

Electrics



Product competence from EUROPART

- Cigarette lighter and power socket
- Universal connections
- Plug system 2/3/4-pin
- Plug connections 12 V
- Plug connections 24 V
- ABS/EBS-plug system
- Adapter 12/24 V
- Coiled cables
- Test plug 12/24 V
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- Jumper cables 12/24 V



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Cigarette lighter and power socket

Application:

Cigarette lighters and/or power sockets are absolute standard outfitting in today's vehicles. In addition to the traditional cigarette lighter, the power sockets enable an additional connection option for supplying a variety of small consumer units, such as lights, fans, coolers, telephones, laptops, portable refrigerators, coffee machines etc. With a very wide variety, our assortment has the right model for virtually any application.

Advantages of the range:

- Simple mounting
- Screw head and clamping sleeve
- Optionally with lighting
- 12 V and 24 V versions available
- Proven technology for original equipment



Cigarette lighter

Version	with lighting
Connection	Spade connection 6.3 mm
Fastening	Clamping sleeve (green)
Installation Ø	28 mm
Switch board power, max.	2,5 mm

Voltage	Load capacity	Order no	Comparative no
12 V	10 A	0004 594 001	HELLA 8EZ 008 021-001
24 V	5 A	0004 594 011	HELLA 8EZ 008 021-011



Cigarette lighter

Version	without lighting
Connection	Spade connection 6.3 mm
Fastening	Split washer
Installation \varnothing	23,5 mm
Switch board power, max.	2,5 mm

Voltage	Load capacity	Order no	Comparative no
12 V	10 A	0008 022 001	HELLA 8EZ 008 022-001
24 V	5 A	0004 595 011	HELLA 8EZ 008 022-011



Cigarette lighter

Standard	SAE-standard
Version	with lighting
Connection	Spade connection 6.3 mm
Fastening	Clamping sleeve (red)
Installation \varnothing	28 mm
Switch board power, max.	2 mm

Voltage	Order no	Comparative no
12 V	0008 021 021	HELLA 8EZ 008 021-021
24 V	0008 021 031	HELLA 8EZ 008 021-031



Cigarette lighter

Standard	SAE-standard
Version	without lighting
Connection	Spade connection 6.3 mm
Fastening	Hexagon nut
Installation \varnothing	28 mm
Switch board power, max.	2-8 mm

Voltage	Order no	Comparative no
12 V	0008 021 041	HELLA 8EZ 008 021-041
24 V	0008 021 051	HELLA 8EZ 008 021-051



Power socket

with lid

Version	with lighting
Connection	Spade connection 6.3 mm
Voltage	12 V
Load capacity	15 A
Fastening	Clamping sleeve (green)
Installation \varnothing	28 mm
Switch board power, max.	2,5 mm

Capacity 15 A at 24 V

With installed 12 V light bulb, an additional light bulb must be ordered for 24 V application.

Order no	Comparative no
0008 023 011	HELLA 8JB 008 023-011



Power socket

with lid

Version 2-pin
 Connection Spade connection 6.3 mm
 Voltage 12/24 V
 Load capacity 15 A
 Fastening Clamping sleeve (green)
 Installation \varnothing 28 mm
 Switch board power, max. 2,5 mm
 Capacity 15 A at 24 V

Order no	Comparative no
0008 023 001	HELLA 8JB 008 023-001



Power socket

with lid

Version with lighting
 Connection Spade connection 6.3 mm
 Load capacity 20 A
 Fastening Clamping sleeve (red)
 Installation \varnothing 28 mm
 Inner \varnothing 21 mm
 Switch board power, max. 2,5 mm

Voltage	Order no	Comparative no
12 V	0008 023 021	HELLA 8JB 008 023-021
24 V	0008 023 031	HELLA 8JB 008 023-031



Power socket

with lid

Connection Spade connection 6.3 mm
 Voltage 12/24 V
 Load capacity 20 A
 Fastening Hexagon nut and sleeve (red)
 Installation \varnothing 28 mm
 Inner \varnothing 21 mm
 Switch board power 2-8 mm

Order no	Comparative no
0008 023 051	HELLA 8JB 008 023-051

Universal plug connections/2-pin plug system certified to DIN ISO 4165 (SAE)

Universal plug, sockets, adapters and couplings

Application:

Similar to power sockets, the proven plug system certified to ISO 4165 enables an additional connection option for providing to a number of small consumer units, such as lights, fans, coolers, telephones, laptops, portable refrigerators, coffee machines etc. Depending on the model, the plug systems can be installed inside as well as outside the vehicle. With the red front adapter, the universal plug enables the usage of both systems with one and the same plug. With a very wide variety, our assortment has the right model for virtually any application.



Advantages of the range:

- Simple mounting
- Various connection options (screw and spade connections)
- Sockets with and without cover
- Available in light metal and plastic models
- Sockets certified to ISO 4165 with reverse polarity protection thanks to T-plug connector
- Assortment includes extensions, battery monitors and adapters for end users



Additional socket for universal plugs

without cover

Standard	ISO 4165 (SAE)
Connection	Spade connection 6.3 mm
Voltage	12-24 V
Number of poles	2
Width	34 mm
Height	33 mm
Depth	85 mm
Inner Ø	21 mm
Material	plastic

Capacity 15 A at 24 V (cable cross section 1.5 mm²)
Capacity 20 A at 24 V (cable cross section 2.5 mm²)

Scope of supply
with bolts

Order no	Comparative no
9501 241 500	HELLA 8JB 004 123-042



Additional triple socket for universal plugs

without cover

Standard	ISO 4165 (SAE)
Voltage	12-24 V
Number of poles	2
Width	95 mm
Height	33 mm
Depth	85 mm
Inner Ø	21 mm
Material	plastic

Capacity 15 A at 24 V (cable cross section 1.5 mm²)
Capacity 20 A at 24 V (cable cross section 2.5 mm²)

Scope of supply
with bolts

Order no	Comparative no
9501 306 443	HELLA 8JB 004 123-051



Safety universal plug

with force-guided strain relief, 8 A fuse and pulling tool

Standard	ISO 4165 (SAE)
Connection	2 screw connections up to 2.5 mm ²
Voltage	24 V
Length	83 mm
Outer Ø	12/21 mm

Capacity 8 A at 6-24 V (cable cross section 0.75 mm²)
Opening for cable feed 7 mm

Order no	Comparative no
0007 589 002	HELLA 8JA 007 589-002



Safety universal plug

with screwed strain relief, LED-display, 8 A fuse and pulling tool

Standard	ISO 4165 (SAE)
Connection	2 screw connections up to 2.5 mm ²
Length	83/109 mm
Outer Ø	12/21 mm

Capacity 8 A at 6-24 V
Opening for cable routing 7 mm

Order no	Comparative no
0007 589 031	HELLA 8JA 007 589-031



Safety universal plug

with screwed strain relief, without fuse

Standard ISO 4165 (SAE)
 Connection 2 screw connections up to 2.5 mm²
 Voltage 24 V
 Length 83 mm
 Outer Ø 12/21 mm

Capacity 16 A at 24 V
 Opening for cable routing 7 mm

Order no	Comparative no
0007 589 021	HELLA 8JA 007 589-021



Universal right-angle connector plug

with screwed strain relief and 8 A fuse, 180° infinitely variable swivelling, with sufficient space for electronics (circuit board 28.5 x 26.5 x 1.5 mm)

Standard ISO 4165 (SAE)
 Connection 2 screw connections up to 2.5 mm²
 Voltage 24 V
 Length 109 mm
 Outer Ø 12/21 mm

Capacity 8 A at 24 V

Order no	Comparative no
0007 589 041	HELLA 8JA 007 589-041



Universal right-angle connector plug

with screwed strain relief, rocker switch O-1 and 8 A fuse, 180° infinitely variable

Standard ISO 4165 (SAE)
 Connection Screw connections up to 1.5 mm²
 Length 109 mm
 Outer Ø 12/21 mm

Capacity 8 A at 24 V

Order no	Comparative no
0007 589 152	HELLA 8JA 007 589-152



Universal right-angle connector plug

with screwed strain relief, 7.5 ATO-spade fuse and function control via LED

Standard ISO 4165 (SAE)
 Connection 2 screw connections up to 1.5 mm²
 Voltage 24 V
 Outer Ø 12/21 mm
 Dimensions 68.5 x 52 x 27 mm

Capacity 7.5 A at 24 V

Order no	Comparative no
0007 589 052	HELLA 8JA 007 589-052



Adapter cable

Extension cable

for adapting standard and cigarette lighter sockets on cigarette lighter plug
 Universal safety plug with 8 A fuse

Standard ISO 4165 (SAE)
 Voltage 24 V
 Cable cross-section 2 x 0,75 mm²
 Cable length 4 m

Capacity 8 A at 24 V

Order no	Comparative no
9501 003 341	HELLA 8KA 007 589-081



Adapter cable

Coiled extension cord

for adapting standard and cigarette lighter sockets on cigarette lighter plug,
 Universal safety plug with 8 A fuse

Standard ISO 4165 (SAE)
 Voltage 24 V
 Cable cross-section 2 x 0,75 mm²
 Cable length 0,6-3 m

Capacity 8 A at 24 V

Order no	Comparative no
9500 990 506	HELLA 8KA 007 589-091



Adapter cable

for adapting normal sockets on cigarette lighter sockets

Standard ISO 4165 (SAE)
 Voltage 24 V
 Cable cross-section 2 x 0,75 mm²
 Cable length 250 mm

Capacity 8 A at 24 V

Type of packaging	Order no	Comparative no
PE bag	0007 589 101	HELLA 8KA 007 589-101
Blister package	0007 589 102	HELLA 8KA 007 589-102



Adapter Socket

for adapting normal sockets on cigarette lighter sockets

Standard ISO 4165
 Length 83 mm
 Inner Ø 21 mm

Capacity 16 A at 12/24 V

Order no	Comparative no
0007 589 131	HELLA 8KA 007 589-131



Adapter cable

Twin adapter

for adapting standard and cigarette lighter sockets on 2 cigarette lighter plugs
 Universal safety plug with 8 A fuse

Standard ISO 4165 (SAE)
 Voltage 12/24 V
 Cable cross-section 2 x 0,75 mm²
 Cable length 120 mm

Capacity 8 A at 24 V

Order no	Comparative no
0008 032 001	HELLA 8JB 008 032-001



Adapter cable

Twin adapter

for adapting standard and cigarette lighter sockets on 2 cigarette lighter plugs
 Universal safety plug with 16 A fuse

Standard ISO 4165 (SAE)
 Voltage 24 V
 Cable cross-section 2 x 0,75 mm²
 Cable length 250 mm

Capacity 2 x 8 A at 24 V

Order no	Comparative no
9501 003 342	HELLA 8JA 007 589-111



Adapter cable

Twin adapter

for adapting standard and cigarette lighter sockets on 2 cigarette lighter plugs

Standard ISO 4165
 Cable cross-section 2 x 0,75 mm²
 Cable length 65 mm

Capacity 16 A at 12/24 V

Order no	Comparative no
0007 589 141	HELLA 8JA 007 589-141



Control device

Battery monitor

for standard socket and cigarette lighter socket, the battery protects against deep discharge by promptly switching off consumption units, such as coolers, seat heating, fans and other mobile 12 V devices at undervoltage, switches back on automatically when operating voltage returns

Standard ISO 4165 (SAE)
 Version with LED-function control and short circuit protection
 Voltage 12/24 V
 Cable cross-section 2 x 0,75 mm²
 Cable length 1 m
 Capacity 8 A at 12 V

Order no	Comparative no
0007 589 121	HELLA 8ES 007 589-121

2-pin plug system certified to ISO 4165



Socket

with lid

Standard	ISO 4165
Connection	Spade connection 6.3 mm
Voltage	12/24 V
Number of poles	2
Load capacity	12 A
Switch board power, max.	2,5 mm

Order no

3131 124 002



Socket

with lid

Standard	ISO 4165
Connection	1 screw connection, ground on housing
Voltage	12/24 V
Number of poles	2

Order no

0001 946 021

Comparative no

HELLA 8JB 001 946-021



Socket

with cover and additional ground plug

Standard	ISO 4165
Connection	2 x spade connections 6.3 mm
Voltage	12/24 V
Number of poles	2
Capacity	8 A at 24 V

Order no

0001 946 051

Comparative no

HELLA 8JB 001 946-051



Socket

with lid

Standard	ISO 4165
Connection	Spade connection 6.3 mm
Voltage	12/24 V
Number of poles	2
Capacity	8 A at 24 V

Order no

0004 777 001

Comparative no

HELLA 8JB 004 777-001



Additional socket

without cover

Standard	ISO 4165
Connection	2 screw connections
Voltage	12/24 V
Number of poles	2
Type	mounting

Capacity 16 A at 24 V

Order no

0004 123 001

Comparative no

HELLA 8JB 004 123-001



Plug

with pulling tool

Standard	ISO 4165
Connection	with screw connection
Voltage	6-24 V
Number of poles	2
Capacity	16 A at 24 V

Order no

3131 124 003



Plug

no strain relief

Standard	ISO 4165
Connection	2 screw connections up to 2.5 mm ²
Voltage	12/24 V
Number of poles	2
Cable Ø	9,2 mm

Capacity 18 A at 24 V

Order no

0002 262 001

Comparative no

Hella 8JA 002 262-001

2-pin plug system certified to DIN 14690

Application:

This plug system is mainly used in fire-fighting vehicles for battery charging.

