Info	Plug Type ID	IP-Code	DU	Article no.
ohne Arretierung	Code A	IP X9K	1000	50390777
Accessories	Surface	Cross section mm ²	see	DU
Crimp Connector (KOSTAL SLK 5,8 ELA-U)	Silver-plated	1,5 to 2,5	Page 35	50
	Silver-plated	4 to 6	Page 35	50
	Tin-plated	1,5 to 2,5	Page 34	50
	Tin-plated	4 to 6	Page 34	50
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)		1,5 to 2,5	Page 71	10000
		4 to 6	Page 71	1
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)			Page 70	50



3

Plug housing

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



Info	Plug Type ID	IP-Code	DU	Article no.
ohne Arretierung	Code A	IP X9K	1000	50390778
Accessories		Cross section mm ²	see	DU
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)		1,5 to 2,5	Page 71	10000
		4 to 6	Page 71	1
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)			Page 70	50

Plug housing

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



Version	Plug Type ID			DU	Article no.
BMW	Code A			1000	50390408
Accessories	Surface	Cross section mm ²	see	DU	
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 8,5)	Tin-plated	1,5 to 2,5	Page 71	10000	50282063
	Tin-plated	4 to 6	Page 71	1	50282064
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)	Tin-plated	4 to 6	Page 70	50	50282019

Connector sleeve housing

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




Version	Plug Type ID			DU	Article no.
BMW	Code A			2000	50390310
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 5,8)	Tin-plated	1,5 to 2,5	Page 33	50	50253453
	Tin-plated	4 to 6	Page 33	50	50253455

Connector sleeve housing

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



Version	Plug Type ID			DU	Article no.
BMW	Code A			 1	50390616
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL SLK 5,8)	Tin-plated	1,5 to 2,5	Page 33	50	50253453
	Tin-plated	4 to 6	Page 33	50	50253455





Plug Housing

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



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



3

» HIGH-DENSITY CONNECTOR SYSTEMS

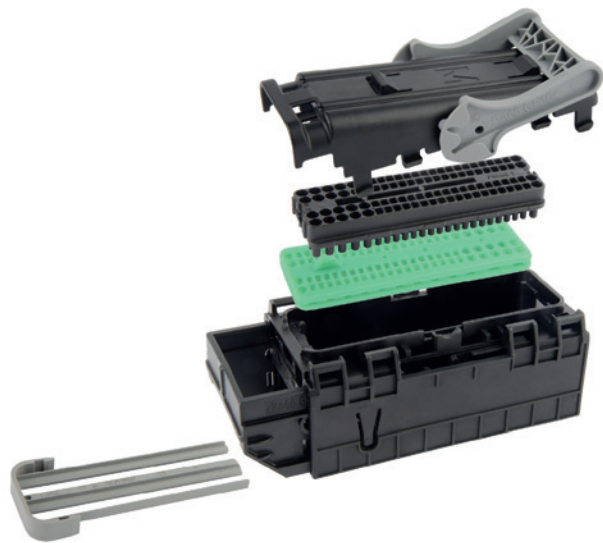


KOSTAL offers solutions for control unit contacting and high-density applications. Alongside their easy handling, these are characterized by their reliable contacting under the most difficult environmental conditions. These housings are available in different variants. They can be used individually as 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



Connector sleeve 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

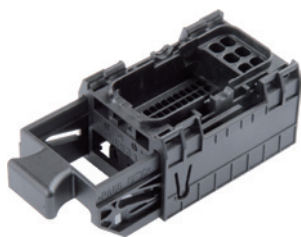


Version	Plug Type ID	DU	Article no.
BMW	Code A	136	50390466



Connector sleeve housing

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



50390409

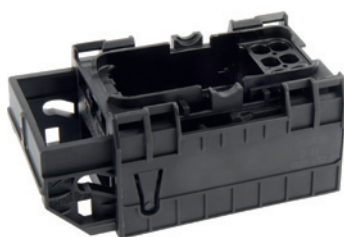


50390940

Plug Type ID	IP-Code	Version	DU	Article no.	
Code 0	IP X9K		10	50390409	
		Daimler	10	50390940	
Accessories	Surface	Cross section mm ²	see	DU	
Cover Cap, plug housing (KOSTAL MLK 1,2 KOSTAL SLK 2,8 ELA)			Page 118	25	50390410
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	50253388
	Silver-plated	0,35	Page 19	50	50253440
	Silver-plated	0,5 to 0,75	Page 19	50	50253442
	Silver-plated	0,75 to 1	Page 19	50	50253444
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
	Tin-plated	1,5 to 2,5	Page 27	50	50253230
Holder, contact carrier			Page 119	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 119	50	50390401

Connector sleeve housing

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



Plug Type ID	IP-Code	DU	Article no.		
Code 0	IP X9K	10	50390396		
Accessories	Surface	Cross section mm ²	see	DU	
Cover Cap, plug housing (KOSTAL SLK 2,8 ELA)			Page 118	25	50390402
			Page 118	224	50390917
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	50253388
	Silver-plated	0,35	Page 19	50	50253440
	Silver-plated	0,5 to 0,75	Page 19	50	50253442
	Silver-plated	0,75 to 1	Page 19	50	50253444
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
Holder, contact carrier			Page 119	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 119	50	50390401

Connector sleeve 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 mm ²	see	DU	
Cover Cap, plug housing (KOSTAL SLK 2,8 ELA)			Page 118	25	50390402
			Page 118	224	50390917
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	50253388
	Silver-plated	0,35	Page 19	50	50253440
	Silver-plated	0,5 to 0,75	Page 19	50	50253442
	Silver-plated	0,75 to 1	Page 19	50	50253444
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
Holder, contact carrier			Page 119	50	50390400
			Page 71	50	50282098
Sealing-/Protection Plugs (KOSTAL MLK 1,2)			Page 71	1	50282022
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	50282023
		1,5 to 2,5	Page 71	1	50282023
Secondary Lock, plug housing (KOSTAL)			Page 119	50	50390401



3

Connector sleeve housing

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



Version	Plug Type ID		IP-Code	DU	Article no.
Fiat Chrysler	Code B		IP X9K	272	50390448
Accessories	Surface	Cross section mm ²	see	DU	
Cover Cap, plug housing (KOSTAL SLK 2,8 ELA)			Page 118	25	50390402
			Page 118	224	50390917
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	50253388
	Silver-plated	0,35	Page 19	50	50253440
	Silver-plated	0,5 to 0,75	Page 19	50	50253442
	Silver-plated	0,75 to 1	Page 19	50	50253444
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
Sealing-/Protection Plugs (KOSTAL MLK 1,2)			Page 71	50	50282098
			Page 71	1	50282022
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1	50282023
		1,5 to 2,5	Page 71	1	50282023
Secondary Lock, plug housing (KOSTAL)			Page 119	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
Connector sleeve housing (KOSTAL MLK 1,2 KOSTAL SLK 2,8 ELA)	Page 117	340
	Page 116	10

Connector sleeve housing

Manufacturer Restriction: KOSTAL MLK 1,2
Number of Poles: 96 terminal
Plug Type: BladeTerminal 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 mm ²	see	DU
Cover Cap, plug housing (KOSTAL)			Page 119	20
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50
	Silver-plated	0,35	Page 19	50
	Silver-plated	0,5 to 0,75	Page 19	50
	Silver-plated	0,75 to 1	Page 19	50
Holder, contact carrier			Page 119	50
Sealing-/Protection Plugs (KOSTAL MLK 1,2)			Page 71	50
Secondary Lock, plug housing			Page 120	50

Cover Cap, plug housing

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



50390402



50390917



50390410

Info	DU	Article no.
with lever	25	50390402
	224	50390917
without lever	25	50390410

Cover Cap, plug housing

Manufacturer Restriction:
Number of Poles:

KOSTAL
96 terminal



50390399



50390412



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

Holder, contact carrier



Number of Poles: 52 terminal

	Colour	DU	Article no.
	●	50	50390400



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Holder, contact carrier



Number of Poles: 96 terminal

	Colour	DU	Article no.
	●	50	50390397

Secondary Lock, plug housing



Manufacturer Restriction: KOSTAL

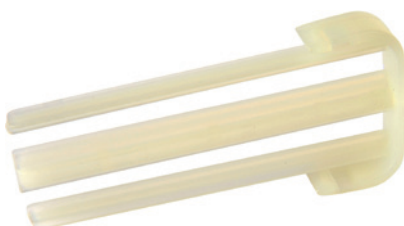
	Colour	DU	Article no.
	●	50	50390401

for article number

50390409



Seal

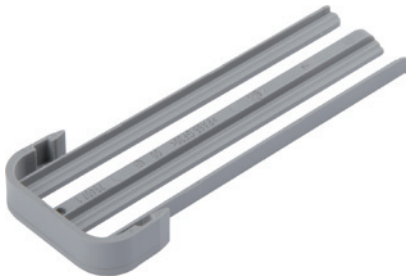


Manufacturer Restriction: KOSTAL THP Number of Poles: 80 terminal

	DU	Article no.
	3000	50390527



Secondary Lock, plug housing



Number of Poles: 96 terminal

	Colour	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



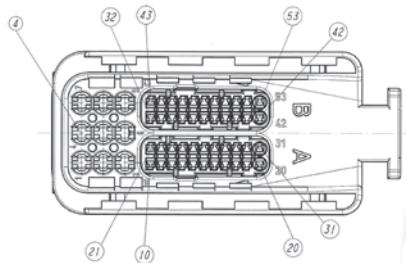
Manufacturer Restriction: KOSTAL MLK 1,2 **Number of Poles:** 96 terminal

	Colour	DU	Article no.
		50	50282099

3

Plug Housing Set

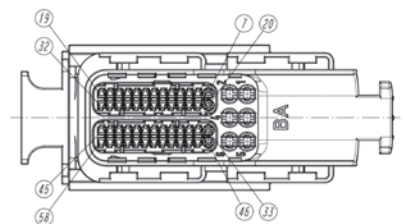
Manufacturer KOSTAL MLK 1,2
Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 53 terminal
Follow installation Follow installation instructions
Plug Type: Blade Terminal Sleeve



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		
Connector sleeve housing (KOSTAL MLK 1,2 KOSTAL SLK 2,8 ELA)			53	1	50390151	
Cover Cap, plug housing			53	1	50390045	
Holder, contact carrier			22	1	50390148	
Insulator			22	1	50390149	
			22	1	50390146	
Secondary Lock, plug housing			22	1	50390147	
			44	1	50390150	
Accessories		Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2m)		Silver-plated	0,17 to 0,25	Page 19	50	50253388
		Silver-plated	0,35	Page 19	50	50253440
		Silver-plated	0,5 to 0,75	Page 19	50	50253442
		Silver-plated	0,75 to 1	Page 19	50	50253444
Crimp Connector (KOSTAL SLK 2,8 ELA)		Silver-plated	0,22 to 0,35	Page 29	50	50253236
		Silver-plated	0,5 to 0,75	Page 29	50	50253237
		Silver-plated	1,5 to 2,5	Page 29	50	50253238
		Silver-plated	4	Page 29	50	50253339
		Tin-plated	0,22 to 0,35	Page 27	50	50253228
		Tin-plated	0,5 to 0,75	Page 27	50	50253229
		Tin-plated	1,5 to 2,5	Page 27	50	50253230
		Tin-plated	4	Page 27	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 Follow installation instructions
Plug Type: Blade Terminal Sleeve