Advantages of the range:

- Complete assortment consists of plug, socket and adapter box
- Socket and adapter box with undetachable cover

Technical data:

- Operating temperature -40 to +100 °C
- Operating voltage: 6-42 V
- Current: max. 16 A



Socket

for \varnothing 6-8 mm cables, with seal in screw cover and rubber underlay

Standard	DIN 14690
Form	A
Connection	Screw connection
Voltage	6-42 V
Number of poles	2
Type	mounting
Material	light metal

Order no	Comparative no
0002 281 003	HELLA 8JB 002 281-001



Coupling socket

for \varnothing 6-10 mm cables, with cable grommet

Standard	DIN 14690
Form	B
Connection	Screw connection
Voltage	6-42 V
Number of poles	2
Material	light metal

Order no	Comparative no
0002 281 011	HELLA 8JB 002 281-011



Plug

for \varnothing 6-10 mm cables, with cap nut

Standard	DIN 14690
Form	C
Connection	Screw connection
Voltage	12/24 V
Number of poles	2
Material	light metal

Capacity 16 A at 12 V
Capacity 16 A at 24 V

Order no	Comparative no
9260 025 001	HELLA 8JA 001 925-001



Contact pin for 2-pin plug

Standard	DIN 14690
Form	C
Material	light metal

Order no	Comparative no
0748 467 001	HELLA 9MK 748 467-001



Rubber pad

for \varnothing 6-8 mm cables

Order no	Comparative no
0735 641 032	HELLA 9GD 735 641-032

3-pin plug system certified to DIN 9680

Application:

The 3-pin plug system certified to DIN 9680 is used with tractors and agricultural machines for the electrical connection of permanent consumer units, such as mowing equipment, built-on excavators and sweepers, with a power consumption of max. 25 V. This norm does not apply to electrical connections to supply light-related devices (see ISO 1724). The 3-pin plug system without a norm is used to transfer additional functions between the tractor unit and the trailer.

Advantages of the range:

- Simple mounting
- Various connection options (screw and spade connections)
- Robust plastic housing with high mechanical sturdiness

Technical data:

- Operating voltage: 6-24 V
- Current: max. 16 A



Socket

with rubber grommet

Standard	DIN 9680
Connection	Spade connection
Voltage	24 V
Number of poles	3
Length	69 mm
Housing-∅	30 mm

Capacity 16 A at 24 V

Order no	Comparative no
0001 933 011	HELLA 8JB 001 933-011



Plug

for ∅ 8-13 mm cables, with rubber seals

Standard	DIN 9680
Connection	Spade connection
Number of poles	3
Length	72,5 mm

Capacity 16 A at 24 V

Order no	Comparative no
0002 263 012	HELLA 8JA 002 263-011



Socket

with rubber seal in cover

Standard	DIN 9680
Version	3-pin
Connection	Screw connection
Number of poles	3
Length	47 mm
Housing-∅	65 mm

Capacity 16 A at 24 V

Order no	Comparative no
0001 933 001	HELLA 8JB 001 933-031



Plug

for ∅ 6.3-8.3 mm cables, with cap nut

Standard	DIN 9680
Connection	Screw connection
Voltage	24 V
Number of poles	3
Length	87,5 mm

Capacity 16 A at 24 V

Order no	Comparative no
0022 630 310	HELLA 8JA 002 263-031



4-pin plug system certified to DIN 72575

Application:

The 4-pin plug system certified to DIN 72 575 is used to transfer additional functions between the tractor unit and the trailer.

Advantages of the range:

- Simple mounting
- Robust plastic housing with high mechanical sturdiness

Load capacity:

- max. 16 A at 6-24 V (cable cross section 1.5 mm²)
- max. 25 A at 6-24 V (cable cross section 2.5 mm²)



Socket

with rubber seal in cover

Standard	DIN 72575
Connection	Screw connection
Voltage	6-24 V
Material	plastic

Order no

3131 124 037



Socket

for \varnothing 7.2-9 mm cables, with 90° cable outlet, with rubber seal in the cover

Standard	DIN 72575
Connection	Screw connection
Voltage	6-24 V
Number of poles	4
Material	plastic

Capacity 16 A at 24 V (cable cross section 1.5 mm²)
Capacity 25 A at 24 V (cable cross section 2.5 mm²)

Order no

9501 003 202

Comparative no

HELLA 8JB 001 944-011



Plug

with strain relief and rubber grommet

Standard	DIN 72575
Connection	Screw connection
Voltage	6-24 V
Number of poles	4
Material	plastic

Order no

3131 124 036



Plug

with strain relief, for \varnothing 5-9 mm cables

Standard	DIN 72575
Connection	Screw connection
Voltage	6-24 V
Number of poles	4
Material	plastic

Capacity 16 A at 24 V (cable cross section 1.5 mm²)
Capacity 25 A at 24 V (cable cross section 2.5 mm²)

Order no

9501 003 272

Comparative no

HELLA 8JA 001 920-011



Plug connections 12 V

5-pin plug system certified to ISO 1724

Application:

The 5-pin plug system certified to ISO 1724 is used to transfer additional functions between the tractor unit and the trailer.

Advantages of the range:

- Simple mounting
- Robust plastic housing with high mechanical sturdiness

Load capacity:

- max. 16 A at 6-24 V (cable cross section 1.5 mm²)
- max. 25 A at 6-24 V (cable cross section 2.5 mm²)



Socket

with lid

Standard	ISO 1724
Connection	Screw connection
Voltage	12 V
Number of poles	5
Height	58 mm
Housing-∅	72 mm
Material	Metal

Capacity 16 A at 6-24 V (cable cross section 1.5 mm²)
 Capacity 25 A at 6-24 V (cable cross section 2.5 mm²)

Order no	Comparative no
0001 940 001	HELLA 8JB 001 940-001



Plug

with screwed strain relief, for cables up to ∅ 8 mm, with cap nut

Standard	ISO 1724
Connection	Screw connection
Voltage	12 V
Number of poles	5
Material	Metal

Capacity 16 A at 6-24 V (cable cross section 1.5 mm²)
 Capacity 25 A at 6-24 V (cable cross section 2.5 mm²)

Order no	Comparative no
0001 916 001	HELLA 8JA 001 916-001

7-pin plug system certified to ISO 1724 (N-type)

Application:

The 7-pin plug system 12 V certified to ISO 1724/ISO 3732 is the most widely used system for electrical connections between towing vehicle and trailers with 12 V electrical systems. The system is predominantly used for applications with average requirements. It consists of a normal plug connector, type N certified to ISO 1724, and an extra plug connector, type S certified to ISO 3732. The extra system differentiates itself from the normal system with white housing, insert connector and non-interchangeable contact layout.

Advantages of the range:

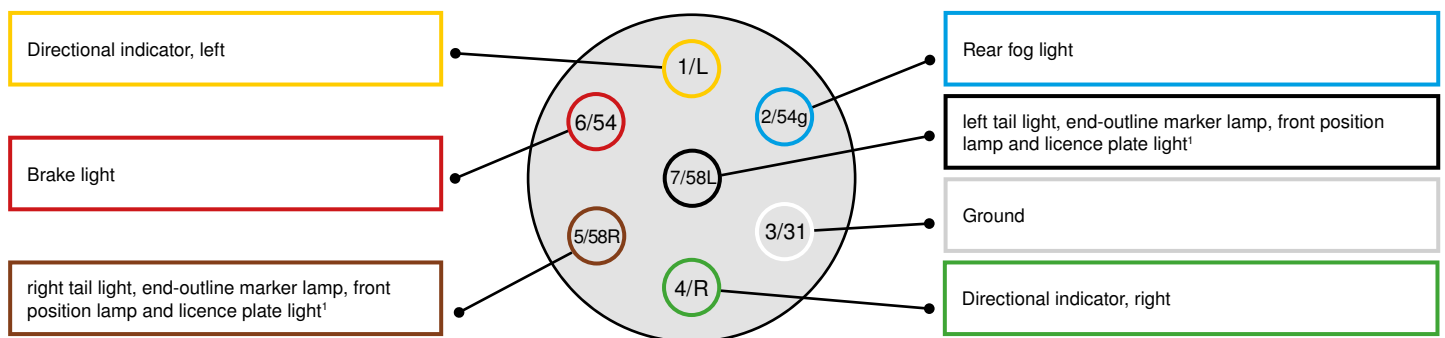
- Cost-effective system for simple applications
- Simple mounting
- Various connection options (screw and spade connections)
- Adapter sockets available
- Sockets available with rear fog light shut-off

Load capacity:

- max. 16 A at 12 V
- Cable cross section: max. 1 x 2.5 mm², max. 2 x 1.5 mm²
- Permissible temperature range: -25 to +70 °C ambient temperature



Assignment plan - Trailer plug and socket device 12 V/7-pin N model ISO 1724



Contact assignment for normal plug-in connector certified to ISO 1724, 12 V, 7-pin N

Contact no.	Function	Cable cross-section	Wire insulation colour
1/L	Directional indicator, left	1,5 mm ²	Yellow
2/54g	Rear fog light	1,5 mm ²	Blue
3/31	Ground	2,5 mm ²	White
4/R	Directional indicator, right	1,5 mm ²	Green
5/58R ¹	right tail light, end-outline marker lamp, front position lamp and licence plate light	1,5 mm ²	Brown
6/54	Brake light	1,5 mm ²	Red
7/58L ¹	left tail light, end-outline marker lamp, front position lamp and licence plate light	1,5 mm ²	Black

¹ The licence plate light must be connected such that no bulb in this light is connected with the two contacts 5 and 7.



Socket

with cover, removable insert connector

Standard	ISO 1724/N-type	Cable cross-section	6 x 1,5 mm ² + 1 x 2,5 mm ²
Connection	Screw connection	Height	44 mm
Voltage	12 V	Housing-∅	72 mm
Number of poles	7	Material	Metal

Capacity 16 A at 12 V



Order no	Comparative no
0001 941 001	HELLA 8JB 001 941-001



This figure corresponds to 0001 943 000

Socket

with cover, removable insert connector

Standard	ISO 1724/N-type
Connection	Threaded connection
Voltage	12 V
Number of poles	7
Cable cross-section	6 x 1,5 mm ² + 1 x 2,5 mm ²
Height	45 mm
Housing-∅	72 mm
Material	plastic

Capacity 16 A at 12 V

Version	Order no	Comparative no
with cap	0001 943 000	HELLA 8JB 001 943-003
with shut-off contact for rear fog light on the motor vehicle	0001 943 011	HELLA 8JB 001 943-011



Socket

with cover, removable insert connector

Standard	ISO 1724/N-type
Connection	female spade connector 6,3 mm
Voltage	12 V
Number of poles	7
Cable cross-section	6 x 1,5 mm ² + 1 x 2,5 mm ²
Height	52 mm
Housing-∅	72 mm
Material	plastic

Capacity 16 A at 12 V

Order no	Comparative no
0006 462 001	HELLA 8JB 006 462-001



Plug socket substrate

for ∅ 8-11 mm cables, with 180° cable outlet

Order no	Comparative no
0735 641 001	HELLA 9GD 735 641-001



Plug socket substrate

for ∅ 8-11 mm cables, with 180° cable outlet

Order no	Comparative no
0735 641 151	HELLA 9GD 735 641-151





This figure corresponds to 0001 918 021

Plug

with strain relief and rubber grommet

Standard ISO 1724/N-type
 Voltage 12 V
 Number of poles 7
 Cable cross-section 6 x 1,5 mm² + 1 x 2,5 mm²
 Material metal
 Capacity 16 A at 12 V

Connection	Order no	Comparative no
Threaded connection	0001 918 021	HELLA 8JA 001 918-021
female spade connector 6.3 mm	0001 918 011	HELLA 8JA 001 918-011



This figure corresponds to 0001 930 003

Plug

with strain relief and rubber grommet

Standard ISO 1724/N-type
 Voltage 12 V
 Number of poles 7
 Cable cross-section 6 x 1,5 mm² + 1 x 2,5 mm²
 Material plastic
 Capacity 16 A at 12 V

Connection	Order no	Comparative no
Threaded connection	0001 930 003	HELLA 8JA 001 930-003
Blade receptacle	0001 930 041	HELLA 8JA 001 930-041



Plug

with strain relief, insert connector and cap nut

Standard ISO 1724/N-type
 Connection Screw connection
 Voltage 12 V
 Number of poles 7
 Cable cross-section 6 x 1,5 mm² + 1 x 2,5 mm²
 Material plastic
 Capacity 16 A at 12 V

Order no	Comparative no
0005 476 002	HELLA 8JA 005 476-002



Socket

with cover, screwed strain relief, suspension device, cap nut and rubber grommet

Standard ISO 1724/N-type
 Connection Screw connection
 Voltage 12 V
 Number of poles 7
 Cable cross-section 6 x 1,5 mm² + 1 x 2,5 mm²
 Material plastic
 Capacity 16 A at 12 V

Order no	Comparative no
0001 939 001	HELLA 8JB 001 939-001



Nozzle

Suitable for 7-pin plug with cap nut

∅	Fig.	Order no	Comparative no
8,5 mm	1	0179 708 042	HELLA 9GD 179 708-042
10,2 mm	2	0179 708 002	HELLA 9GD 179 708-002
13,2 mm	3	0179 708 022	HELLA 9GD 179 708-022
16,2 mm	4	0179 708 012	HELLA 9GD 179 708-012

7-pin plug system certified to ISO 3732 (S-type)

Application:

The 7-pin plug system 12 V certified to ISO 1724/ISO 3732 is the most widely used system for electrical connections between towing vehicle and trailers with 12 V electrical systems. The system is predominantly used for applications with average requirements. It consists of a normal plug connector, type N certified to ISO 1724, and an extra plug connector, type S certified to ISO 3732. The extra system differentiates itself from the normal system with white housing, insert connector and non-interchangeable contact layout.

Advantages of the range:

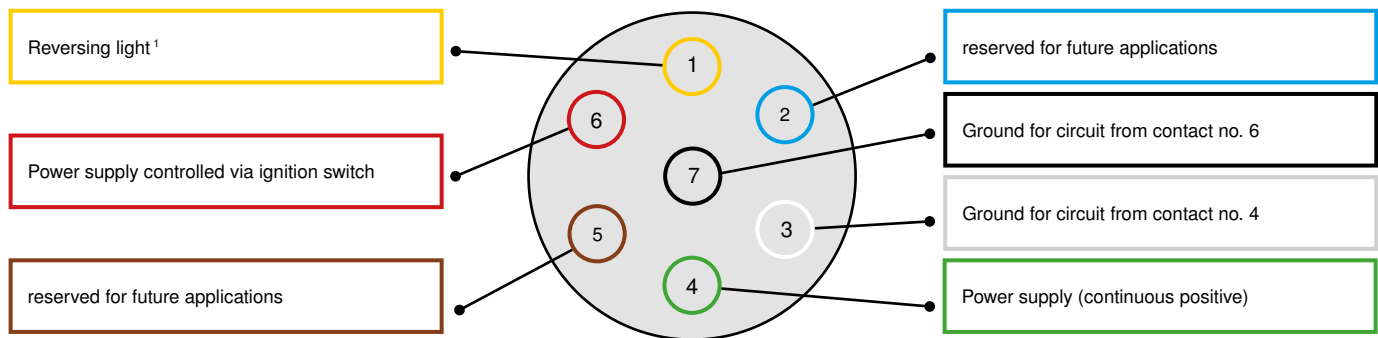
- Cost-effective system for simple applications
- Simple mounting
- Various connection options (screw and spade connections)
- Adapter sockets available
- Sockets available with rear fog light shut-off

Load capacity:

- max. 15 A at 12 V
- Cable cross section: max. 1 x 2.5 mm², max. 2 x 1.5 mm²
- Permissible temperature range: -25 to +70 °C ambient temperature



Assignment plan - Trailer plug and socket device 12 V/7-pin S model ISO 3732



Contact assignment for additional plug-in connector in accordance with ISO 3732, 12 V, 7-pin S

Contact no.	Function	Cable cross-section	Wire insulation colour
1 ¹	Reversing light	1,5 mm ²	
2	reserved for future applications	1,5 mm ²	No cable or
3	Ground for circuit from contact no. 4	2,5 mm ²	
4	Power supply (continuous positive)	2,5 mm ²	
5	reserved for future applications	1,5 mm ²	
6	Power supply controlled via ignition switch	2,5 mm ²	
7	Ground for circuit from contact no. 6	2,5 mm ²	

¹ The ground for this contact is generally contact no. 3 of the plug-in connector, 12 V, 7-pin N, certified to ISO 1724.



Socket

with light grey cover, removable insert connector

Standard	ISO 3732/S-type
Connection	Threaded connection
Voltage	12 V
Number of poles	7
Cable cross-section	3 x 1,5 + 4 x 2,5 mm ²
Height	46 mm
Housing-∅	72 mm
Material	plastic

Capacity 16 A at 12 V

Order no	Comparative no
0001 943 040	HELLA 8JB 001 943-041



This figure corresponds to 0735 641 101

Plug socket substrate

Description	Order no	Comparative no
for ∅ 8-11 mm cables, with 90° cable outlet	0735 641 042	HELLA 9GD 735 641-142
for ∅ 8-11 mm cables, with 180° cable outlet	0735 641 101	HELLA 9GD 735 641-101



Plug

with strain relief and rubber grommet

Standard	ISO 3732/S-type
Connection	Threaded connection
Voltage	12 V
Number of poles	7
Cable cross-section	3 x 1,5 + 4 x 2,5 mm ²
Material	plastic

Capacity 16 A at 12 V

Order no	Comparative no
0001 930 030	HELLA 8JA 001 930-031



Socket

with light grey cover, screwed strain relief, suspension device and rubber grommet

Standard	ISO 3732/S-type
Connection	Screw connection
Voltage	12 V
Number of poles	7
Cable cross-section	3 x 1,5 + 4 x 2,5 mm ²
Material	plastic

Capacity 16 A at 12 V

Order no	Comparative no
0006 464 001	HELLA 8JB 006 464-001

13-pin plug system certified to ISO 11446

Application:

The 13-pin plug system certified to ISO 11446 was developed at the end of the 1980s. Unlike the 7-pole system, the high number of poles enables the transmission of all light and extra functions with just one plug. Because of its advantages, also with regard to water-resistance, stability, contact reliability and user-friendliness thanks to the bayonet lock, the system has been steadily replacing older plug connector generations.

Advantages of the range:

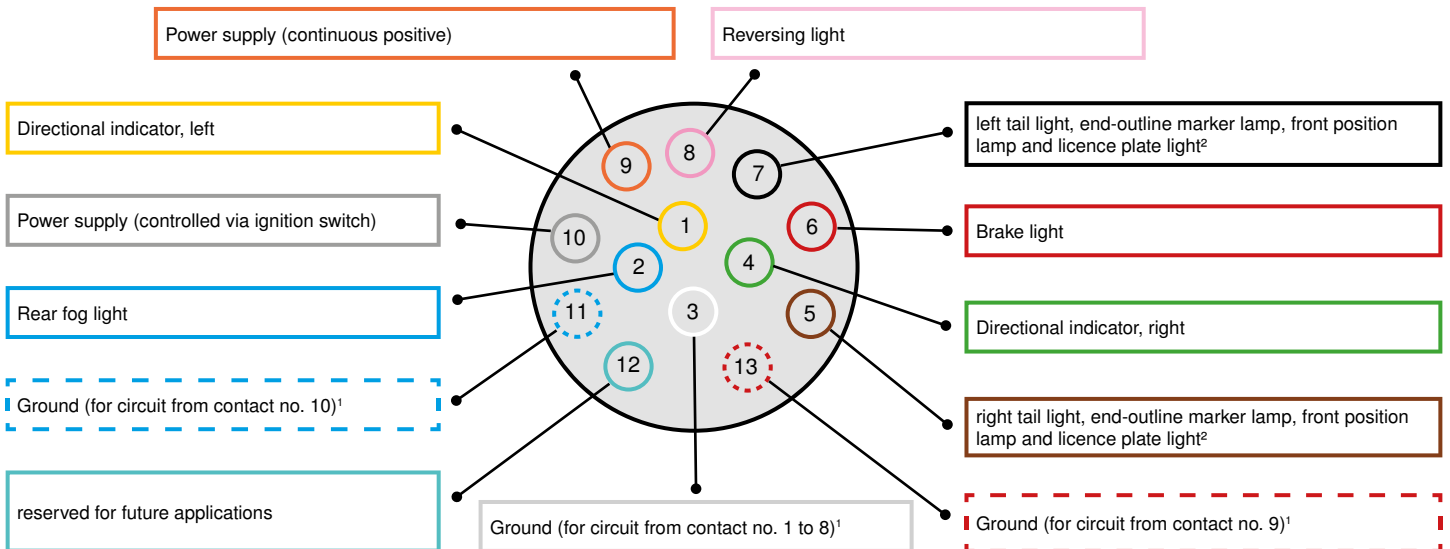
- Easy handling thanks to bayonet lock
- Simple mounting
- Tightness as per protection class IP 54K
- Sockets available with rear fog light shut-off

Load capacity:

- max. 16 A at 6-24 V (cable cross section 1.5 mm²)
- max. 25 A at 6-24 V (cable cross section 2.5 mm²)
- Permissible temperature range: -40 to +85 °C



Assignment plan - Trailer plug and socket device 13-pin certified to ISO 11446



Contact assignment for plug-in connector certified to ISO 446, 12 V, 13-pin

Contact no.	Function	Cable cross-section	Wire insulation colour
1	Directional indicator, left	1,5 mm ²	Yellow
2	Rear fog light	1,5 mm ²	Blue
3 ¹	Ground (for circuit from contact no. 1 to 8)	2,5 mm ²	White
4	Directional indicator, right	1,5 mm ²	Green
5 ²	right tail light, end-outline marker lamp, front position lamp and licence plate light	1,5 mm ²	Brown
6	Brake light	1,5 mm ²	Red
7	left tail light, end-outline marker lamp, front position lamp and licence plate light	1,5 mm ²	Black
8	Reversing light	1,5 mm ²	Pink
9	Power supply (continuous positive)	2,5 mm ²	Orange
10	Power supply (controlled via ignition switch)	2,5 mm ²	Grey
11 ¹	Ground (for circuit from contact no. 10)	2,5 mm ²	Blue
12	reserved for future applications	not specified	not specified
13 ¹	Ground (for circuit from contact no. 9)	2,5 mm ²	Red

¹ The 3 ground lines cannot be electro-conductively connected to the trailer

² The licence plate light must be connected such that no bulb from this device is connected with the two contacts 5 and 7.



Socket

with removable insert connector, rubber underlay and rubber seal in the cover

Standard	ISO 11446
Voltage	12 V
Number of poles	13
Height	49 mm
Housing-∅	72 mm
Material	plastic

Capacity 16 A at 12 V



This figure corresponds to 0005 949 000

Version	Connection	Order no	Comparative no
with lid, rubber base and rubber seal in lid	Threaded connection	0005 949 000	HELLA 8JB 005 949-001
with automatic shut-off for rear fog light on the motor vehicle	Screw connection, extra screw connection	0005 949 010	HELLA 8JB 005 949-011
with shut-off contact for rear fog light on motor vehicle and micro-switch, changer left	Screw connection	0005 949 041	HELLA 8JB 005 949-041



Plug

with strain relief and bayonet connector with cap nut

Standard	ISO 11446
Connection	Screw connection
Voltage	12 V
Number of poles	13
Material	plastic

Order no

3131 124 074



Plug

with rubber seal, cap nut and bayonet lock

Standard	ISO 11446
Connection	Threaded connection
Voltage	12 V
Number of poles	13
Material	plastic

Capacity 16 A at 12 V

Order no

0005 951 000

Comparative no

HELLA 8JA 005 951-001



Plug

with park socket, click version

Standard	ISO 11446
Connection	Screw connection
Voltage	12 V
Number of poles	13
Material	plastic

Plug cannot be re-opened after mounting

Order no

0005 951 041

Comparative no

HELLA 8JA 005 951-041



Parking socket

with blue cover, to protect 13-pin plug when trailer is parked

Standard	ISO 11446
Number of poles	13
Height	49,5 mm
Housing-∅	72 mm

Order no

0005 953 000

Comparative no

HELLA 8HG 005 953-001



Plug connections 24 V

7-pin plug system certified to ISO 1185 (N-type)

Application:

The 7-pin 24-V plug system certified to ISO 1185/ISO 3731 is currently the most widely used system for electronic connection between vehicle and trailer or towing vehicle and trailer in the commercial vehicle segment. The system is predominantly used for applications with average requirements. The system consists of a normal plug connector, type N certified to ISO 1185, and an extra plug connector, type S certified to ISO 3731. The extra system differentiates itself from the normal system with white housing, insert connector and non-interchangeable contact layout.