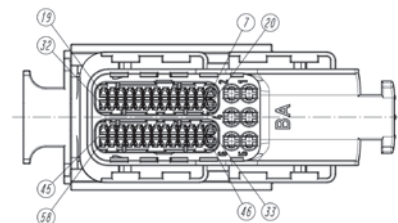
Info	Version	Plug Type ID	IP-Code	DU	Article no.	
without gasket / seal	Daimler	Code 0	IP X9K	1	50390301	
Content			Number of Poles terminal	QU		
Connector sleeve housing (KOSTAL MLK 1,2 KOSTAL SLK 2,8)			58	1	50390073	
Cover Cap, plug housing			53	1	50390045	
Insulator			26	1	50390051	
			26	1	50390052	
Secondary Lock, plug housing			52	1	50390054	
Accessories		Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2m)		Silver-plated	0,17 to 0,25	Page 19	50	50253388
		Silver-plated	0,35	Page 19	50	50253440
		Silver-plated	0,5 to 0,75	Page 19	50	50253442
		Silver-plated	0,75 to 1	Page 19	50	50253444
Crimp Connector (KOSTAL SLK 2,8 ELA)		Silver-plated	0,22 to 0,35	Page 29	50	50253236
		Silver-plated	0,5 to 0,75	Page 29	50	50253237
		Silver-plated	1,5 to 2,5	Page 29	50	50253238
		Silver-plated	4	Page 29	50	50253339
		Tin-plated	0,22 to 0,35	Page 27	50	50253228
		Tin-plated	0,5 to 0,75	Page 27	50	50253229
		Tin-plated	1,5 to 2,5	Page 27	50	50253230
		Tin-plated	4	Page 27	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

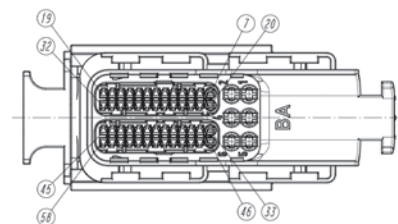
Manufacturer: KOSTAL MLK 1,2
Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 58 terminal
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



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	
Connector sleeve housing (KOSTAL MLK 1,2 KOSTAL SLK 2,8)			58	1	50390073
Cover Cap, plug housing			53	1	50390045
Holder, contact carrier			26	1	50390067
			26	1	50390072
Insulator			26	1	50390068
			26	1	50390071
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
		Silver-plated	0,35	Page 19	50
		Silver-plated	0,5 to 0,75	Page 19	50
		Silver-plated	0,75 to 1	Page 19	50
Crimp Connector (KOSTAL SLK 2,8 ELA)		Silver-plated	0,22 to 0,35	Page 29	50
		Silver-plated	0,5 to 0,75	Page 29	50
		Silver-plated	1,5 to 2,5	Page 29	50
		Silver-plated	4	Page 29	50
		Tin-plated	0,22 to 0,35	Page 27	50
		Tin-plated	0,5 to 0,75	Page 27	50
		Tin-plated	1,5 to 2,5	Page 27	50
		Tin-plated	4	Page 27	50
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)			0,22 to 1	Page 71	1
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)				Page 70	1

Plug Housing Set

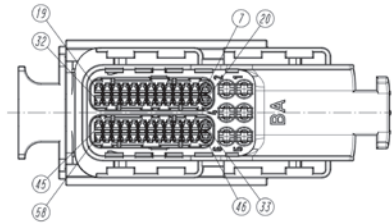
Manufacturer: KOSTAL MLK 1,2
Restriction: KOSTAL SLK 2,8
Number of Poles: 58 terminal
Shape: angled
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



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	
Connector sleeve housing (KOSTAL MLK 1,2 KOSTAL SLK 2,8)			58	1	50390049
Cover Cap, plug housing				1	50390053
Insulator			26	1	50390051
			26	1	50390052
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
		Silver-plated	0,35	Page 19	50
		Silver-plated	0,5 to 0,75	Page 19	50
		Silver-plated	0,75 to 1	Page 19	50
Crimp Connector (KOSTAL SLK 2,8 ELA)		Silver-plated	0,22 to 0,35	Page 29	50
		Silver-plated	0,5 to 0,75	Page 29	50
		Silver-plated	1,5 to 2,5	Page 29	50
		Silver-plated	4	Page 29	50
		Tin-plated	0,22 to 0,35	Page 27	50
		Tin-plated	0,5 to 0,75	Page 27	50
		Tin-plated	1,5 to 2,5	Page 27	50
		Tin-plated	4	Page 27	50
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)			0,22 to 1	Page 71	1
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)				Page 70	1

Plug Housing Set

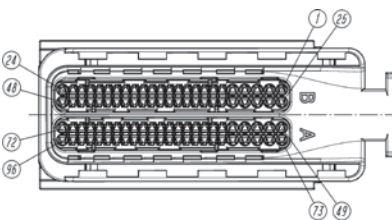
Manufacturer KOSTAL MLK 1,2
Restriction: KOSTAL SLK 2,8 ELA
Number of Poles: 58 terminal
Shape: angled
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



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	
Connector sleeve housing (KOSTAL MLK 1,2 KOSTAL SLK 2,8)			58	1	50390049
Cover Cap, plug housing				1	50390053
Holder, contact carrier			26	1	50390067
			26	1	50390072
Insulator			26	1	50390068
			26	1	50390071
Secondary Lock, plug housing			52	1	50390054
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2m)	Silver-plated	0,17 to 0,25	Page 19	50	50253388
	Silver-plated	0,35	Page 19	50	50253440
	Silver-plated	0,5 to 0,75	Page 19	50	50253442
	Silver-plated	0,75 to 1	Page 19	50	50253444
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Silver-plated	4	Page 29	50	50253339
	Tin-plated	0,22 to 0,35	Page 27	50	50253228
	Tin-plated	0,5 to 0,75	Page 27	50	50253229
	Tin-plated	1,5 to 2,5	Page 27	50	50253230
	Tin-plated	4	Page 27	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: 96 terminal
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



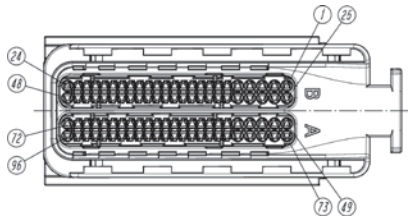
Info	Version	Plug Type ID	IP-Code	DU	Article no.	
without gasket / seal	Daimler	Code 0	IP X9K	1	50390305	
Content			Number of Poles terminal	QU		
Connector sleeve housing (KOSTAL MLK 1,2)			96	1	50390050	
Cover Cap, plug housing				1	50390057	
Insulator			48	1	50390055	
			48	1	50390056	
Secondary Lock, plug housing			96	1	50390058	
Accessories	Surface	Cross section mm ²	see	DU		
Crimp Connector (KOSTAL MLK 1,2 Sm)	Silver-plated	0,12 to 0,14	Page 21	50	50253967	
	Silver-plated	0,17 to 0,25	Page 21	50	50253475	
	Silver-plated	0,35	Page 21	50	50253477	
	Silver-plated	0,5 to 0,75	Page 21	50	50253478	
	Silver-plated	0,75 to 1	Page 21	50	50253479	
	Silver-plated	1 to 1,5	Page 21	50	50253481	
	Tin-plated	0,12 to 0,14	Page 20	50	50253966	
	Tin-plated	0,17 to 0,25	Page 20	50	50253476	
	Tin-plated	0,35	Page 20	50	50253462	
	Tin-plated	0,5 to 0,75	Page 20	50	50253483	
	Tin-plated	0,75 to 1	Page 20	50	50253480	
	Tin-plated	1 to 1,5	Page 20	50	50253482	
	Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
		Silver-plated	0,35	Page 22	50	50253463
Silver-plated		0,5 to 0,75	Page 22	50	50253464	
Silver-plated		0,75 to 1	Page 22	50	50253465	
Silver-plated		1 to 1,5	Page 22	50	50253473	
Tin-plated		0,35	Page 21	50	50253470	
Tin-plated		0,5 to 0,75	Page 21	50	50253471	
Tin-plated		0,75 to 1	Page 21	50	50253472	
Tin-plated	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

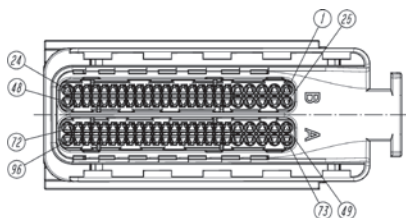
Manufacturer KOSTAL MLK 1,2
Restriction:
Number of Poles: 96 terminal
Follow installation instructions: Follow installation instructions
Plug Type: Blade Terminal Sleeve



Info	Version	Plug Type ID	IP-Code	DU	Article no.			
with seal	Daimler	Code 0	IP X9K	1	50390306			
Content			Number of Poles terminal	QU				
Connector sleeve housing (KOSTAL MLK 1,2)			96	1	50390050			
Cover Cap, plug housing				1	50390057			
Holder, contact carrier			48	1	50390091			
			48	1	50390092			
Insulator			48	1	50390069			
			48	1	50390085			
Secondary Lock, plug housing			96	1	50390058			
Accessories		Surface	Cross section mm ²	see	DU			
Crimp Connector (KOSTAL MLK 1,2 Sm)		Silver-plated	0,12 to 0,14	Page 21	50	50253967		
		Silver-plated	0,17 to 0,25	Page 21	50	50253475		
		Silver-plated	0,35	Page 21	50	50253477		
		Silver-plated	0,5 to 0,75	Page 21	50	50253478		
		Silver-plated	0,75 to 1	Page 21	50	50253479		
		Silver-plated	1 to 1,5	Page 21	50	50253481		
		Tin-plated	0,12 to 0,14	Page 20	50	50253966		
		Tin-plated	0,17 to 0,25	Page 20	50	50253476		
		Tin-plated	0,35	Page 20	50	50253462		
		Tin-plated	0,5 to 0,75	Page 20	50	50253483		
		Tin-plated	0,75 to 1	Page 20	50	50253480		
		Tin-plated	1 to 1,5	Page 20	50	50253482		
		Crimp Connector (KOSTAL MLK 1,2Sm ELA)		Silver-plated	0,17 to 0,25	Page 22	50	50253484
				Silver-plated	0,35	Page 22	50	50253463
Silver-plated	0,5 to 0,75			Page 22	50	50253464		
Silver-plated	0,75 to 1			Page 22	50	50253465		
Silver-plated	1 to 1,5			Page 22	50	50253473		
Tin-plated	0,17 to 0,25			Page 21	50	50253469		
Tin-plated	0,35			Page 21	50	50253470		
Tin-plated	0,5 to 0,75			Page 21	50	50253471		
Tin-plated	0,75 to 1			Page 21	50	50253472		
Tin-plated	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		
Connector sleeve housing (KOSTAL MLK 1,2)			96	1	50390255	
Cover Cap, plug housing				1	50390256	
Insulator			48	1	50390055	
			48	1	50390056	
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 21	50	50253967	
	Silver-plated	0,17 to 0,25	Page 21	50	50253475	
	Silver-plated	0,35	Page 21	50	50253477	
	Silver-plated	0,5 to 0,75	Page 21	50	50253478	
	Silver-plated	0,75 to 1	Page 21	50	50253479	
	Silver-plated	1 to 1,5	Page 21	50	50253481	
	Tin-plated	0,12 to 0,14	Page 20	50	50253966	
	Tin-plated	0,17 to 0,25	Page 20	50	50253476	
	Tin-plated	0,35	Page 20	50	50253462	
	Tin-plated	0,5 to 0,75	Page 20	50	50253483	
	Tin-plated	0,75 to 1	Page 20	50	50253480	
	Tin-plated	1 to 1,5	Page 20	50	50253482	
	Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
		Silver-plated	0,35	Page 22	50	50253463
Silver-plated		0,5 to 0,75	Page 22	50	50253464	
Silver-plated		0,75 to 1	Page 22	50	50253465	
Silver-plated		1 to 1,5	Page 22	50	50253473	
Tin-plated		0,17 to 0,25	Page 21	50	50253469	
Tin-plated		0,35	Page 21	50	50253470	
Tin-plated		0,5 to 0,75	Page 21	50	50253471	
Tin-plated		0,75 to 1	Page 21	50	50253472	
Tin-plated		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	