Advantages of the range:

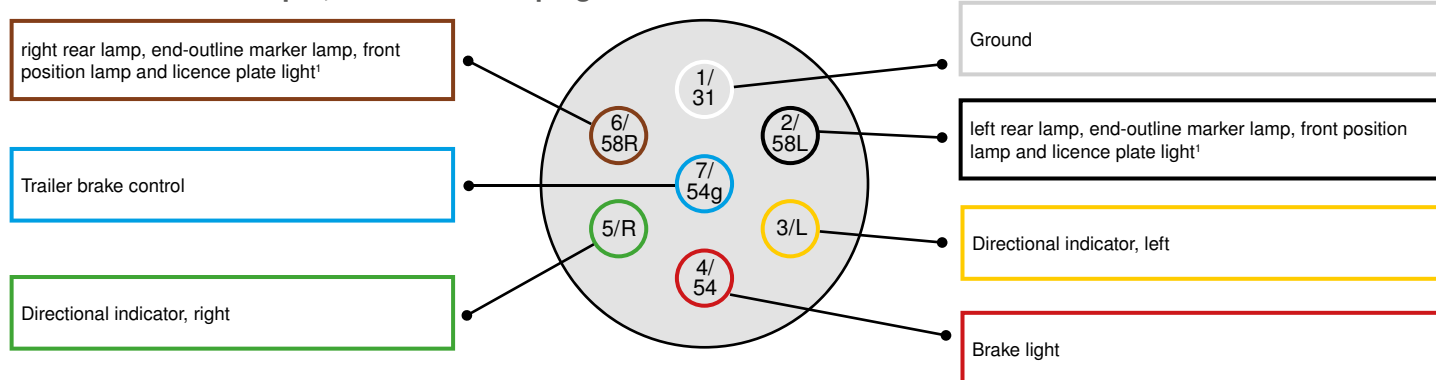
- Cost-effective system for simple applications
- Simple mounting
- Wide range of possible connections (screw-in and flat plug connection)
- Housing components are made of robust materials (aluminium, shatterproof plastic)

Load capacity:

- max. 20 A (with 2.5 mm² cable)
- Max. 15 A (with 1.5 mm² line)
- Permissible temperature range: -25 to +75 °C



Assignment plan - Trailer plug and socket device 24 V/7-pin N-type ISO 1185 31-unit contact/box – pin; 31-unit contact/plug – sleeve



Contact assignment for normal plug-in connections in accordance with ISO 1185, 24 V, 7-pin N

Contact no.	Function	Cable cross-section	Wire insulation colour
1/31	Ground	2,5 mm ²	□
2/58L ¹	left rear lamp, end-outline marker lamp, front position lamp and licence plate light	1,5 mm ²	■
3/L	Directional indicator, left	1,5 mm ²	■
4/54	Brake light	1,5 mm ²	■
5/R	Directional indicator, right	1,5 mm ²	■
6/58R ¹	right rear lamp, end-outline marker lamp, front position lamp and licence plate light	1,5 mm ²	■
7/54g	Trailer brake control	1,5 mm ²	■

¹ The licence plate light must be connected such that no bulb in this device is connected with the two contacts 2 and 6.



Socket

with cover and grommet for \varnothing 9.5-12.5 mm cables

Standard	ISO 1185/N-type
Connection	Threaded connection
Voltage	24 V
Number of poles	7
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²
Material	metal

Order no

3131 124 052



This figure corresponds to 0003 833 001

Socket

with cover and grommet for \varnothing 9.5-12.5 mm cables

Standard	ISO 1185/N-type
Connection	Threaded connection
Voltage	24 V
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²
Material	metal

Capacity 15 A at 24 V

Connection	Number of poles	Order no	Comparative no
Threaded connection	7	0003 833 001	HELLA 8JB 003 833-001
Female spade connector 6,3 mm	7	0003 833 032	HELLA 8JB 003 833-031
Female spade connector 6.3 mm (5 x 2-times/2 x 3-times)	16	0003 833 011	HELLA 8JB 003 833-011



This figure corresponds to 0008 085 001

Socket

with cover and grommet for \varnothing 9.5-12.5 mm cables

Standard	ISO 1185/N-type
Voltage	24 V
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²
Material	plastic

Capacity 15 A at 24 V

Connection	Number of poles	Order no	Comparative no
Threaded connection	7	0008 085 001	HELLA 8JB 008 085-001
Female spade connector 6,3 mm	7	0008 085 021	HELLA 8JB 008 085-021
Female spade connector 6.3 mm (5 x 2-times/2 x 3-times)	16	0008 085 041	HELLA 8JB 008 085-041



Nozzle

for \varnothing 9.5-12.5 mm

Order no	Comparative no
0735 641 012	HELLA 9GT 735 641-012



This figure corresponds to 3131 124 051

Plug

with strain relief and grommet for \varnothing 8-12 mm cables

Standard	ISO 1185/N-type
Connection	Threaded connection
Voltage	24 V
Number of poles	7
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²

Material	Order no
metal	3131 124 053
plastic	3131 124 051





This figure corresponds to 0003 831 001

Plug

with strain relief for \varnothing 9.2-11.5 mm cables, with internal seal and PG-gland

Standard	ISO 1185/N-type
Connection	Threaded connection
Voltage	24 V
Number of poles	7
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²
Material	metal

Capacity 15 A at 24 V

Connection	Order no	Comparative no
Threaded connection	0003 831 001	HELLA 8JA 003 831-001
female spade connector 6,3 mm	0003 831 011	HELLA 8JA 003 831-011



This figure corresponds to 0008 084 001

Plug

with strain relief and grommet for \varnothing 8-12 mm cables

Standard	ISO 1185/N-type
Connection	Threaded connection
Voltage	24 V
Number of poles	7
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²
Material	plastic

Capacity 15 A at 24 V

Connection	Order no	Comparative no
Threaded connection	0008 084 001	HELLA 8JA 008 084-001
Female spade connector 6,3 mm	0008 084 021	HELLA 8JA 008 084-021



7-pin plug system certified to ISO 3731 (S-type)

Application:

The 7-pin 24-V plug system certified to ISO 1185/ISO 3731 is currently the most widely used system for electronic connection between vehicle and trailer or towing vehicle and trailer in the commercial vehicle segment. The system is predominantly used for applications with average requirements. The system consists of a normal plug connector, type N certified to ISO 1185, and an extra plug connector, type S certified to ISO 3731. The extra system differentiates itself from the normal system with white housing, insert connector and non-interchangeable contact layout.

Advantages of the range:

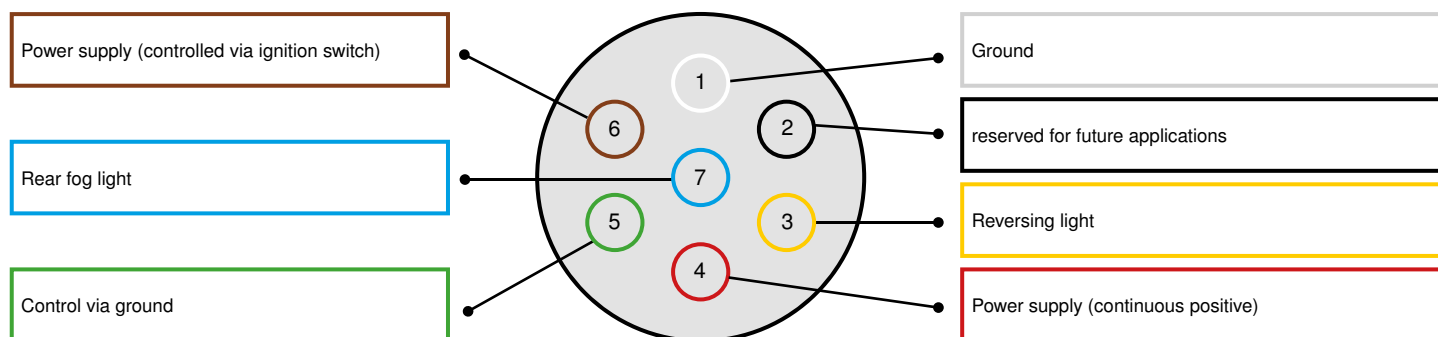
- Cost-effective system for simple applications
- Simple mounting
- Wide range of possible connections (screw-in and flat plug connection)
- Housing components are made of robust materials (aluminium, shatterproof plastic)

Load capacity:

- max. 20 A (with 2.5 mm² cable)
- Max. 15 A (with 1.5 mm² line)
- Permissible temperature range: -25 to +75 °C

Assignment plan - Trailer plug and socket device 24 V/7-pin S-type ISO 3731

31x contact/socket – sleeve; 31x contact/plug – pin



Contact assignment for additional plug-in connections in accordance with ISO 3731, 24 V, 7-pin S

Contact no.	Function	Cable cross-section	Wire insulation colour
1	Ground	2,5 mm ²	White
2	reserved for future applications	1,5 mm ²	Black
3	Reversing light	1,5 mm ²	Yellow
4	Power supply (continuous positive)	2,5 mm ²	Red
5	Control via ground	1,5 mm ²	Green
6	Power supply (switched with ignition switch)	2,5 mm ²	Brown
7	Rear fog light	1,5 mm ²	Blue



Socket

with cover and grommet for Ø 9.5-12.5 mm cables

Standard	ISO 3731/S-type
Connection	Screw connection
Voltage	24 V
Number of poles	7
Cable cross-section	4 x 1,5 + 3 x 2,5 mm ²
Material	Metal

Order no
3131 124 055



This figure corresponds to 0003 834 001

Socket

with cover, for Ø 9.5-12.5 mm cables, with cable grommet

Standard	ISO 3731/S-type
Voltage	24 V
Cable cross-section	4 x 1,5 + 3 x 2,5 mm ²
Material	metal
Capacity	15 A at 24 V

Connection	Number of poles	Order no	Comparative no
Threaded connection	7	0003 834 001	HELLA 8JB 003 834-001
female spade connector 6.3 mm	7	0003 834 031	HELLA 8JB 003 834-031
Female spade connector 6.3 mm (5 x 2-times/2 x 3-times)	16	0003 834 021	HELLA 8JB 003 834-021





This figure corresponds to 0008 085 011

Socket

with cover and grommet for \varnothing 9.5-12.5 mm cables

Standard ISO 3731/S-type
 Voltage 24 V
 Cable cross-section 4 x 1,5 + 3 x 2,5 mm²
 Material plastic
 Capacity 15 A at 24 V

Connection	Number of poles	Order no	Comparative no
Threaded connection	7	0008 085 011	HELLA 8JB 008 085-011
Female spade connector 6,3 mm	7	0008 085 031	HELLA 8JB 008 085-031
Female spade connector 6.3 mm (5 x 2-times/2 x 3-times)	16	0008 085 051	HELLA 8JB 008 085-051



This figure corresponds to 3131 124 054

Plug

with strain relief and grommet for \varnothing 9.5-12.5 mm cables

Standard ISO 3731/S-type
 Connection Screw connection
 Voltage 24 V
 Number of poles 7
 Cable cross-section 4 x 1,5 + 3 x 2,5 mm²

Material	Order no
Metal	3131 124 056
plastic	3131 124 054



This figure corresponds to 0003 832 001

Plug

with strain relief for \varnothing 9.2-11.5 mm cables, with internal seal and PG-gland

Standard ISO 3731/S-type
 Voltage 24 V
 Number of poles 7
 Cable cross-section 4 x 1,5 + 3 x 2,5 mm²
 Material metal

Connection	Order no	Comparative no
Threaded connection	0003 832 001	HELLA 8JA 003 832-001
Female spade connector 6,3 mm	0003 832 011	HELLA 8JA 003 832-011



This figure corresponds to 0008 084 011

Plug

with strain relief and grommet for \varnothing 9.5-12.5 mm cables

Standard ISO 3731/S-type
 Voltage 24 V
 Number of poles 7
 Cable cross-section 4 x 1,5 + 3 x 2,5 mm²
 Material plastic
 Capacity 15 A at 24 V

Connection	Order no	Comparative no
Threaded connection	0008 084 011	HELLA 8JA 008 084-011
Spade connection 6.3 mm	0008 084 031	HELLA 8JA 008 084-031

15-pin plug system certified to ISO 12098

Application:

The 15-pin 24-V plug system certified to ISO 12098 is the modern system for transferring light and extra functions with 24-V electrical systems. The system is used in the original equipment of many leading commercial vehicle manufacturers due to its technical advantages, such as contact certainty and watertightness. The system is increasingly replacing the older 7-pin plug-in connector generations. The plug-in connectors are suitable for GGVS/ADR applications.