3



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



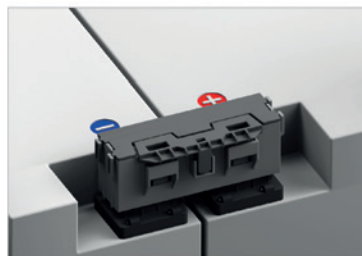
High-voltage connector system
KHV 600, 1-pin



High-voltage connector system
KHV 600, 2-pin



High-voltage connector system
KHV 600, 3-pin



Module connector

Connector sleeve 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 mm ²	see	DU	
Cover Cap, plug housing (KOSTAL PLK 14,5)		16	Page 132	50	50390513
		25	Page 132	50	50390514
		35	Page 132	50	50390518
		50	Page 132	50	50390926
Crimp Connector (KOSTAL PLK 14,5)	Silver-plated	12 to 16	Page 42	10	50253505
	Silver-plated	16 to 25	Page 42	10	50253506
	Silver-plated	25 to 35	Page 42	10	50253507
	Silver-plated	35 to 50	Page 42	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 131	2	50253703
		35 to 50	Page 131	2	50253704

Connector sleeve 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 mm ²	see	only for	DU	
Cover Cap, plug housing (KOSTAL PLK 14,5)		16	Page 132		50	50390513
		25	Page 132		50	50390514
		35	Page 132		50	50390518
		50	Page 132		50	50390926
Crimp Connector (KOSTAL PLK 14,5)	Silver-plated	12 to 16	Page 42		10	50253505
	Silver-plated	16 to 25	Page 42		10	50253506
	Silver-plated	25 to 35	Page 42		10	50253507
	Silver-plated	35 to 50	Page 42		10	50253996
Seal (KOSTAL PLK 14,5)			Page 131	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 131		2	50253703
		35 to 50	Page 131		2	50253704

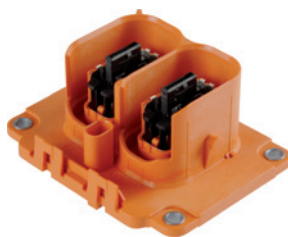


3



Plug housing

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



50390519



50390554



50390923

Version	Plug Type ID	DU	Article no.			
	Code A	1	50390519			
	Code B	240	50390554			
BMW	Code A	24	50390923			
Accessories	Surface	Cross section mm ²	see	only for	DU	
Crimp Connector (KOSTAL MLK 1,2)	Silver-plated	0,5 to 0,75	Page 24	50390519	50	50253496
Retaining Plate (KOSTAL PLK 14,5)			Page 132	50390519	1	50253805

Connector sleeve housing

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



50390511



50390512

Plug Type ID	DU	Article no.			
Code A	1	50390511			
Code B	1	50390512			
Accessories	Surface	Cross section mm ²	see	DU	
Cover Cap, plug housing (KOSTAL PLK 14,5)		16	Page 132	50	50390513
		25	Page 132	50	50390514
		35	Page 132	50	50390518
		50	Page 132	50	50390926
Crimp Connector (KOSTAL PLK 14,5)	Silver-plated	12 to 16	Page 42	10	50253505
	Silver-plated	16 to 25	Page 42	10	50253506
	Silver-plated	25 to 35	Page 42	10	50253507
	Silver-plated	35 to 50	Page 42	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 131	2	50253703
		35 to 50	Page 131	2	50253704

Plug housing

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



50390767



50390768



Plug Type ID				DU	Article no.
Code A				20	50390767
Code B				20	50390768
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2)	Silver-plated	0,5 to 0,75	Page 24	50	50253496

Connector sleeve housing

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



3

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

Connector sleeve housing

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



Plug Type ID		DU	Article no.
Code Z		750	50390742



Connector sleeve housing

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



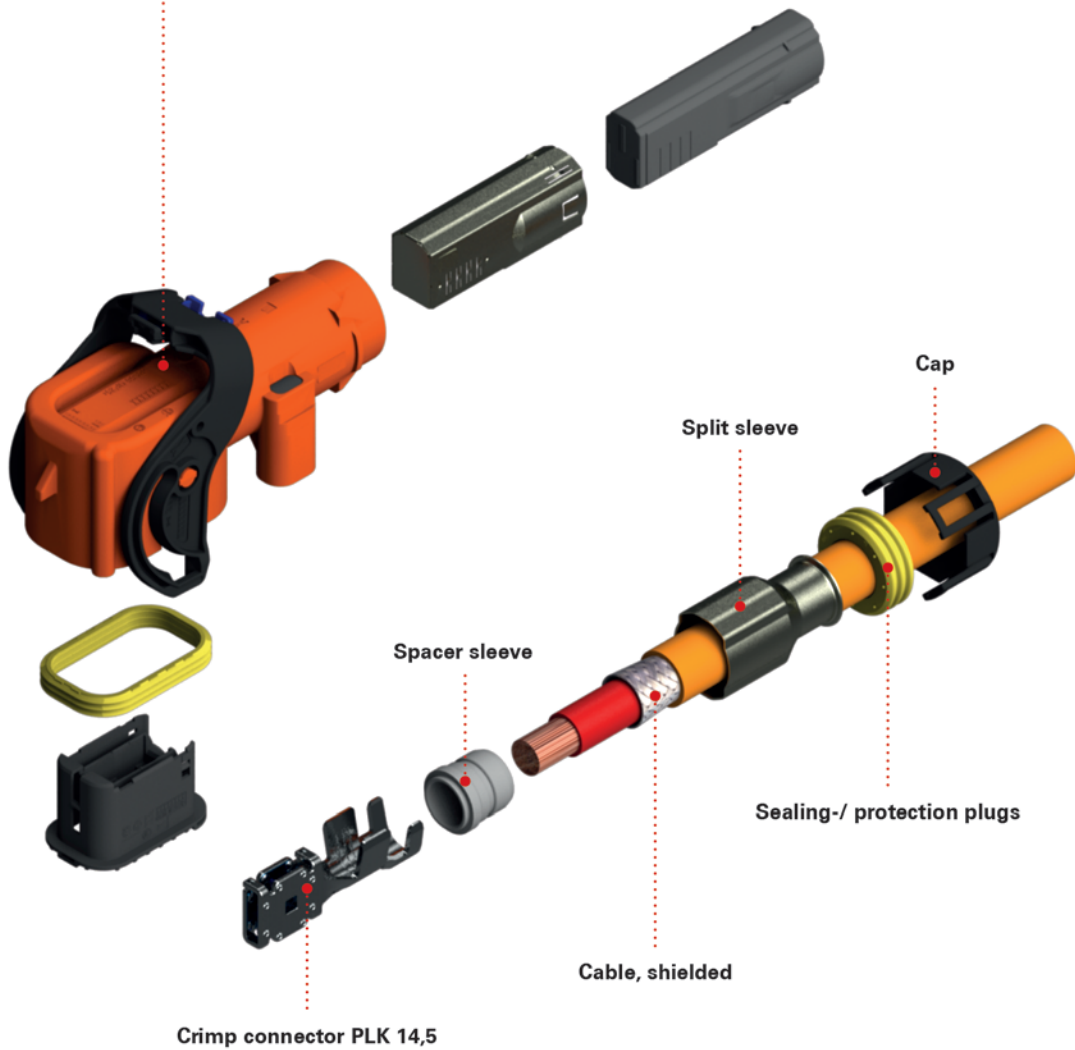
Plug Type ID	DU	Article no.
Code Z	1000	50390743

» SCHEMATIC DIAGRAM



Shielded cable set for 1- to 4-pin receptacle

Connector sleeve housing KHV 600, 1-pin



3

Spacer Sleeve

Manufacturer Restriction: KOSTAL PLK 14,5
Material: Duroplast



Cross section mm ²	DU	Article no.
25	1500	50253706

Split Sleeve

Manufacturer Restriction: KOSTAL PLK 14,5
Info: Covered



50253703



50253704



Cross section mm ²	DU	Article no.
15 to 35	2	50253703
35 to 50	2	50253704

ELA

Sealing-/Protection Plugs

Manufacturer Restriction: KOSTAL PLK 14,5



50282069



50282070



50282072



50282077

Cross section mm ²	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



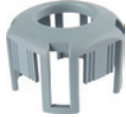
50390513



50390514



50390518



50390926



Cross section mm ²	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

3

KOSTAL LSK 8

Connector sleeve housing

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



Version	Plug Type ID			DU	Article no.
Daimler	Code A			2000	50290896
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL LSK 8)	Silver-plated	2,5 to 4	Page 38	50	50253264
	Silver-plated	4 to 6	Page 38	50	50253259
	Silver-plated	6 to 10	Page 38	50	50253260

Plug housing

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



Version	Plug Type ID			DU	Article no.
Daimler	Code A			1300	50290497
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL LSK 8)	Silver-plated	4 to 6	Page 39	50	50253265
	Silver-plated	6 to 10	Page 39	50	50253266

Connector sleeve housing

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



Version	Plug Type ID			DU	Article no.
Daimler	Code A			1	50390320
Accessories	Cross section mm ²	see	DU		
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)	2,5	Page 71	1	50282033	



3



Connector sleeve housing

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



Info	Plug Type ID			DU	Article no.
ohne Arretierung	Code A			600	50390571
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	2,5 to 4	Page 39	50	50253495
	Silver-plated	4 to 6	Page 39	50	50253261
	Silver-plated	8 to 12	Page 39	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

Plug housing

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



Info	Plug Type ID		IP-Code	DU	Article no.
ohne Arretierung	Code A		IP X9K	450	50390779
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	4 to 6	Page 40	50	50253267
	Silver-plated	8 to 12	Page 40	50	50253341
Sealing-/Protection Plugs ELA (KOSTAL ELA 11,8)		4 to 6	Page 71	50	50282026
		6 to 12	Page 71	50	50282027

Insulator

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



50390678



50390565



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

Connector sleeve housing

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



Version	Plug Type ID			DU	Article no.
Daimler	Code Z			2000	50390201
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL LSK 8)	Silver-plated	2,5 to 4	Page 38	50	50253264
	Silver-plated	4 to 6	Page 38	50	50253259
	Silver-plated	6 to 10	Page 38	50	50253260

Plug housing

Manufacturer Restriction: KOSTAL LSK 8 ELA
Temperature range: to 130 °C
Number of Poles: 2 terminal
Plug Type: BladeTerminal



Version	Plug Type ID			DU	Article no.
Daimler	Code A			450	50290813
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	4 to 6	Page 40	50	50253267
	Silver-plated	8 to 12	Page 40	50	50253341
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

Plug Housing

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



	Colour	DU	Article no.
	●	1000	50390749



3

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.