Advantages of the range:

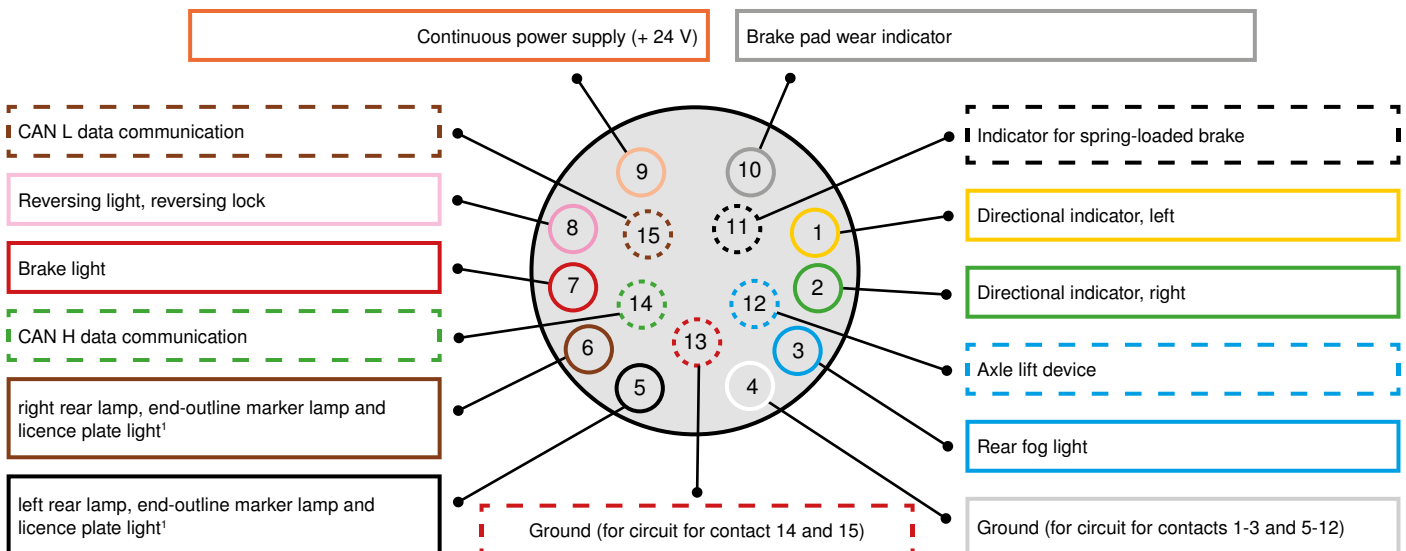
- The system meets the high requirements of modern trailer plug-in connectors in accordance with ISO 4091
- High-quality laminated contacts with crimp connection
- Simple mounting
- Crimp connection for OE applications
- Screw-in connection for replacement part applications

Load capacity:

- max. 16 A at 6-24 V (cable cross section 1.5 mm²)
- max. 25 A at 6-24 V (cable cross section 2.5 mm²)



Assignment plan - Trailer plug and socket device 24 V/15-pin ISO 12098



Contact assignment for plug-in connections in accordance with ISO 12098, 24 V, 15-pin

Contact no.	Function	Cable cross-section	Wire insulation colour
1	Directional indicator, left	1,5 mm ²	Yellow
2	Directional indicator, right	1,5 mm ²	Green
3	Rear fog light	1,5 mm ²	Blue
4	Ground (for circuit from contacts 1-3 and 5-12)	2,5 mm ²	White
5 ¹	left rear lamp, end-outline marker lamp and licence plate light	1,5 mm ²	Black
6 ¹	right rear lamp, end-outline marker lamp and licence plate light	1,5 mm ²	Brown
7	Brake light	1,5 mm ²	Red
8	Reversing light, reversing lock	1,5 mm ²	Pink
9	Continuous power supply (+ 24 V)	2,5 mm ²	Orange
10	Brake pad wear indicator	1,5 mm ²	Grey
11	Indicator for spring-loaded brake	1,5 mm ²	White / Black
12	Axle lift device	1,5 mm ²	White / Blue
13	Ground (for circuit from contact 14 and 15)	2,5 mm ²	White / Red
14	CAN H data communication	1,5 mm ²	White / Green
15	CAN L data communication	1,5 mm ²	White / Brown

¹ The licence plate light must be connected such that no bulb in this light is connected with the two contacts 5 and 6.



This figure corresponds to 3131 124 071

Socket

with cover and strain relief, for Ø 12-18 mm cables, with seal

Standard	ISO 12098
Voltage	24 V
Number of poles	15
Cable cross-section	12 x 1,5 + 3 x 2,5 mm ²
Material	plastic



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Connection	Order no
twisted crimp terminal	3131 124 071
13-times occupied, twisted crimp terminal	3131 124 075



This figure corresponds to 0007 242 011

Socket

with cover, for Ø 12-18 mm cables, nickel-plated contact pins and rubber seals, PG-gland

Standard	ISO 12098
Voltage	24 V
Number of poles	15
Cable cross-section	12 x 1,5 + 3 x 2,5 mm ²
Material	Plastic (PA)

Capacity 16 A at 24 V



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Connection	Order no	Comparative no
Threaded connection	0007 242 011	HELLA 8JB 007 242-011
Crimp/solder connection	0007 242 001	HELLA 8JB 007 242-021



This figure corresponds to 3131 124 072

Plug

with strain relief, anti-kink grommets for Ø 12-18 mm cables and rubber seal

Standard	ISO 12098
Voltage	24 V
Number of poles	15
Cable cross-section	12 x 1,5 + 3 x 2,5 mm ²
Material	plastic



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Connection	Order no
Screw connection	3131 124 072
twisted crimp terminal	3131 124 073



Plug

with strain relief, for Ø 12-18 mm cables, with nickel-plated contact sockets and rubber seals

Standard	ISO 12098
Voltage	24 V
Number of poles	15
Cable cross-section	12 x 1,5 + 3 x 2,5 mm ²
Material	Plastic (PA)

Capacity 16 A at 24 V



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Connection	Order no	Comparative no
Threaded connection	0007 241 022	HELLA 8JA 007 241-021
Crimp/solder connection	0007 241 031	HELLA 8JA 007 241-031



Parking socket for 15-pole 24 V connector

Installation opening Ø 54 mm

Order no	Comparative no
0007 647 001	HELLA 8HG 007 647-001



Crimp solder contact pin set for 24 V socket

Scope of supply
12 x 1.5 mm²
3 x 2.5 mm²

Order no	Comparative no
0726 761 811	HELLA 9MK 726 761-811



Crimp solder contact socket set for 24 V plug

Scope of supply
12 x 1.5 mm²
3 x 2.5 mm²

Order no	Comparative no
0726 758 821	HELLA 9MK 726 758-821

ABS/EBS plug system certified to ISO 7638-1 (24 V) and ISO 7638-2 (12 V)

Application:

The connector system to ISO 7638-1/ISO 7638-2 is used on almost all commercial vehicles with an ABS/EBS system. The plug-in connectors are suitable for GGVS/ADR applications.

Advantages of the range:

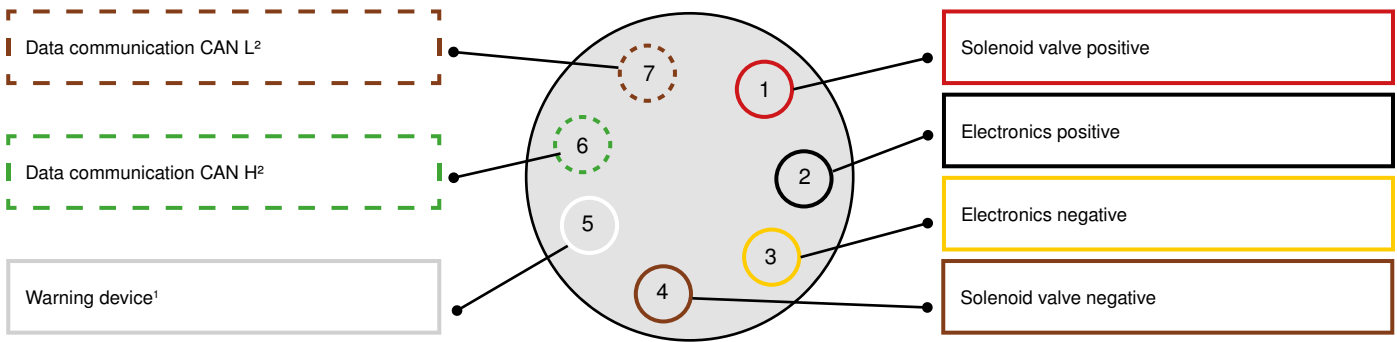
- The system meets the high requirements of modern trailer plug-in connectors in accordance with ISO 4091
- High-quality laminated contacts with crimp connection
- Simple mounting
- Crimp connection for OE applications
- Screw-in connection for replacement part applications

Load capacity:

- Max. 16 A with 24 V (cable cross-section 1.5 mm²)
- Max. 25 A with 24 V (cable cross-section 2.5 mm²)
- Max. 30 A with 24 V (cable cross-section 4-6 mm²)



Assignment plan - Trailer plug and socket device ABS/EBS 24 V/5/7-pin ISO 7638-1



Contact assignment for plug-in connectors certified to ISO 7638-1 ABS/EBS 24 V/5/7-pin

Contact no.	Function	Cable cross-section	Wire insulation colour
1	Solenoid valve positive	4 mm ²	Red
2	Electronics positive	1.5 mm ²	Black
3	Electronics negative	1.5 mm ²	Yellow
4	Solenoid valve negative	4 mm ²	Brown
5 ¹	Warning device	1.5 mm ²	White
6 ²	CAN H data communication	1.5 mm ²	Green
7 ²	CAN L data communication	1.5 mm ²	Brown

¹ The warning device is actuated via contact no. 5. The circuit for this contact in the trailer is open during normal operating conditions.

² In accordance with ISO 11992-1 and ISO 11992-2.



EBS socket

with strain relief, for \varnothing 11-15 mm cables

Standard	ISO 7638-1
Connection	twisted crimp terminal
Voltage	24 V
Number of poles	7
Cable cross-section	5 x 1,5 + 2 x 4 mm ²
Material	plastic



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Order no
3131 124 057



This figure corresponds to 9501 241 320

ABS/EBS socket

with cover, for \varnothing 9-16 mm cables, rubber seals, nickel-plated contact pins, rubber seals and PG-gland

Standard	ISO 7638-1
Voltage	24 V
Number of poles	5/7
Cable cross-section	3/5 x 1,5 + 2 x 6/4 mm ²
Material	Plastic (PA)

Capacity 16 A at 24 V



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Connection	Order no	Comparative no
Threaded connection	0007 645 031	HELLA 8JB 007 645-031
Crimp/solder connection	9501 241 320	HELLA 8JB 007 645-021



This figure corresponds to 3131 124 058

EBS plug

with strain relief and anti-kink grommets for \varnothing 9-16 mm cables

Standard	ISO 7638-1
Voltage	24 V
Number of poles	7
Cable cross-section	5 x 1 + 2 x 4 mm ²
Material	plastic



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Connection	Order no
twisted screw connection	3131 124 058
twisted crimp terminal	3131 124 059



This figure corresponds to 0007 644 051

ABS/EBS plug

with strain relief, for \varnothing 11-13 mm cables, with nickel-plated contact sockets and rubber seals

Standard	ISO 7638-1
Voltage	24 V
Number of poles	5/7
Cable cross-section	3/5 x 1,5 + 2 x 6/4 mm ²
Material	Plastic (PA)

Capacity 16 A at 24 V



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Connection	Order no	Comparative no
Threaded connection	0007 644 051	HELLA 8JA 007 644-051
Crimp/solder connection	0007 644 041	HELLA 8JA 007 644-041



ABS socket

for \varnothing 9-16 mm cables, with nickel-plated contacts, rubber seal and PG-gland

Standard	ISO 7638-2
Connection	Screw connection
Voltage	12 V
Number of poles	5
Cable cross-section	3 x 1,5 + 2 x 6 mm ²
Material	Plastic (PA)

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS / ADR)

Order no	Comparative no
0011 895 001	HELLA 8JB 011 895-001





ABS connector

with strain relief, for \varnothing 11-13 mm cables, with nickel-plated contact sockets and rubber seal

Standard	ISO 7638-2
Connection	Screw connection
Voltage	12 V
Number of poles	5
Cable cross-section	3 x 1,5 + 2 x 6 mm ²
Material	Plastic (PA)



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Order no	Comparative no
9501 241 384	HELLA 8JA 011 896-001



Parking socket for 15-pin 24 V ABS/EBS-plug

Installation opening \varnothing 54 mm

Order no	Comparative no
0007 647 001	HELLA 8HG 007 647-001



Crimp solder contact pin set for 24 V socket

Scope of supply
5 x 1.5 mm²
2 x 4 mm²
2 x 6 mm²
2 x blanking plug

Order no	Comparative no
0726 762 831	HELLA 9MK 726 762-831



Crimp solder contact socket set for 24 V socket

Scope of supply
5 x 1.5 mm²
2 x 4 mm²
2 x 6 mm²
2 x blanking plug

Order no	Comparative no
0726 759 831	HELLA 9MK 726 759-831



Adapter 12/24 V

Application:

- Adapter for 13-pin socket (ISO 11 446) on towing vehicle to a 7-pin plug (ISO 1724) on the trailer cable
- Adapter for 7-pin socket (ISO 1724) on towing vehicle to a 13-pin plug (ISO 446) on the trailer cable
- 7-pin connection cable (ISO 1724)
- UK short adapter for 13-pin socket (ISO 11 446) on towing vehicle to a 7-pin plug (ISO 1724 + ISO 3732) on the trailer cables
- Adapter cable 24 V from 15-pin socket (ISO 12098) on towing vehicle to two 7-pin sockets (ISO 1185 + ISO 3731) on trailer
- Adapter cable available in two lengths, longer lengths available on request



Short adapter socket

From 15-pin socket (ISO 12098) on the truck to two 7-pin connectors (ISO 1185 + ISO 3731) on the trailer

Standard	ISO 12098 to ISO 1185-N/ISO 3731-S
Number of poles	15-7/7
Voltage	24 V
Length	154 mm
Material	Polyamide (PA)

Capacity 16 A at 24 V

Order no	Comparative no
0005 952 061	HELLA 8JA 005 952-061



This figure corresponds to 3131 124 205

Adapter cable

from 15-pin plug (ISO 12098) on towing vehicle to two 7-pin sockets (ISO 1185/N-type + ISO 3731/S-type) on trailer

Standard	ISO 12098 to ISO 1185-N/ISO 3731-S
Number of poles	15-7/7
Voltage	24 V
Working length	4000 mm
Outer Ø	40 mm
Number of turns	40
Material	Polyurethane (PUR)

Version	Order no
9-way contact assignment	3131 124 205
13-way contact assignment	3131 124 204



Adapter cable

from 15-pin socket (ISO 12098) on towing vehicle to two 7-pin sockets (ISO 1185 + ISO 3731) on trailer

Standard	ISO 12098 to ISO 1185-N/ISO 3731-S
Number of poles	15-7/7
Voltage	24 V
Outer Ø	48 mm
Material	Polyurethane (PUR)

Working length, max.	Order no	Comparative no
3500 mm	0005 952 101	HELLA 8JA 005 952-101
4000 mm	0005 952 081	HELLA 8JA 005 952-081



Adapter cable

from 15-pin socket (ISO 12098) on towing vehicle to two 7-pin sockets (ISO 1185 + ISO 3731) on trailer

Standard	ISO 12098 to ISO 1185-N/ISO 3731-S
Number of poles	15-7/7
Voltage	24 V
Outer Ø	50 mm
Material	Polyurethane (PUR)

Working length, max.	Order no	Comparative no
3500 mm	0005 952 111	HELLA 8JA 005 952-111
4000 mm	0005 952 041	HELLA 8JA 005 952-041

Coiled cables 12/24 V

Application:

Coiled connection cables are used for the electrical connection between trucks and trailers in the commercial vehicle sector.

Advantages of the range:

- Wide range for all current applications
- Cable sheathing in polyurethane or hyrtel
- Extremely cold-, heat- and weather-resistant
- High resistance to oils and chemicals
- Very flexible
- Outstanding resilience
- 7-pin connector made of metal or plastic



12 V



This figure corresponds to 3131 124 500



Helical cable

Standard	ISO 1724/N-type
Number of poles	7
Voltage	12 V
Cross-section	6 x 1,0 + 1 x 1,5 mm ²
Material	Polyurethane (PUR)

Version	Working length	Outer ∅	Inner ∅	Order no
with plastic connectors	4000 mm	47 mm	30 mm	3131 124 500
with metal connectors	4500 mm	40 mm	20 mm	3131 124 501



Helical cable

with screwed metal connectors

Standard	ISO 1724/N-type
Number of poles	7
Voltage	12 V
Version	with 2 screwed-on metal connectors (ISO 1724)
Working length	4000 mm
Cross-section	6 x 1,0 + 1 x 1,5 mm ²
Material	Polyurethane (PUR)

Order no	Comparative no
0004 797 021	HELLA 8KA 004 797-021



Coupling cable

with screwed plastic connectors

Standard	ISO 1724/N-type
Number of poles	7
Voltage	12 V
Length	3000 mm
Cross-section	6 x 1,0 mm ² + 1 x 1,5 mm ²
Material	PVC

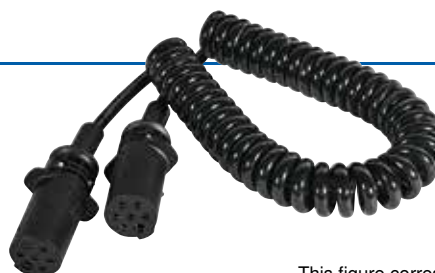
Order no	Comparative no
0002 185 001	HELLA 8KA 002 185-061

24 V



Helical cable

Standard ISO 1185/N-type
 Number of poles 7
 Voltage 24 V
 Cross-section 6 x 1,0 + 1 x 1,5 mm²
 Outer ∅ 40 mm
 Inner ∅ 20 mm
 Material Polyurethane (PUR)



This figure corresponds to 3131 124 201

Version	Working length	Number of turns	Order no
with plastic connectors	4000 mm	40	3131 124 201
with metal connectors	5500 mm	60	3131 124 203



Helical cable

Standard ISO 1185/N-type
 Number of poles 7
 Voltage 24 V
 Material Polyurethane (PUR)



This figure corresponds to 3131 124 200

Version	Working length	Cross-section	Outer ∅	Inner ∅	Number of turns	Order no
with plastic connectors	3000 mm	6 x 1,0 + 1 x 1,5 mm ²	47 mm	30 mm	27	3131 124 200
with plastic connectors	4000 mm	6 x 1,0 + 1 x 1,25 mm ²	40 mm	20 mm	40	3131 124 207
with plastic connectors	4000 mm	6 x 1,5 + 1 x 2,5 mm ²	90 mm	70 mm	20	3131 124 303
with metal connectors	4000 mm	6 x 1,0 + 1 x 1,5 mm ²	40 mm	20 mm	40	3131 124 202



Helical cable

with 2 extruded plastic connectors and anti-kink protection, water-tight power output (IP X9K)

Standard ISO 1185/N-type
 Number of poles 7
 Voltage 24 V
 Working length, max. 4000 mm
 Cross-section 6 x 1 + 1 x 1,5 mm²
 Material Polyurethane (PUR)

Order no	Comparative no
0004 797 011	HELLA 8KA 004 797-031



Helical cable

with 2 screwed-on plastic connectors and kink-protection grommets

Standard ISO 1185/N-type
 Number of poles 7
 Voltage 24 V
 Version with black anti-knick protection
 Working length, max. 4000 mm
 Cross-section 6 x 1,0 + 1 x 1,5 mm²
 Material Polyurethane (PUR)

Order no	Comparative no
0004 797 041	HELLA 8KA 004 797-041



Helical cable

with 2 screwed-on plastic connectors and anti-kink grommets

Standard	ISO 1185/N-type
Number of poles	7
Voltage	24 V
Working length, max.	3500 mm
Cross-section	6 x 1,0 + 1 x 1,5 mm ²
Material	Polyurethane (PUR)

Order no	Comparative no
0004 797 141	HELLA 8KA 004 797-141



Helical cable

with 2 screwed-on metal connectors, metal anti-kink protection and suspension bracket

Standard	ISO 1185/N-type
Number of poles	7
Voltage	24 V
Working length, max.	4000 mm
Cross-section	6 x 1 + 1 x 1,5 mm ²
Material	Polyurethane (PUR)

Order no	Comparative no
0004 797 101	HELLA 8KA 004 797-101



Helical cable

with 2 screwed metal connectors

Standard	ISO 1185/N-type
Number of poles	7
Voltage	24 V
Working length, max.	4000 mm
Cross-section	6 x 1 + 1 x 1,5 mm ²
Material	Polyurethane (PUR)

Order no	Comparative no
0004 797 071	HELLA 8KA 004 797-071



Helical cable

with 2 screwed metal plugs, without bend protection

Standard	ISO 1185/N-type on 1724/N-type
Number of poles	7
Voltage	12/24 V
Version	with white plastic connectors
Working length	3500 mm
Cross-section	6 x 1,0 + 1 x 1,5 mm ²
Outer Ø	47 mm
Inner Ø	29 mm
Number of turns	33
Material	Polyurethane (PUR)

Order no
3131 124 208

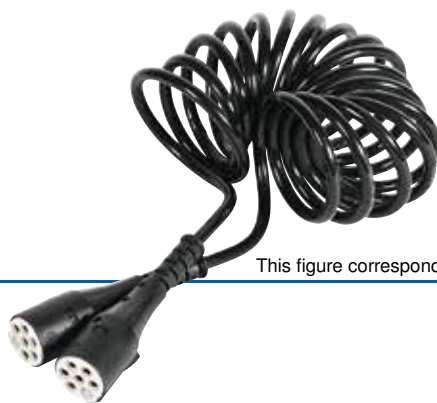


Helical cable

with 2 screwed metal connectors

Standard	ISO 1185/N-type on ISO 1724/N-type
Number of poles	7
Voltage	12/24 V
Cross-section	6 x 1,0 + 1 x 1,5 mm ²
Outer Ø	48 mm
Material	Polyurethane (PUR)

Order no	Comparative no
0007 648 061	HELLA 8KA 007 648-061



This figure corresponds to 3131 124 304

Helical cable

Standard ISO 3731/S-type
 Voltage 24 V
 Number of poles 7
 Cross-section 6 x 1,0 + 1 x 1,5 mm²
 Material Polyurethane (PUR)

Version	Working length	Outer ∅	Inner ∅	Number of turns	Order no
with plastic connectors	4000 mm	90 mm	70 mm	20	3131 124 304
with plastic connectors	4000 mm	40 mm	20 mm	41	3131 124 301
with metal connectors	5500 mm	40 mm	20 mm	41	3131 124 306



This figure corresponds to 3131 124 300

Helical cable

Standard ISO 3731/S-type
 Number of poles 7
 Voltage 24 V
 Material Polyurethane (PUR)

Version	Working length	Cross-section	Outer ∅	Inner ∅	Number of turns	Order no
with white plastic connectors	3000 mm	6 x 1,0 + 1 x 1,5 mm ²	47 mm	30 mm	27	3131 124 300
with plastic connectors	4000 mm	6 x 1,0 + 1 x 1,25 mm ²	40 mm	20 mm	40	3131 124 305
with metal connectors	4000 mm	6 x 1,0 + 1 x 1,5 mm ²	40 mm	20 mm	40	3131 124 302



Helical cable

with 2 screwed-on plastic connectors and anti-kink grommets

Standard ISO 3731/S-type
 Number of poles 7
 Voltage 24 V
 Version with yellow anti-kink protection
 Working length, max. 4000 mm
 Cross-section 6 x 1,0 + 1 x 1,5 mm²
 Material Polyurethane (PUR)

Order no	Comparative no
0004 797 051	HELLA 8KA 004 797-051



Helical cable

with 2 screwed-on plastic connectors and anti-kink grommets

Standard ISO 3731/S-type
 Number of poles 7
 Voltage 24 V
 Working length, max. 3500 mm
 Cross-section 6 x 1,0 + 1 x 1,5 mm²
 Material Polyurethane (PUR)

Order no	Comparative no
0004 797 151	HELLA 8KA 004 797-151



Helical cable

with 2 extruded plastic connectors and anti-kink protection, water-tight power output (IP X9K)

Standard	ISO 3731/S-type
Number of poles	7
Voltage	24 V
Working length, max.	4000 mm
Cross-section	6 x 1 + 1 x 1,5 mm ²
Material	Polyurethane (PUR)

Order no	Comparative no
0007 965 011	HELLA 8KA 007 965-011



Helical cable

with 2 screwed metal connectors

Standard	ISO 3731/S-type
Number of poles	7
Voltage	24 V
Working length	4000 mm
Cross-section	6 x 1 + 1 x 1,5 mm ²
Material	Polyurethane (PUR)

Order no	Comparative no
0004 797 081	HELLA 8KA 004 797-081



Helical cable

with 2 screwed-on metal connectors, metal anti-kink protection and suspension bracket