3



 Page 140	 Page 141	 Page 141	 Page 142	 Page 142	 Page 143	 Page 143
 Page 144	 Page 144	 Page 145	 Page 145	 Page 145	 Page 146	 Page 146
 Page 147	 Page 147	 Page 147	 Page 148	 Page 148	 Page 148	 Page 149



Page 149



Page 149



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



3



Connector housing

Manufacturer: KOSTAL LKS 1,5 ELA
Restriction:
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 mm ²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA)		Silver-plated	0,25 to 0,5	Page 50	50	50253281
		Silver-plated	0,5 to 1	Page 50	50	50253282
		Silver-plated	1 to 2,5	Page 50	50	50253283
		Tin-plated	0,25 to 0,5	Page 47	50	50253273
		Tin-plated	0,5 to 1	Page 47	50	50253274
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

Pin case

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		
	Daimler	Code C	10	50290735		
		Code D	10	50390341		
Accessories		Surface	Cross section mm ²	see	DU	
Contact Pin (KOSTAL LKS 1,5 ELA)		Silver-plated	0,25 to 0,5	Page 53	50	50253297
		Silver-plated	0,75 to 1	Page 53	50	50253298
		Silver-plated	1 to 2,5	Page 53	50	50253299
		Tin-plated	0,25 to 0,5	Page 52	50	50253289
		Tin-plated	0,75 to 1	Page 52	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

Connector housing

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
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 mm ²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)		Silver-plated	0,25 to 0,5	Page 51	50	50253279
		Silver-plated	0,5 to 1	Page 51	50	50253280
		Tin-plated	0,25 to 0,5	Page 48	50	50253271
		Tin-plated	0,5 to 1	Page 48	50	50253272
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)			0,22 to 1	Page 71	1	50282028



Connector 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 mm ²	see	DU
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50
	Silver-plated	0,5 to 1	Page 51	50
	Tin-plated	0,25 to 0,5	Page 48	50
	Tin-plated	0,5 to 1	Page 48	50
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1

Pin case

Manufacturer Restriction: KOSTAL LKS 1,5 ELA
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 mm ²	see	DU
Contact Pin (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 53	50
	Silver-plated	0,75 to 1	Page 53	50
	Silver-plated	1 to 2,5	Page 53	50
	Tin-plated	0,25 to 0,5	Page 52	50
	Tin-plated	0,75 to 1	Page 52	50
	Tin-plated	1 to 2,5	Page 52	50
Sealing-/Protection Plugs ELA (KOSTAL ELA 5,2)		0,22 to 1	Page 71	1
		1,5 to 2,5	Page 71	1

Connector housing

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
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 mm ²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 50	50	50253281
	Silver-plated	0,5 to 1	Page 50	50	50253282
	Silver-plated	1 to 2,5	Page 50	50	50253283
	Tin-plated	0,25 to 0,5	Page 47	50	50253273
	Tin-plated	0,5 to 1	Page 47	50	50253274
	Tin-plated	1 to 2,5	Page 47	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



Connector housing

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
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 mm ²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 50	50	50253281
	Silver-plated	0,5 to 1	Page 50	50	50253282
	Silver-plated	1 to 2,5	Page 50	50	50253283
	Tin-plated	0,25 to 0,5	Page 47	50	50253273
	Tin-plated	0,5 to 1	Page 47	50	50253274
	Tin-plated	1 to 2,5	Page 47	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



Pin case

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 mm ²	see	DU	
Contact Pin (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 53	50	50253297
	Silver-plated	0,75 to 1	Page 53	50	50253298
	Silver-plated	1 to 2,5	Page 53	50	50253299
	Tin-plated	0,25 to 0,5	Page 52	50	50253289
	Tin-plated	0,75 to 1	Page 52	50	50253290
	Tin-plated	1 to 2,5	Page 52	50	50253291
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

Connector housing

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



Version				DU	Article no.
Daimler				240	50290907
Accessories	Surface	Cross section mm ²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA)	Silver-plated	0,25 to 0,5	Page 50	50	50253281
	Silver-plated	0,5 to 1	Page 50	50	50253282
	Silver-plated	1 to 2,5	Page 50	50	50253283
	Tin-plated	0,25 to 0,5	Page 47	50	50253273
	Tin-plated	0,5 to 1	Page 47	50	50253274
	Tin-plated	1 to 2,5	Page 47	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

Connector housing

Manufacturer KOSTAL LKS 1,5 ELA-U
Restriction:
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		1	50290686	
		BMW	100	50290746099	
Accessories	Surface	Cross section mm ²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50	50253279
	Silver-plated	0,5 to 1	Page 51	50	50253280
	Tin-plated	0,25 to 0,5	Page 48	50	50253271
	Tin-plated	0,5 to 1	Page 48	50	50253272
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	50282028

Pin case

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		NEW 1	50390774	
		BMW+ZF	5	50290669	
Accessories	Surface	Cross section mm ²	see	DU	
Contact Pin (KOSTAL RK 1,5)	Silver-plated	0,5 to 1	Page 55	50	50253938

Connector housing

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
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 mm ²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50	50253279
	Silver-plated	0,5 to 1	Page 51	50	50253280
	Tin-plated	0,25 to 0,5	Page 48	50	50253271
	Tin-plated	0,5 to 1	Page 48	50	50253272
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	50282028





Connector housing

Manufacturer KOSTAL LKS 1,5 ELA-U
Restriction:
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 mm ²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50	50253279
	Silver-plated	0,5 to 1	Page 51	50	50253280
	Tin-plated	0,25 to 0,5	Page 48	50	50253271
	Tin-plated	0,5 to 1	Page 48	50	50253272
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	50282028

3

Connector housing

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
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 mm ²	see	DU	
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50	50253279
	Silver-plated	0,5 to 1	Page 51	50	50253280
	Tin-plated	0,25 to 0,5	Page 48	50	50253271
	Tin-plated	0,5 to 1	Page 48	50	50253272
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1	50282028

Pin case

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 mm ²	see	DU
Contact Pin (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 54	50
	Silver-plated	0,75 to 1	Page 54	50
	Tin-plated	0,25 to 0,5	Page 52	50
	Tin-plated	0,75 to 1	Page 52	50
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1

Connector 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 mm ²	see	DU
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50
	Silver-plated	0,5 to 1	Page 51	50
	Tin-plated	0,25 to 0,5	Page 48	50
	Tin-plated	0,5 to 1	Page 48	50
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1

Pin case

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 mm ²	see	DU
Contact Pin (KOSTAL RK 1,5)	Silver-plated	0,5 to 1	Page 55	50





Connector housing

Manufacturer KOSTAL LKS 1,5 ELA-U
Restriction:
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 mm ²	see	DU		
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50	50253279	
	Silver-plated	0,5 to 1	Page 51	50	50253280	
	Tin-plated	0,25 to 0,5	Page 48	50	50253271	
	Tin-plated	0,5 to 1	Page 48	50	50253272	
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)			0,22 to 1	Page 71	1	50282028

Pin case

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 mm ²	see	DU	
Contact Pin (KOSTAL RK 1,5)	Silver-plated	0,5 to 1	Page 55	50	50253938

Connector housing

Manufacturer KOSTAL LKS 1,5 ELA
Restriction:
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 mm ²	see	DU		
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50	50253279	
	Silver-plated	0,5 to 1	Page 51	50	50253280	
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)			0,22 to 1	Page 71	1	50282028

Pin case

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



50290920



50290920099



Version	Plug Type ID	IP-Code	DU	Article no.
ZF	Code A	IP X9K	2	50290920
			150	50290920099
Accessories	Surface	Cross section mm ²	see	DU
Contact Pin (KOSTAL RK 1,5)	Silver-plated	0,5 to 1	Page 55	50 50253938

Connector housing

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



3

	DU	Article no.		
	336	50390606		
Accessories	Surface	Cross section mm ²	see	DU
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50 50253279
	Silver-plated	0,5 to 1	Page 51	50 50253280
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1 50282028

Connector 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 mm ²	see	DU
Contact Sleeve (KOSTAL LKS 1,5 ELA-U)	Silver-plated	0,25 to 0,5	Page 51	50 50253279
	Silver-plated	0,5 to 1	Page 51	50 50253280
Sealing-/Protection Plugs ELA (KOSTAL ELA-U 4)		0,22 to 1	Page 71	1 50282028



» 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

3



Connector sleeve housing

Manufacturer Restriction: KOSTAL SLK 2,8 ELA
KOSTAL SLK 5,8 ELA
Temperature range: to 170 °C
Number of Poles: 4 terminal
Plug Type: Blade Terminal Sleeve
Info: without retaining



Plug Type ID	Port Type	DU	Article no.
Code A	2 x SLK 2,8 ELA 2 x SLK 5,8 ELA	1000	50390572
Accessories		see	DU
Sealing-/Protection Plugs ELB (KOSTAL ELB 5,2)		Page 70	1 50282030
Sealing-/Protection Plugs ELB (KOSTAL ELB 8,5)		Page 70	50 50282019

Connector sleeve 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	IP-Code	Version	Port Type	DU	Article no.
Code A	IP X9K		2 x SLK 2,8 ELA 2 x LSK 8 ELA	600	50390801
		Daimler	2 x LSK 8 ELA 2 x SLK 2,8 ELA	600	50290259
Accessories		Surface	Cross section mm²	see	DU
Crimp Connector (KOSTAL LSK 8 ELA)		Silver-plated	2,5 to 4	Page 39	50 50253495
		Silver-plated	4 to 6	Page 39	50 50253261
		Silver-plated	8 to 12	Page 39	50 50253336
Crimp Connector (KOSTAL SLK 2,8 ELA)		Silver-plated	0,22 to 0,35	Page 29	50 50253236
		Silver-plated	0,5 to 0,75	Page 29	50 50253237
		Silver-plated	1	Page 29	50 50253611
		Silver-plated	1,5 to 2,5	Page 29	50 50253238
		Tin-plated	0,22 to 0,35	Page 27	50 50253228
		Tin-plated	0,5 to 0,75	Page 27	50 50253229
		Tin-plated	1,5 to 2,5	Page 27	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



3



Plug housing

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



50390802



50390037

Plug Type ID	IP-Code	Version	Port Type	DU	Article no.
Code A	IP X9K		2 x SLK 2,8 ELA 2 x LSK 8 ELA	NEW 350	50390802
		Daimler	2 x LSK 8 ELA 2 x SLK 2,8 ELA	350	50390037
Accessories		Surface	Cross section mm ²	see	DU
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	4 to 6	Page 40	50	50253267
	Silver-plated	8 to 12	Page 40	50	50253341
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 31	50	50253252
	Silver-plated	0,5 to 0,75	Page 31	50	50253253
	Silver-plated	1,5 to 2,5	Page 31	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

Steckhülsegehäuse

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



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 mm ²	see	DU
Crimp Connector (KOSTAL LSK 8 ELA)	Silver-plated	2,5 to 4	Page 39	50	50253495
	Silver-plated	4 to 6	Page 39	50	50253261
	Silver-plated	8 to 12	Page 39	50	50253336
Crimp Connector (KOSTAL SLK 2,8)	Silver-plated	0,22 to 0,35	Page 28	50	50253232
	Silver-plated	0,5 to 0,75	Page 28	50	50253233
	Silver-plated	1,5 to 2,5	Page 28	50	50253234
	Silver-plated	4	Page 28	50	50253235
Seal			Page 153	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