Standard	ISO 3731/S-type
Number of poles	7
Voltage	24 V
Working length	4000 mm
Cross-section	6 x 1 + 1 x 1,5 mm ²
Material	Polyurethane (PUR)

Order no	Comparative no
0004 797 112	HELLA 8KA 004 797-111



This figure corresponds to 0007 648 001

ABS helical cable

with 2 mounted ABS-plugs and anti-kink grommets

Standard	ISO 7638-1
Number of poles	5
Voltage	24 V
Cross-section	3 x 1,5 + 2 x 4,0 mm ²



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Working length	Material	Order no	Comparative no
3500 mm	Polyurethane (PUR)	0007 648 071	HELLA 8KA 007 648-071
4000 mm	Polyurethane (PUR)	0007 648 011	HELLA 8KA 007 648-011
4000 mm	Hytrel	0007 648 001	HELLA 8KA 007 648-001



EBS helical cable

with 2 x 7-pin EBS connectors and anti-kink protection

Standard	ISO 7638-1
Number of poles	7
Voltage	24 V
Version	with 2 x 7-pin EBS connectors and anti-kink protection
Working length	4000 mm
Cross-section	5 x 1,5 + 2 x 4 mm ²
Outer ∅	54 mm
Material	Polyurethane (PUR)

for vehicles approved in accordance with GGVS/ADR



Order no
3131 124 601





EBS helical cable

with 2 assembled EBS connectors and anti-kink grommets

Standard	ISO 7638-1
Number of poles	7
Voltage	24 V
Cross-section	5 x 1,5 + 2 x 4,0 mm ²

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Working length, max.	Material	Order no	Comparative no
3500 mm	Polyurethane (PUR)	0007 648 081	HELLA 8KA 007 648-081
4000 mm	Polyurethane (PUR)	0007 648 032	HELLA 8KA 007 648-031
4000 mm	Hytrel	0007 648 021	HELLA 8KA 007 648-021



This figure corresponds to 3131 124 401

Helical cable

Standard	ISO 12098
Voltage	24 V
Working length	4000 mm
Outer Ø	60 mm
Inner Ø	30 mm
Number of turns	29
Material	Polyurethane (PUR)

Number of poles	Version	Cross-section	Order no
13	with plastic connectors	10 x 1,5 + 3 x 2,5 mm ²	3131 124 400
15	with plastic connectors and blue anti-kink protection	12 x 1,5 + 3 x 2,5 mm ²	3131 124 401



Helical cable

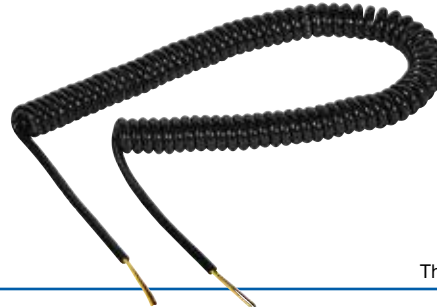
with 2 installed plastic connectors and blue kink-protection grommets

Standard	ISO 12098
Number of poles	15
Voltage	24 V
Cross-section	12 x 1,5 + 3 x 2,5 mm ²
Outer Ø	60 mm

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Working length, max.	Material	Order no	Comparative no
3500 mm	Polyurethane (PUR)	0007 648 091	HELLA 8KA 007 648-091
4000 mm	Polyurethane (PUR)	0007 648 051	HELLA 8KA 007 648-051
4000 mm	Hytrel	0007 648 041	HELLA 8KA 007 648-041

Electric coiled accessories 12/24 V

This figure corresponds to 3131 124 100

Helical cable

Version without connector
 Material Polyurethane (PUR)

Number of poles	Voltage	Working length	Cross-section	Outer \varnothing	Inner \varnothing	Number of turns	Colour	Order no
2	12/24 V	3000 mm	2 x 1,0 mm ²	22 mm	10 mm	78	black	3131 124 100
2	24 V	4000 mm	2 x 35 mm ²	65 mm	40 mm	2 x 27	red/black	3131 124 104
3	12/24 V	3500 mm	3 x 1,0 mm ²	35 mm	20 mm	32	black	3131 124 101
7	12/24 V	3500 mm	6 x 1,0 + 1 x 1,5 mm ²	47 mm	30 mm	33	black	3131 124 103
7	12/24 V	3500 mm	6 x 1,0 + 1 x 1,5 mm ²	90 mm	70 mm	20	black	3131 124 102

**Helical cable**

Number of poles 2
 Voltage 24 V
 Version with 2 connectors
 Working length 4000 mm
 Cross-section 2 x 35 mm²
 Outer \varnothing 65 mm
 Inner \varnothing 40 mm
 Number of turns 2 x 27
 Material Polyurethane (PUR)

Order no

3131 124 700

Test plug 12/24 V

Application:

- Test plug for 7-pin sockets (ISO 1724) and 13-pin sockets (ISO 11446)
- Test plug for coiled connection cables (ISO 1185)
- Test plug for testing ABS-sockets



Test plug

for testing 7-pin sockets 12 V (ISO 1724), function display with LEDs

Voltage 12 V
Number of poles 7

Order no	Comparative no
0004 508 001	HELLA 8PD 004 508-001



Test plug

for testing 13-pin sockets 12 V (ISO 11446), function display with LEDs

Voltage 12 V
Number of poles 13

Order no	Comparative no
0007 216 001	HELLA 8PD 007 216-001





Test plug

for testing 7-pin sockets certified to ISO 1185, standard model

Voltage 24 V
Length 81 mm

Order no	Comparative no
0004 508 011	HELLA 8PD 004 508-011



Test plug

for testing coiled connection cables certified to ISO 1185, standard model

Voltage 24 V
Length 89 mm

Order no	Comparative no
0004 508 021	HELLA 8PD 004 508-021



Test device

for testing ABS-sockets

Voltage 24 V
Length 110 mm



Order no	Comparative no
0004 508 031	HELLA 8PD 004 508-031



Automotive cables (by the metre)

Application:

Cables are required everywhere in a vehicle where electric current flows from A to B. Their design, size, material and version are determined by the requirements to be met in terms of voltage, current and frequency, and by the ambient conditions to which the cable is exposed.

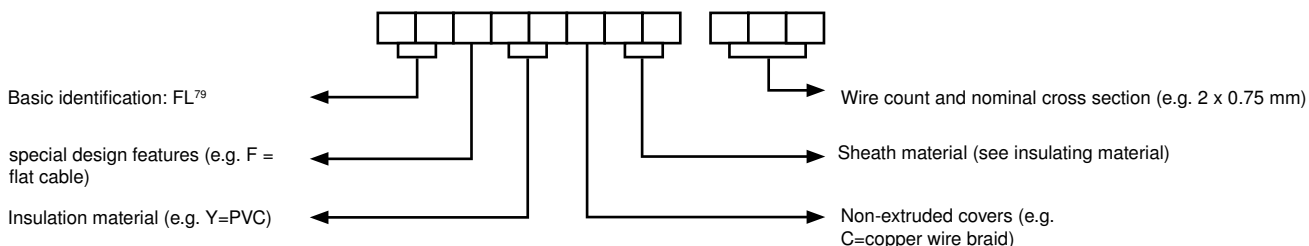
Advantages of the range:

- Vehicle cables in accordance with ISO 6722
- Wide range for numerous possible uses



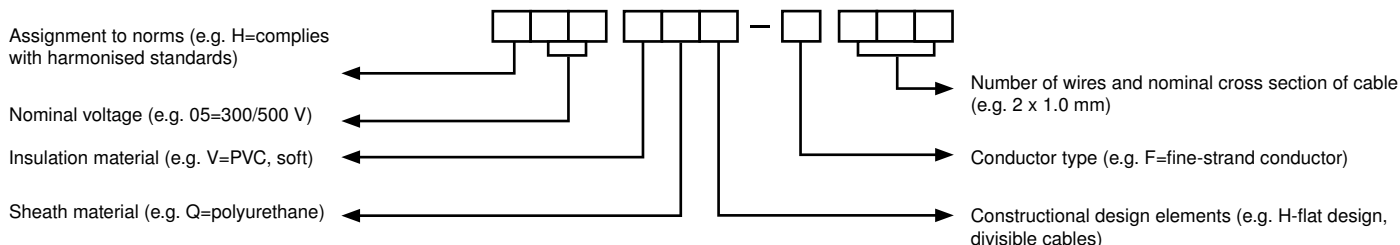
Short designations of vehicle cables

Depiction of the coding certified to DIN 7672278



1. block (basic identification)		2. block (design features)		3. block (insulating material and sheath material)	
FL	Vehicle cable	F	Flat cable	Y	PVC
		R	Reduced wall thickness	X	PVC-X (X=networked)
		Z	Multi-wire detachable cable	11Y	PUR

Illustration of the coding in accordance with DIN VDE 0292



1. block (standard assignment)		2. block (rated voltage)		3. block (insulating material and sheath material)		4. block (conductor type)	
H	harmonised	1	100/100 V	V	PVC, soft	F	fine-strand conductor of a flexible cable (flexibility complies with EN 60228)
A	not harmonised, national	3	300/300 V	R	Ethylene-propylene rubber or similar synthetic elastomer		
		5	300/500 V				
		7	450/750 V	N2	Special polychlorophene rubber mixture for covering of weld cables in accordance with HD 22.6	D	fine-strand conductor for weld cables certified to HD 22.6



Vehicle cable

FLY, DIN/ISO 6722

Design: bare, soft annealed Cu-wires, insulating cover made from thermoplastic polymer (PVC)

Cross-section 0,75 mm²

Version single wire

Application range

for lighting, signal units and electrical accessories



Core colour	Metres per coil	Order no	Comparative no	Metres per ring	Order no	Comparative no
■	100 m	0054 001 002	HELLA 8KL 054 001-002	50 m	0712 929 001	HELLA 8KL 712 929-001
□	100 m	0054 002 002	HELLA 8KL 054 002-002	50 m	0712 930 001	HELLA 8KL 712 930-001
■	100 m	0054 003 002	HELLA 8KL 054 003-002	50 m	0712 931 001	HELLA 8KL 712 931-001
■				50 m	0712 929 011	HELLA 8KL 712 929-011
■	100 m	0054 004 002	HELLA 8KL 054 004-002	50 m	0712 932 001	HELLA 8KL 712 932-001
■	100 m	0054 005 002	HELLA 8KL 054 005-002	50 m	0712 933 001	HELLA 8KL 712 933-001
■	100 m	0054 006 002	HELLA 8KL 054 006-002	50 m	0712 934 001	HELLA 8KL 712 934-001
■	100 m	0054 007 002	HELLA 8KL 054 007-002	50 m	0712 935 001	HELLA 8KL 712 935-001





Vehicle cable

FLY, DIN/ISO 6722

Design: bare, soft annealed Cu-wires, insulating cover made from thermoplastic polymer (PVC)

Cross-section 1 mm²

Version single wire

Application range

for lighting, signal units and electrical accessories



Core colour	Metres per coil	Order no	Comparative no	Metres per ring	Order no	Comparative no
■	100 m	0054 008 002	HELLA 8KL 054 008-002	50 m	0712 936 001	HELLA 8KL 712 936-001
□	100 m	0054 009 002	HELLA 8KL 054 009-002	50 m	0712 937 001	HELLA 8KL 712 937-001
■	100 m	0054 010 002	HELLA 8KL 054 010-002	50 m	0712 938 001	HELLA 8KL 712 938-001
■	100 m	0054 011 002	HELLA 8KL 054 011-002	50 m	0712 939 001	HELLA 8KL 712 939-001
■	100 m	0054 012 002	HELLA 8KL 054 012-002	50 m	0712 940 001	HELLA 8KL 712 940-001
■	100 m	0054 013 002	HELLA 8KL 054 013-002	50 m	0712 941 001	HELLA 8KL 712 941-001
■	100 m	0054 014 002	HELLA 8KL 054 014-002	50 m	0712 942 001	HELLA 8KL 712 942-001



Vehicle cable

FLY, DIN/ISO 6722

Design: bare, soft annealed Cu-wires, insulating cover made from thermoplastic polymer (PVC)