Seal



	DU	Article no.
	5000	50390029

Connector sleeve 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 mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	50	50253238
	Silver-plated	4	Page 29	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





Connector sleeve 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 mm ²	see	DU	
Cap, cable gland			Page 25	25	50390457
			Page 25	25	50390458
Crimp Connector (KOSTAL MLK 1,2Sm ELA)	Silver-plated	0,17 to 0,25	Page 22	50	50253484
	Silver-plated	0,35	Page 22	50	50253463
	Silver-plated	0,5 to 0,75	Page 22	50	50253464
	Silver-plated	0,75 to 1	Page 22	50	50253465
Crimp Connector (KOSTAL SLK 2,8 ELA)	Silver-plated	0,22 to 0,35	Page 29	50	50253236
	Silver-plated	0,5 to 0,75	Page 29	50	50253237
	Silver-plated	1,5 to 2,5	Page 29	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

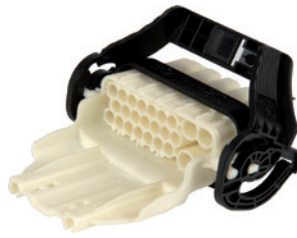
Manufacturer Restriction: KOSTAL MLK 1,2
Temperature range: to 120 °C
Number of Poles: 12 terminal
Plug Type: Blade Terminal



Version	Plug Type ID	IP-Code	DU	Article no.	
BMW	Code A	IP 20	1000	50390928	
Accessories	Surface	Cross section mm ²	see	DU	
Crimp Connector (KOSTAL MLK 1,2)	Silver-plated	0,35	Page 24	50	50253369
	Silver-plated	0,5 to 0,75	Page 24	50	50253496
	Silver-plated	0,75 to 1	Page 24	50	50253392
	Tin-plated	0,35 to 0,5	Page 23	50	50253360
	Tin-plated	0,75 to 1	Page 23	50	50253387

Connector sleeve 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: Flachsteckhülse



50390455



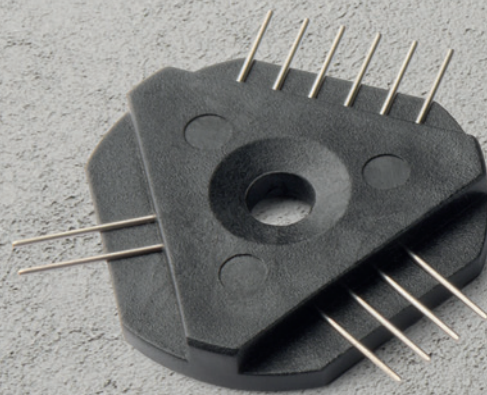
50390454



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 mm ²	see	DU	
Cap, cable gland				Page	25	50390457
				Page	25	50390458
Crimp Connector (KOSTAL MLK 1,2Sm ELA)		Silver-plated	0,17 to 0,25	Page 22	50	50253484
		Silver-plated	0,35	Page 22	50	50253463
		Silver-plated	0,5 to 0,75	Page 22	50	50253464
		Silver-plated	0,75 to 1	Page 22	50	50253465
		Silver-plated	1 to 1,5	Page 22	50	50253473
Crimp Connector (KOSTAL SLK 2,8 ELA)		Silver-plated	0,22 to 0,35	Page 29	50	50253236
		Silver-plated	0,5 to 0,75	Page 29	50	50253237
		Silver-plated	1,5 to 2,5	Page 29	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





Release Tools

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





Release Tool, flat-/round plug

» RELEASE TOOLS

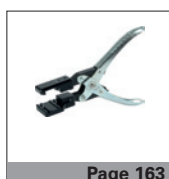


Changing contacts, simply!

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!



4







Blade Terminal Blade Terminal Sleeve

Release Tool, flat-/round plug



Example:

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

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

Release Tool, flat-/round plug



Example:

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

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

Release Tool, flat-/round plug



Example:

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

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

Release Tool, flat-/round plug



Example:

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

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

4

Release Tool, flat-/round plug



Example:

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

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

Release Tool, flat-/round plug



Example:

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

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

Release Tool, flat-/round plug



Example:

Manufacturer Restriction: KOSTAL SLK 2,8 Version: Prinzip 2A
Prinzip 2B
Plug type: BladeTerminal BladeTerminal Sleeve 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 Version: Prinzip 2A
Plug type: BladeTerminal Sleeve

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

Release Tool, flat-/round plug



Example:

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

Socket Width mm	Connector	Quantity	DU	Article no.
2,8		2	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	Quantity	DU	Article no.
5,8		2	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



Example:

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

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

Release Tool, flat-/round plug



Example:

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

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

Release Tool, flat-/round plug



Example:

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

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

Release Tool, flat-/round plug



Example:

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

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

4

Release Tool, flat-/round plug



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

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



Manufacturer Restriction: KOSTAL RK 4 Version: Prinzip 4

Diameter mm	Connector	DU	Article no.
4		1	95945374






Release tool, housing

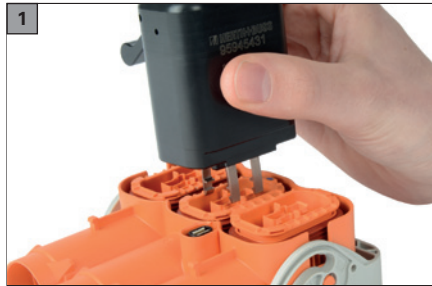
Release tool, housing



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







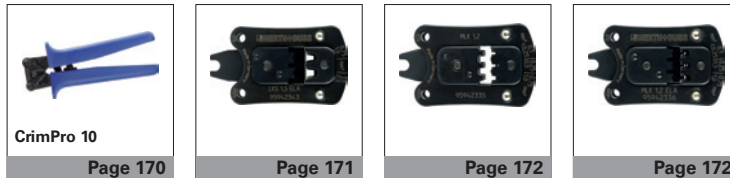
Pliers

Adapter, crimping pliers	183 - 184
Crimping Pliers	170 - 187
Crimping Pliers Insert	171 - 190
Crimpzangeneinsatz	184





Crimping Pliers



CrimPro 10 Crimping Pliers

Tools: Basic pliers without insert



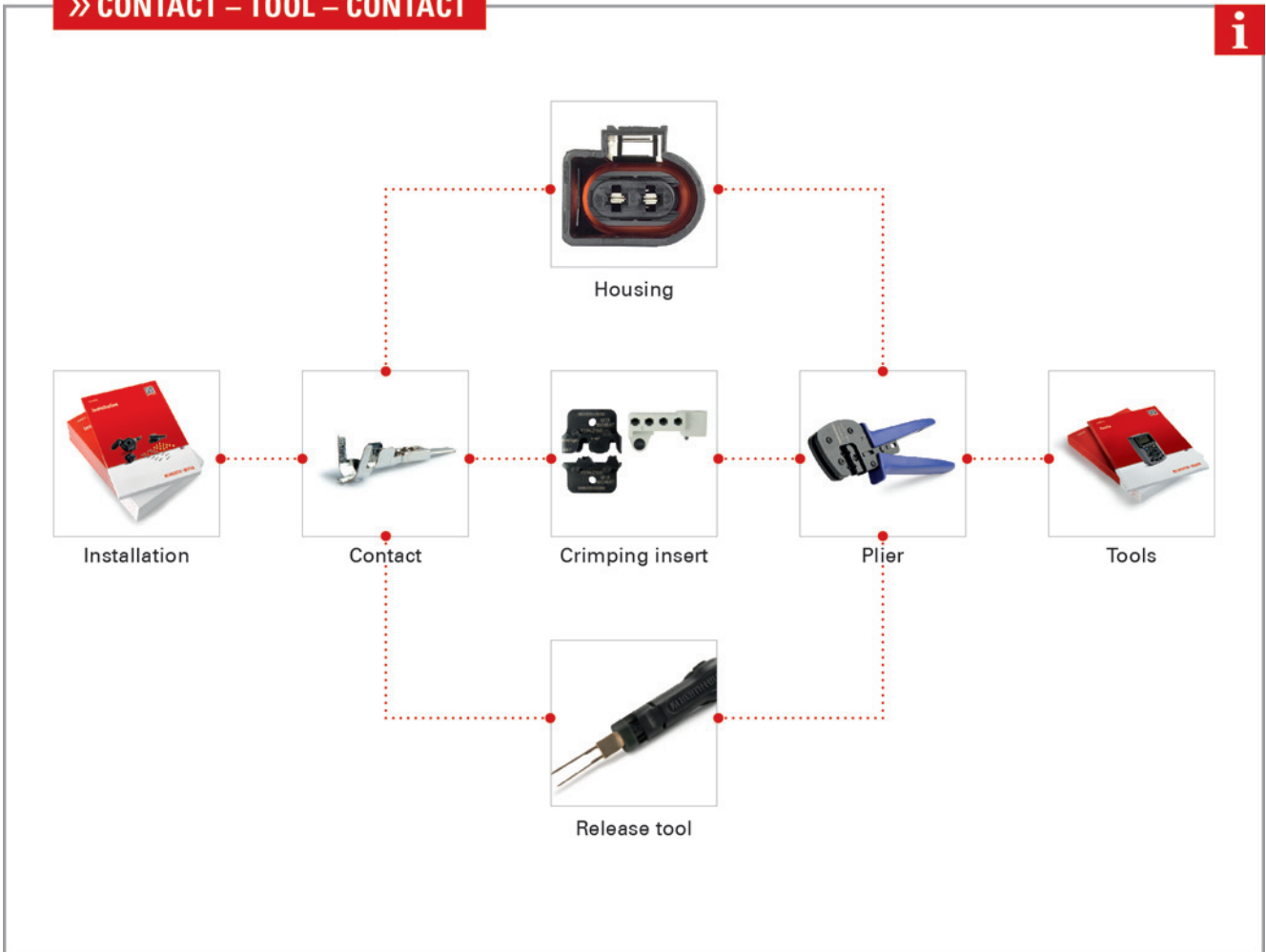
The CrimPro 10 offers a large range of processing options. Professional crimping precision for all common contacts thanks to linear die crimping. Ergonomic soft-hand grip also ensures fatigue-proof work. Inserts can be

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
	Katalog08	1	95942345
Crimping Pliers Insert (AMPTyco MT I AMPTyco MT II AMPTyco JPT)	Katalog08	1	95942348
Crimping Pliers Insert (AMPTyco MT I ELA AMPTyco MT II ELA AMPTyco JPT ELA)	Katalog08	1	95942126
Crimping Pliers Insert (AMPTyco SPT 5,8 ELA)	Katalog08	1	95942349
Crimping Pliers Insert (AMP Tyco Superseal)	Katalog08	1	95942353
Crimping Pliers Insert (GHW DFK 2)	Katalog08	1	95942352
Crimping Pliers Insert (GHW MDK 5 AMPTyco JPT)	Katalog08	1	95942352
Crimping Pliers Insert (GHW MDK 5 Plus GHW RSA 2 Plus)	Katalog08	1	95942359
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)	Page 171	1	95942343
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	Page 172	1	95942336
Crimping Pliers Insert (KOSTAL MLK 1,2)	Page 172	1	95942335
Crimping Pliers Insert DT (Deutsch DT Deutsch DTM)	Katalog08	1	95942358



» CONTACT – TOOL – CONTACT



Crimping Pliers Insert



Manufacturer Restriction: KOSTAL LKS 1,5 ELA

Plug type:

Round Plug
Round Connector Sleeve

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

Profile	DU	Article no.
	1	95942343





Crimping Pliers Insert



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 Insert



Manufacturer Restriction: KOSTAL MLK 1,2 ELA-U
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	95942336



Crimping Pliers



Page 174



Page 175



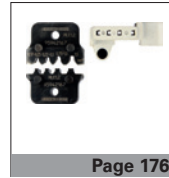
Page 175



Page 175



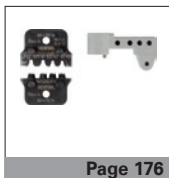
Page 175



Page 176



Page 176



Page 176



Page 176



Page 177



Page 177



Page 177



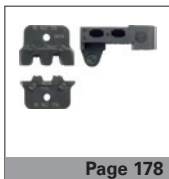
Page 177



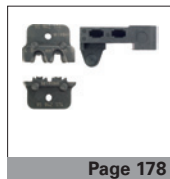
Page 178



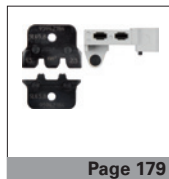
Page 178



Page 178



Page 178



Page 179



Page 179



Page 179





CrimPro 30 Crimping Pliers

Tools: Basic pliers without insert



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	
	Katalog08	1	95942191	
	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 175	1	95942147	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)	Page 175	1	95942173	
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)	Page 175	1	95942168	
Crimping Pliers Insert (KOSTAL LKS 1,5)	Page 175	1	95942180	
Crimping Pliers Insert (KOSTAL LSK 8 ELA)	Page 179	1	95942175	
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	Page 176	1	95942171	
	Page 176	1	95942196	
Crimping Pliers Insert (KOSTAL MLK 1,2)	Page 176	1	95942163	
	Page 176	1	95942167	
Crimping Pliers Insert (KOSTAL MQ 0,6)	Page 177	1	95942148	
	Page 177	1	95942149	
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 178	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 179	1	95942184	

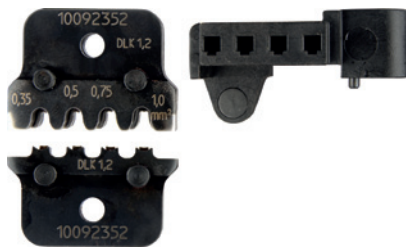






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Crimping Pliers Insert



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

Plug type: Blade Terminal Sleeve
 with positioner

Tools:

Profile	DU	Article no.
	1	95942147

Crimping Pliers Insert



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

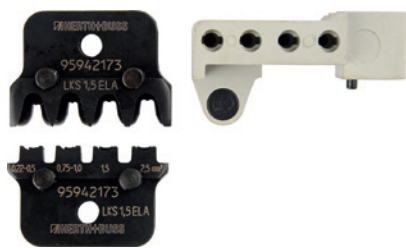
Plug type: Round Plug
 Round Connector Sleeve
 with positioner

Tools:

Profile	DU	Article no.
	1	95942180

Example:

Crimping Pliers Insert



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
 with positioner

Tools:

Profile	DU	Article no.
	1	95942173

Example:

Crimping Pliers Insert



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
 with positioner

Tools:

Profile	DU	Article no.
	1	95942168

Example:





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
with positioner

Tools:

Profile	DU	Article no.
	1	95942167

Crimping Pliers Insert



Example:

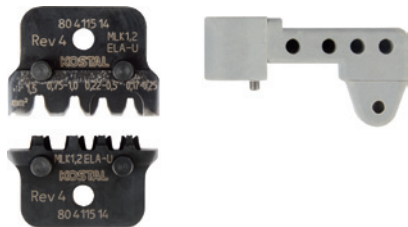
Manufacturer Restriction: KOSTAL MLK 1,2
Cross section: 0,5 mm²
0,75 mm²

Plug type: Blade Terminal
Blade Terminal Sleeve
with positioner

Tools:

Profile	DU	Article no.
	1	95942163

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
with positioner

Tools:

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
Tools: with positioner

	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
Tools: with positioner

	Profile	DU	Article no.
		1	95942149

Crimping Pliers Insert



Example:

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

Crimping Pliers Insert



Example:

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

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

	Profile	DU	Article no.
		1	95942169





Crimping Pliers Insert



Manufacturer Restriction: KOSTAL SLK 2,8 ELA
Cross section: 4 mm²
Plug type: BladeTerminal
 BladeTerminal Sleeve
Tools: without positioner
only in connection with: KOSTAL SLK ELA 7

Profile	DU	Article no.
	1	95942160

Crimping Pliers Insert



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: BladeTerminal
 BladeTerminal Sleeve
 with positioner
Tools:

Profile	DU	Article no.
	1	95942172

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL SLK 5,8
Cross section: 4 mm²
 6 mm²
Plug type: BladeTerminal
 BladeTerminal Sleeve
 with positioner
Tools:

Profile	DU	Article no.
	1	95942176

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL SLK 5,8 ELA
Cross section: 4 mm²
 6 mm²
Plug type: BladeTerminal
 BladeTerminal Sleeve
 with positioner
Tools:

Profile	DU	Article no.
	1	95942174

Crimping Pliers Insert



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



Manufacturer Restriction: KOSTAL SLK 5,8 ELA
Cross section: 1,5 mm²
 2,5 mm²
Plug type: Blade Terminal Sleeve
 Blade Terminal
 with positioner
Tools:

	Profile	DU	Article no.
		1	95942183

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 4 to 6 mm²
Plug type: Blade Terminal
 Blade Terminal Sleeve
 with positioner
Tools:

	Profile	DU	Article no.
		1	95942175





Crimping Pliers

Crimping Pliers



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

	Profile	DU	Article no.
		1	95942371

Crimping Pliers



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

	Profile	DU	Article no.
		1	95942372

Crimping Pliers



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

	Profile	DU	Article no.
		1	95942373

Crimping Pliers



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

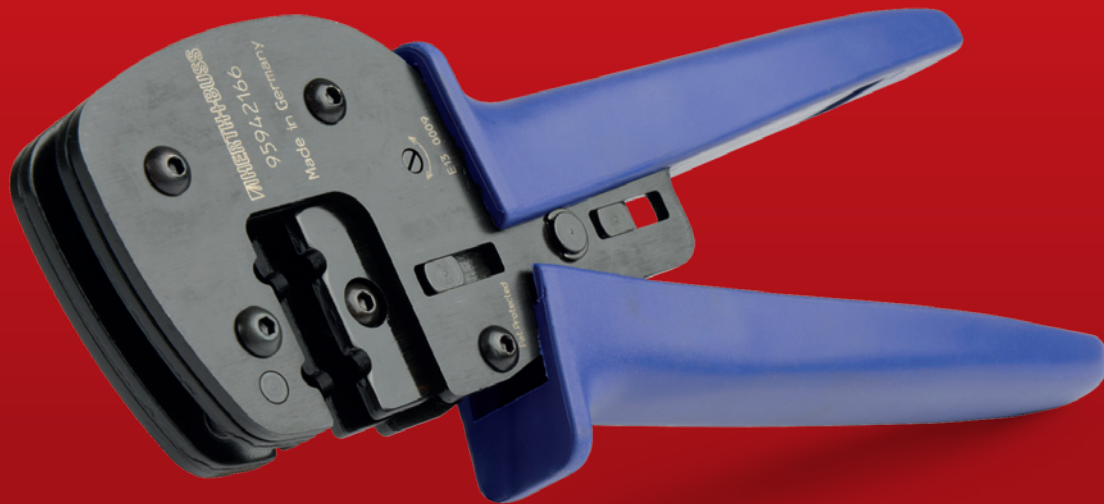
	Profile	DU	Article no.
		1	95942374

ELPARTS

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



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.

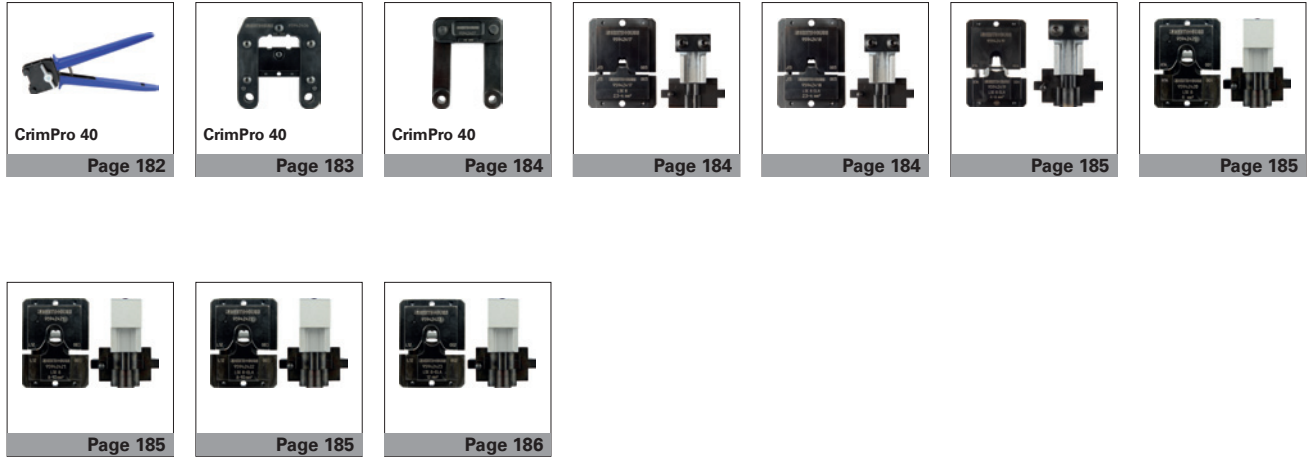
Passt immer!

ELPARTS | JAKOPARTS

 **HERTH+BUSS**



Crimping Pliers



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: mit Montagewerkzeug **Tools:** Basic pliers without insert



Length mm	DU	Article no.
330	1	95942405
Accessories	see	DU
Adapter, crimping pliers CrimPro 40	Page 183	1 95942406
	Page 184	1 95942407

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CrimPro 40

Adapter, crimping pliers



The CrimPro 40 adapter enables crimping inserts from the CrimPro 30 series to also be used. Suitable for processing small and medium contact sizes, it already includes an integrated positioning system for pre-fixing contacts.

	DU	Article no.
	1	95942406
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
	Katalog08	1 95942191
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 175	1 95942147
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA)	Page 175	1 95942173
Crimping Pliers Insert (KOSTAL LKS 1,5 ELA-U)	Page 175	1 95942168
Crimping Pliers Insert (KOSTAL LKS 1,5)	Page 175	1 95942180
Crimping Pliers Insert (KOSTAL LSK 8 ELA)	Page 179	1 95942175
Crimping Pliers Insert (KOSTAL MLK 1,2 ELA-U)	Page 176	1 95942171
	Page 176	1 95942196
Crimping Pliers Insert (KOSTAL MLK 1,2)	Page 176	1 95942163
	Page 176	1 95942167
Crimping Pliers Insert (KOSTAL MQ 0,6)	Page 177	1 95942148
	Page 177	1 95942149
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 178	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 179	1 95942184
for article number		
95942405		





CrimPro 40

Adapter, crimping pliers

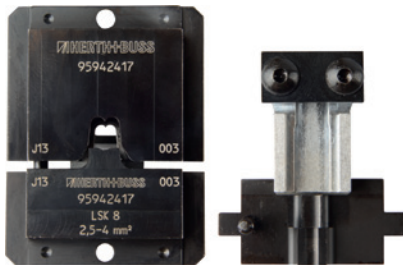
The CrimPro 40 adapter is used together with the corresponding crimping inserts for processing cross-sections of between 6 mm² and 12 mm².



DIN / ISO: EN 48083

		DU	Article no.
		1	95942407
Accessories	see	DU	
Crimping Pliers Insert (KOSTAL LSK 8 ELA)	Page 185	1	95942419
	Page 185	1	95942422
	Page 186	1	95942423
Crimping Pliers Insert (KOSTAL LSK 8)	Page 184	1	95942417
	Page 185	1	95942420
	Page 185	1	95942421
Crimpzangeneinsatz (KOSTAL LSK 8 ELA)	Page 184	1	95942418

Crimping Pliers Insert

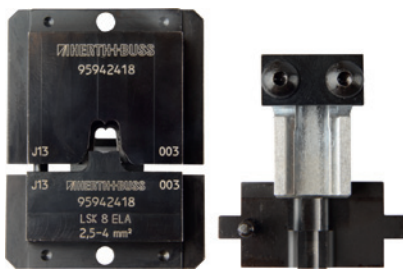


Example:

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

	Profile	DU	Article no.
		1	95942417

Crimpzangeneinsatz

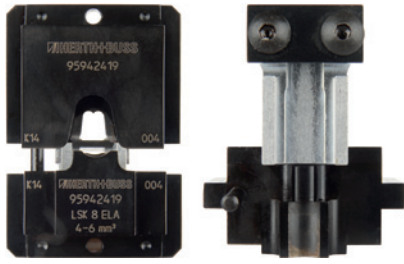


Example:

Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 2,5 to 4 mm²
Plug type: Flachstecker
Tools: Flachsteckhülse mit Positionierer

	Profile	DU	Article no.
		1	95942418

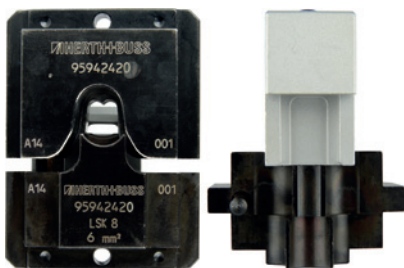
Crimping Pliers Insert



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

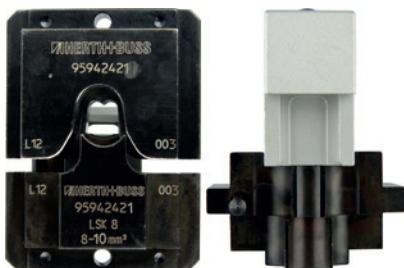
Crimping Pliers Insert



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

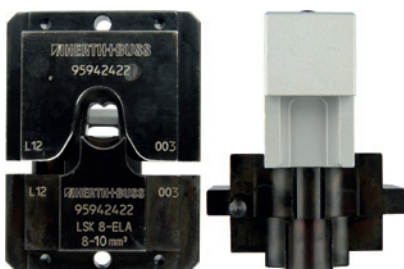
Crimping Pliers Insert



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



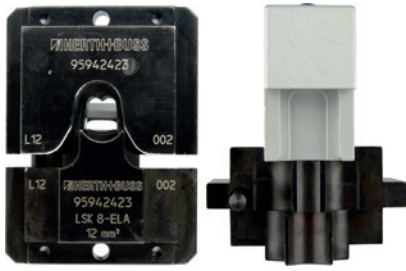
Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 8 to 10 mm² **Plug type:** Blade Terminal
Blade Terminal Sleeve with positioner
Tools:

Profile	DU	Article no.
	1	95942422





Crimping Pliers Insert

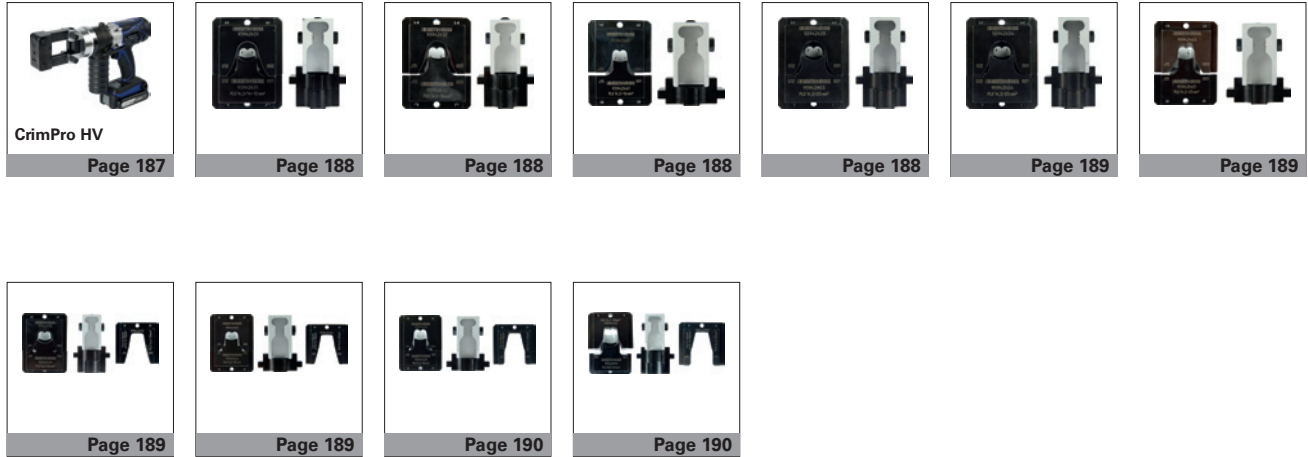


Manufacturer Restriction: KOSTAL LSK 8 ELA
Cross section: 12 mm²
Plug type: Blade Terminal
Tools: Blade Terminal Sleeve with positioner

	Profile	DU	Article no.
		1	95942423



Crimping Pliers



CrimPro HV Crimping Pliers



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
for vehicles with
hybrid drive
for vehicles with
electric engine

Vehicle Equipment:

Charging time Hrs.	DU	Article no.	
0,15	1	95942951	
Accessories	see	DU	
Crimping Pliers Insert (KOSTAL PLK 14,5)	Page 188	1	95942451
	Page 188	1	95942452
	Page 188	1	95942453
	Page 189	1	95942454
	Page 189	1	95942455
	Page 188	1	95942461
	Page 189	1	95942463
	Page 189	1	95942464
	Page 190	1	95942465
Page 190	1	95942992	





Crimping Pliers Insert



Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 14 to 15 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	95942451

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 16 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	95942452

Crimping Pliers Insert



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

Info: without insulation crimp
Tools: with positioner

	Profile	DU	Article no.
		1	95942461

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 20 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	95942453

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 25 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	95942454

Crimping Pliers Insert



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

Info: without insulation crimp
Tools: with positioner

	Profile	DU	Article no.
		1	95942463

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 35 mm²
Plug type: BladeTerminal 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



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

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

	Profile	DU	Article no.
		1	95942464





Crimping Pliers Insert



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

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

Profile	DU	Article no.
	1	95942465

Crimping Pliers Insert



Manufacturer Restriction: KOSTAL PLK 14,5
Cross section: 50 mm²
Plug type: BladeTerminal Sleeve
Tools: with thin isolation crimp
with positioner

Profile	DU	Article no.
	1	95942992









Measuring Technology

Multimeter	194
Multimeter Holding Wire	195





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 app-

lies for reading engine speeds. It has a 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

WxHxD: 83 x 165 x 47 mm
Weight: 370 g
Info: with diode test function
with continuity test function

Required appliance battery: 9V Block



Messbereich (AC) V	Messbereich (DC) V	Measurement range Ω	Measurement range Hz	Measurement range $^{\circ}\text{C}$	DU	Article no.
4 40 250	0,4 4 40 250	400 Ohm to 40 MOhm	5 Hz to 200 kHz	-20 $^{\circ}\text{C}$ to +1000 $^{\circ}\text{C}$	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



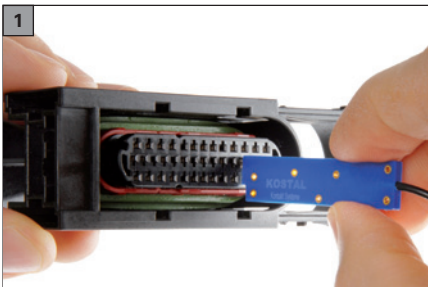
The MLK 1.2 test adapter is the only mobile tester that has been permitted and approved for KOSTAL MLK connector sleeves. Until now, it was difficult to adapt the contacts for measuring purposes under workshop conditions, due to the compact construction of the KOSTAL MLK connector sleeves. In order to

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
Rated current: to 3 A
Manufacturer Restriction: KOSTAL MLK 1,2

Resistance: to 100 MOhm
Plug type: BladeTerminal Sleeve

	DU	Article no.
	1	95980770



Article no. Index



Article number	Page	Article number	Page
50253224	27	50253250	31
50253224088	27	50253250088	31
50253225	27	50253251	31
50253225088	27	50253251088	31
50253226	27	50253252	31
50253226088	27	50253252088	31
50253227	27	50253253	31
50253227088	27	50253253088	31
50253228	27	50253254	31
50253228088	27	50253254088	31
50253229	27	50253255	31
50253229088	27	50253255088	31
50253230	27	50253259	38
50253230088	27	50253259088	38
50253232	28	50253260	38
50253232088	28	50253260088	38
50253233	28	50253261	39
50253233088	28	50253261088	39
50253233099	28	50253264	38
50253234	28	50253264088	38
50253234088	28	50253265	39
50253235	28	50253265088	39
50253235088	28	50253266	39
50253236	29	50253266088	39
50253236088	29	50253267	40
50253237	29	50253267088	40
50253237088	29	50253268	46
50253237099	29	50253268088	46
50253238	29	50253271	48
50253238088	29	50253271088	48
50253238099	29	50253272	48
50253240	30	50253272088	48
50253240088	30	50253273	47
50253241	30	50253273088	47
50253241088	30	50253274	47
50253242	30	50253274088	47
50253242088	30	50253275	47
50253243	30	50253275088	47
50253243088	30	50253276	49
50253245	30	50253276088	49
50253245088	30	50253277	49
50253246	30	50253277088	49
50253246088	30	50253278	49
50253247	30	50253278088	49
50253247088	30	50253279	51
50253248	31	50253279088	51
50253248088	31	50253280	51
50253249	31	50253280088	51
50253249088	31	50253281	50

Article number	Page	Article number	Page
50253281088	50	50253341088	40
50253282	50	50253344	27
50253282088	50	50253344088	27
50253283	50	50253360	23
50253283088	50	50253360088	23
50253284	51	50253361088	33
50253284088	51	50253366	30
50253286	51	50253366088	30
50253286088	51	50253367088	23
50253287	52	50253369	24
50253287088	52	50253369088	24
50253288	52	50253377	25
50253289	52	50253377088	25
50253289088	52	50253378	24
50253290	52	50253378088	24
50253290088	52	50253386	25
50253291	52	50253386088	25
50253292	53	50253387	23
50253292088	53	50253387088	23
50253293	53	50253388	19
50253294	53	50253388088	19
50253294088	53	50253389	24
50253295	54	50253389088	24
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50253296	54	50253392088	24
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50253297	53	50253394088	25
50253298	53	50253394099	25
50253299	53	50253395088	23
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50253301	56	50253412	15
50253301088	56	50253412088	15
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50253305	57	50253417088	35
50253305088	57	50253429	19
50253330	64	50253430	18
50253336	39	50253431	19
50253336088	39	50253433	19
50253337088	38	50253433088	19
50253339	29	50253434	18
50253339088	29	50253434088	18
50253341	40	50253435	19



Article number	Page	Article number	Page
50253435088	19	50253472088	21
50253436	18	50253473	22
50253439	18	50253473088	22
50253439088	18	50253474	21
50253440	19	50253474088	21
50253440088	19	50253475	21
50253441	18	50253475088	21
50253441088	18	50253476	20
50253442	19	50253476088	20
50253442088	19	50253477	21
50253443	18	50253477088	21
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50253444	19	50253478088	21
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50253445	18	50253479088	21
50253445088	18	50253480	20
50253448	35	50253480088	20
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50253449	34	50253481088	21
50253450	35	50253482	20
50253450088	35	50253482088	20
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50253457088	25	50253490088	23
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50253459088	25	50253495088	39
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50253462088	20	50253496088	24
50253463	22	50253498088	22
50253463088	22	50253500088	27
50253464	22	50253505	42
50253464088	22	50253506	42
50253465	22	50253506099	42
50253465088	22	50253507	42
50253466	24	50253513	42
50253466088	24	50253519	42
50253468088	23	50253611	29
50253469	21	50253611088	29
50253469088	21	50253703	131
50253470	21	50253704	131
50253470088	21	50253706	131
50253471	21	50253805	132
50253471088	21	50253840088	30
50253472	21	50253841088	31

Article number	Page	Article number	Page
50253842088	30	50253966	20
50253843088	31	50253966088	20
50253844088	28	50253967	21
50253845088	27	50253967088	21
50253910	59	50253990088	23
50253911	59	50253994088	20
50253911099	59	50253996	42
50253912	59	50282018	70
50253912099	59	50282019	70
50253913	57	50282021	71
50253913099	57	50282022	71
50253914	58	50282023	71
50253914099	58	50282024	71
50253915	60	50282025	71
50253916	60	50282026	71
50253916099	60	50282027	71
50253918	61	50282027099	71
50253918099	61	50282028	71
50253920	64	50282029	71
50253920098	64	50282029099	71
50253920099	64	50282030	70
50253921	66	50282031	70
50253921099	66	50282033	71
50253923	63	50282035	71
50253923099	63	50282035099	71
50253925	64	50282037	70
50253925099	64	50282059	70
50253926	61	50282061	71
50253928	65	50282063	71
50253928099	65	50282064	71
50253929	65	50282068	71
50253929099	65	50282069	70,131
50253932	58	50282070	70,131
50253933099	58	50282072	70,131
50253937	63	50282077	70,131
50253938	55	50282079	71
50253938099	55	50282084	71
50253943	60	50282086	71
50253943099	60	50282097	71,120
50253944	60	50282098	71,120
50253944099	60	50282099	71,120
50253950	66	50282199	71
50253950098	66	50290004	99
50253950099	66	50290007	146
50253951	66	50290019	107
50253951099	66	50290060	97
50253952	65	50290060099	97
50253952099	65	50290071	97
50253962	62	50290081	96



Article number	Page	Article number	Page
50290150041	63	50290774	107
50290150099	63	50290776	107
50290259	151	50290797	103
50290318	140	50290797099	103
50290497	133	50290798	99
50290623099	100	50290798099	99
50290669	145	50290799	103
50290675	103	50290813	135
50290676	99	50290892	107
50290676099	99	50290892099	107
50290681	107	50290896	133
50290685	106	50290897	109
50290686	145	50290907	144
50290690	107	50290920	149
50290694	92	50290920099	149
50290698	104	50290921	100
50290698099	104	50290921099	100
50290699	109	50290932	101
50290727	106	50290932098	101
50290730	140	50290932099	101
50290730099	140	50290936	96
50290731	141	50290937	96
50290732	140	50290937098	96
50290732099	140	50290937099	96
50290733	141	50290943	141
50290733099	141	50290948	140
50290734	140	50290963	99
50290734099	140	50290970	101
50290735	141	50290971	101
50290737	142	50290991	152
50290740	143	50295044	194
50290742	143	50390008	108
50290742099	143	50390013	96
50290744	143	50390029	153
50290745	144	50390037	152
50290746099	145	50390045	121-122
50290750	147	50390049	122-123
50290751	147	50390050	123-124
50290751099	147	50390051	121-122
50290752	148	50390052	121-122
50290752099	148	50390053	122-123
50290756	98	50390054	121-123
50290756099	98	50390055	123,125
50290757	96	50390056	123,125
50290757099	96	50390057	123-124
50290763	102	50390058	123-125
50290764	102	50390067	122-123
50290765	101	50390068	122-123
50290769	104	50390069	124

Article number	Page	Article number	Page
50390071	122-123	50390301	121
50390072	122-123	50390302	122
50390073	121-122	50390303	122
50390078	147	50390304	123
50390085	124	50390305	123
50390091	124	50390306	124
50390092	124	50390307	125
50390112	90	50390310	113
50390112099	90	50390320	133
50390142	96	50390321	106
50390144	140	50390329	93
50390146	121	50390341	141
50390147	121	50390350	84
50390148	121	50390351	85
50390149	121	50390352	146
50390150	121	50390353	90
50390151	121	50390356	86
50390170	110	50390379	82
50390201	135	50390380	82
50390219	147	50390381	82
50390221	97	50390382	82
50390221099	97	50390385	84
50390233	98	50390386	84
50390247	100	50390387	84
50390248	100	50390388	84
50390255	125	50390391	83
50390256	125	50390391098	83
50390270	82	50390392	83
50390270099	82	50390393	85
50390271	82	50390394	85
50390271099	82	50390394099	85
50390272	82	50390395	118
50390272099	82	50390395099	118
50390273	82	50390396	116
50390276	84	50390397	119
50390277	84	50390398	120
50390278	84	50390399	119
50390279	84	50390400	119
50390282	95	50390401	119
50390283	95	50390402	118
50390284	95	50390403	96
50390285	95	50390404	90
50390286	95	50390405	98
50390287	95	50390407	101
50390288	103	50390408	113
50390289	103	50390409	116
50390290	103	50390410	118
50390291	103	50390412	119
50390300	121	50390414	142



Article number	Page	Article number	Page
50390420	90	50390623	87
50390424	88	50390633	129
50390424099	88	50390634	153
50390448	117	50390636	88
50390454	155	50390678	134
50390454099	155	50390682	118
50390455	155	50390694	148
50390456	154	50390699	127
50390460	108	50390742	129
50390463	91	50390743	130
50390466	115	50390747	88
50390467	86	50390749	135
50390471	97	50390750	82
50390471098	97	50390754	141
50390472	97	50390763	84
50390473	97	50390765	127
50390475	86	50390767	129
50390477	92	50390768	129
50390485	110	50390774	145
50390491	82	50390777	112
50390508001	84	50390778	112
50390509	127	50390779	134
50390509099	127	50390780	83
50390510	127	50390781	83
50390511	128	50390782	83
50390512	128	50390783	83
50390513	132	50390784	85
50390514	132	50390785	85
50390518	132	50390786	85
50390519	128	50390787	85
50390527	119	50390788	85
50390531	145	50390789	87
50390537	111	50390790	87
50390541	110	50390791	87
50390554	128	50390792	87
50390556	108	50390793	89
50390559	111	50390794	89
50390560	131	50390795	89
50390565	134	50390796	89
50390571	134	50390797	89
50390572	151	50390798	89
50390573	102	50390799	89
50390606	149	50390800	102
50390616	113	50390801	151
50390617	91	50390802	152
50390619	91	50390803	129
50390620	91	50390841	82
50390621	86	50390841001	82
50390622	86	50390850	98

Article number	Page	Article number	Page
50390850099	98	95942371	180
50390910	105	95942372	180
50390916	117	95942373	180
50390917	118	95942374	180
50390920	83	95942405	182
50390921	105	95942406	183
50390923	128	95942407	184
50390924	148	95942417	184
50390925	114	95942418	184
50390926	132	95942419	185
50390928	154	95942420	185
50390929	118	95942421	185
50390930	93	95942422	185
50390931	93	95942423	186
50390932	93	95942451	188
50390934	149	95942452	188
50390937	153	95942453	188
50390939	149	95942454	189
50390940	116	95942455	189
50390943	84	95942461	188
50390948	146	95942463	189
50390953	153	95942464	189
50390961	107	95942465	190
95942147	175	95942951	187
95942148	177	95942992	190
95942149	177	95945350	164
95942160	178	95945350001	164
95942163	176	95945353	164
95942164	174	95945354	164
95942166	174	95945355	164
95942167	176	95945356	164
95942168	175	95945357	165
95942169	177	95945358	165
95942170	177	95945359	164
95942171	176	95945374	165
95942172	178	95945386	162
95942173	175	95945400	161
95942174	178	95945402	161
95942175	179	95945403	160
95942176	178	95945428	162
95942180	175	95945429	161
95942183	179	95945431	166
95942184	179	95945432	162
95942196	176	95945433	161
95942330	170	95945435	162
95942331	170	95945436	162
95942335	172	95945437	161
95942336	172	95945438	160
95942343	171	95945439	160



Article number	Page
95945440	160
95945441	163
95945442	163
95980770	195
95980775	194
95980775001	194

Index



Description	Page
A	
Adapter, crimping pliers	183-184
C	
Connector housing	140-149
Connector sleeve housing	82-93,95-113,115-118,127-130,133-
Contact Pin	51-55,57,60-61,65-66
Contact Sleeve	46-51,56-59,61-64
Cover Cap, plug housing	118-119,129,132
Crimp Connector	15,18-25,27-31,33-36,38-40,42
Crimping Pliers	170,174,180,182,187
Crimping Pliers Insert	171-172,175-179,184-186,188-190
CrimPro 10	170
CrimPro 30	174
CrimPro 40	182-184
CrimPro HV	187
Crimpzangeneinsatz	184
E	
ELA	70-71,131
ELB	70
H	
Holder, contact carrier	119
I	
Insulator	134
L	
Lid	93
M	
Multimeter	194
Multimeter Holding Wire	195
P	
Pin case	141-142,144-145,147-149
Plug housing	83,85,88,91,93,97-98,100,106-107,110-
Plug Housing	87,93,108,114,118,135
Plug housing	83,85,88,91,93,97-98,100,106-107,110-

Description	Page
Plug Housing	87,93,108,114,118,135
Plug Housing Set	121-125
R	
Release Tool, flat-/round plug	160-165
Release tool, housing	166
Release Tools	163
Retaining Plate	132
S	
Seal	119,131,153
Sealing-/Protection Plugs	70-71,120,131
Secondary Lock, plug housing	119-120
Soldered Connector	38
Spacer Sleeve	131
Split Sleeve	131
Steckhülsegehäuse	152

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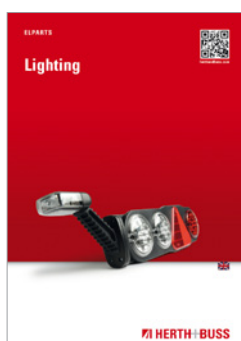


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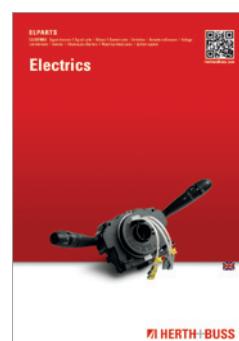
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