Cross-section 1,5 mm²

Version single wire

Application range

for lighting, signal units and electrical accessories



Core colour	Metres per coil	Order no	Comparative no	Metres per ring	Order no	Comparative no
■	100 m	0712 943 002	HELLA 8KL 712 943-002	50 m	0712 943 001	HELLA 8KL 712 943-001
□	100 m	0712 944 002	HELLA 8KL 712 944-002	50 m	0712 944 001	HELLA 8KL 712 944-001
■	100 m	0712 945 002	HELLA 8KL 712 945-002	50 m	0712 945 001	HELLA 8KL 712 945-001
■	100 m	0712 946 002	HELLA 8KL 712 946-002	50 m	0712 946 001	HELLA 8KL 712 946-001
■	100 m	0712 947 002	HELLA 8KL 712 947-002	50 m	0712 947 001	HELLA 8KL 712 947-001
■	100 m	0712 948 002	HELLA 8KL 712 948-002	50 m	0712 948 001	HELLA 8KL 712 948-001
■	100 m	0712 949 002	HELLA 8KL 712 949-002	50 m	0712 949 001	HELLA 8KL 712 949-001
■ / ■				50 m	0717 460 001	HELLA 8KL 717 460-001
■ / ■				50 m	0717 461 001	HELLA 8KL 717 461-001
■ / □				50 m	0717 462 001	HELLA 8KL 717 462-001
■ / ■				50 m	0717 463 001	HELLA 8KL 717 463-001
■ / ■				50 m	0717 464 001	HELLA 8KL 717 464-001



Vehicle cable

FLY, DIN/ISO 6722

Design: bare, soft annealed Cu-wires, insulating cover made from thermoplastic polymer (PVC)

Cross-section 2,5 mm²

Version single wire

Application range

for lighting, signal units and electrical accessories



Core colour	Metres per coil	Order no	Comparative no	Metres per ring	Order no	Comparative no
■	50 m	0712 952 002	HELLA 8KL 712 952-002	50 m	0712 952 001	HELLA 8 KL 712 952-001
□	50 m	0712 953 001	HELLA 8KL 712 953-002	50 m	0712 953 002	HELLA 8KL 712 953-001
■	50 m	0712 954 002	HELLA 8KL 712 954-002			
■	50 m	0712 955 002	HELLA 8KL 712 955-002	50 m	0712 955 001	HELLA 8KL 712 955-001
■	50 m	0712 956 002	HELLA 8KL 712 956-002			
■	50 m	0712 957 002	HELLA 8KL 712 957-002	50 m	0712 957 001	HELLA 8KL 712 957-001
■	50 m	0712 958 002	HELLA 8KL 712 958-002	50 m	0712 958 001	HELLA 8KL 712 958-001
■	50 m	0712 959 002	HELLA 8KL 712 959-002	50 m	0712 959 001	HELLA 8KL 712 959-001



Vehicle cable

FLY, DIN/ISO 6722

structure: bright soft annealed copper wires, thermoplastic insulating sleeve (PVC)

Cross-section 4 mm²

Version single wire

Application range

for lighting, signal units and electrical accessories



Core colour	Metres per coil	Order no	Comparative no	Metres per ring	Order no	Comparative no
■				50 m	0712 960 002	HELLA 8KL 712 960-001
■	25 m	0712 962 002	HELLA 8KL 712 962-002	50 m	0712 962 001	HELLA 8KL 712 962-001



Vehicle cable

FLY, DIN/ISO 6722

Design: bright soft annealed copper wires, thermoplastic insulating sleeve (PVC)

Cross-section 6 mm²

Version single wire

Metres per ring 50 m

Application range

for lighting, signal units and electrical accessories



Core colour	Order no	Comparative no
■	0712 964 001	HELLA 8KL 712 964-001
■	0712 965 001	HELLA 8KL 712 965-001
■	0712 966 001	HELLA 8KL 712 966-001



Vehicle cable

FLY, DIN/ISO 6722

structure: bright soft annealed copper wires, thermoplastic insulating sleeve (PVC)

Cross-section 10 mm²
Version single wire
Metres per ring 50 m

Application range

for lighting, signal units and electrical accessories



Core colour	Order no	Comparative no
■	0712 967 001	HELLA 8KL 712 967-001
■	0712 968 001	HELLA 8KL 712 968-001



Vehicle cable

FLY, DIN/ISO 6722

Design: bright soft annealed copper wires, thermoplastic insulating sleeve (PVC)

Version single wire
Metres per ring 50 m

Application range

for lighting, signal units and electrical accessories



Cross-section	Core colour	Order no	Comparative no
16 mm ²	■	0712 969 001	HELLA 8KL 712 969-001
25 mm ²	■	0712 970 001	HELLA 8KL 712 970-001
35 mm ²	■	0712 971 001	HELLA 8KL 712 971-001
50 mm ²	■	0712 972 001	HELLA 8KL 712 972-001



Vehicle cable

FLYY, DIN/ISO 6722

Design: bare, soft annealed Cu-wires, insulating cover made from thermoplastic polymer (PVC)

Version single and/or multi-core

Application range

for lighting, signal units and electrical accessories



Cross-section	Core colour	Metres per coil	Order no	Comparative no	Metres per ring	Order no	Comparative no
1 x 1,5 mm ²	■	50 m	0712 975 002	HELLA 8KL 712 975-002	50 m	0712 975 001	HELLA 8KL 712 975-001
1 x 2,5 mm ²	■				50 m	0712 976 001	HELLA 8KL 712 976-001
2 x 0,75 mm ²	■/■				100 m	0735 190 001	HELLA 8KL 735 190-001
2 x 0,75 mm ²	■/■				200 m	0712 986 001	HELLA 8KL 712 986-001
2 x 1 mm ²	■/■				50 m	0712 991 001	HELLA 8KL 712 991-001
2 x 1,5 mm ²	■/■	25 m	0712 977 002	HELLA 8KL 712 977-002	50 m	0712 977 001	HELLA 8KL 712 977-001
2 x 1,5 mm ²	■/■				50 m	0712 992 001	HELLA 8KL 712 992-001
2 x 2,5 mm ²	■/■				50 m	0712 978 001	HELLA 8KL 712 978-001
3 x 1,5 mm ²	■/■/■				50 m	0712 993 001	HELLA 8KL 712 993-001



Vehicle cable

FLYY, DIN/ISO 6722

Design: bare, soft annealed Cu-wires, insulating cover made from thermoplastic polymer (PVC)

Version multi-core

Application range

for lighting, signal units and electrical accessories



Cross-section	Core colour	Metres per ring	Order no	Comparative no
4 x 0,75 mm ²	■/□/■/■	200 m	0712 987 001	HELLA 8KL 712 987-001
4 x 0,75 mm ²	■/□/■/■	200 m	0712 988 001	HELLA 8KL 712 988-001
4 x 1 mm ²	■/□/■/■	50 m	0712 994 001	HELLA 8KL 712 994-001
4 x 1,5 mm ²	■/□/■/■	50 m	0712 995 001	HELLA 8KL 712 995-001
5 x 1 mm ²	■/■/□/■/■	50 m	0712 996 001	HELLA 8KL 712 996-001
5 x 1,5 mm ²	■/■/□/■/■	50 m	0715 434 001	HELLA 8KL 715 434-001
6 x 0,75 mm ²	■/■/□/■/■/■	200 m	0712 989 001	HELLA 8KL 712 989-001
7 x 0,75 mm ²	■/■/■/□/■/■/■	200 m	0712 990 001	HELLA 8KL 712 990-001
7 x 1 mm ²	■/■/■/□/■/■/■	50 m	0715 435 001	HELLA 8KL 715 435-001
7 x 1,5 mm ²	■/■/■/□/■/■/■	50 m	0712 997 001	HELLA 8KL 712 997-001
8 x 0,75 mm ²	■/■/■/□/■/■/■/■	100 m	0198 465 001	HELLA 8KL 198 465-001
8 x 1,5 mm ²	■/■/□/■/■/■/■/■	50 m	0713 735 001	HELLA 8KL 713 735-001
9 x 1,5 + 4 x 2,5 mm ²	(1,5) 7 x ■/■/■/■/■/■/■ (2,5) 2 x ■/■/■	25 m	0719 852 001	HELLA 8KL 719 852-001
12 x 1,5 + 3 x 2,5 mm ²	(1,5) ■/■/■/■/■/■/■/■/■/■/■/■ (2,5) 3 x ■/■/■/■/■	50 m	0742 810 001	HELLA 8KL 742 810-001



Supply cable

FLRY, DIN/ISO 6722

Voltage 24 V

Cross-section 5 x 1,5 + 2 x 4 mm²

Version multi-core

Material PU

Application range

for vehicles with EBS (ISO 7638)



Core colour	Length	Container	Order no
(1,5) ■/■/□-■/□-■/□ (4) ■/■	25 m	Roll	3131 800 882
(1,5) ■/■/□-■/□-■/□ (4) ■/■	50 m	Roll	3131 800 881



Vehicle cable

FLFYY, DIN/ISO 6722

Design: bare, soft annealed Cu-wires, insulating cover made from thermoplastic polymer (PVC)

Version Flat cable, two-core

Metres per ring 50 m



Cross-section	Core colour	Order no	Comparative no
2 x 0,75 mm ²	■ / ■	0177 729 002	HELLA 8KL 177 729-002
2 x 2,5 mm ²	■ / ■	0177 729 022	HELLA 8KL 177 729-022



Vehicle cable

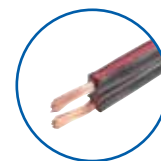
XYFAZ, DIN/ISO 6722

Design: bare, soft annealed Cu-wires, insulating cover made from thermoplastic polymer (PVC), 2 cores connected by separable jacks

Version flat, multi-core

Application range

for speakers and stereo systems



Cross-section	Core colour	Metres per coil	Order no	Comparative no	Metres per ring	Order no	Comparative no
2 x 0,5 mm ²	■ / ■				100 m	0054 017 001	HELLA 8KL 054 017-001
2 x 0,75 mm ²	■ - ■ / ■	100 m	0712 980 002	HELLA 8KL 712 980-002	50 m	0712 980 001	HELLA 8KL 712 980-001
2 x 0,75 mm ²	■ / ■	100 m	0712 980 032	HELLA 8KL 712 980-032			
2 x 1,5 mm ²	■ / ■ - ■				50 m	0712 981 001	HELLA 8KL 712 981-001



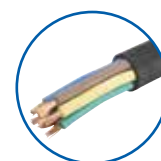
Vehicle cable

A05 RR-F, DIN/ISO 6722

structure: copper wire, bright, fine-wired, identifying colour of the insulation: black

Version middle, multi-core rubber hose line, round

Metres per ring 50 m



Cross-section	Core colour	Order no	Comparative no
3 x 0,75 mm ²	■ / ■ / ■	0713 737 001	HELLA 8KL 713 737-001
3 x 1 mm ²	■ / ■ / ■	0713 741 001	HELLA 8KL 713 741-001
3 x 1,5 mm ²	■ / ■ / ■	0713 742 001	HELLA 8KL 713 742-001

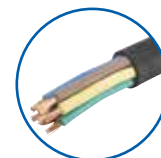


Vehicle cable

H05 RR-F, DIN/ISO 6722

structure: copper wire, bright, fine-wired, identifying colour of the insulation: black

Version middle, multi-core rubber hose line, round



Cross-section	Core colour	Metres per ring	Order no	Comparative no
2 x 0,75 mm ²	■/■	100 m	0713 740 042	HELLA 8KL 713 740-042
2 x 1 mm ²	■/■	50 m	0713 740 032	HELLA 8KL 713 740-032
2 x 1,5 mm ²	■/■	50 m	0713 740 001	HELLA 8KL 713 740-001

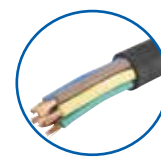


Vehicle cable

05 RR-F, DIN/ISO 6722

structure: copper wire, bright, fine-wired, identifying colour of the insulation: black

Version middle, multi-core rubber hose line, round
Metres per ring 50 m



Cross-section	Core colour	Order no	Comparative no
4 x 1,5 mm ²	■/□/■/■	0713 744 001	HELLA 8KL 713 744-001
5 x 1,5 mm ²	■/□/■/■/■	0715 436 001	HELLA 8KL 715 436-001
7 x 1,5 mm ²	■/■/■/□/■/■/■	0715 437 001	HELLA 8KL 715 437-001



Vehicle cable

H01N2-D, DIN VDE

Design: Copper conductor, bare, fine-strand, rubber outer sheath, insulation colour code: black

Version special weld cable

Application range

for connection of machine and hand welders



Cross-section	Metres per ring	Order no	Comparative no
16 mm ²	50 m	0713 750 001	HELLA 8KL 713 750-001
25 mm ²	50 m	0713 751 001	HELLA 8KL 713 751-001
35 mm ²	50 m	0713 752 001	HELLA 8KL 713 752-001
50 mm ²	50 m	0713 753 001	HELLA 8KL 713 753-001
70 mm ²	25 m	0713 753 011	HELLA 8KL 713 753-011
95 mm ²	25 m	0713 753 021	HELLA 8KL 713 753-021

ADR-cable connection sockets



Cable junction box

Number of poles	14
Connection	76 x spade connection 6.3 mm
Connectivity technology	8 x 4 + 3 x 8 + 1 x 20
Connection thread	1 x M25 x 1.5 + 3 x M20 x 1.5 + 8 x M16 x 1.5
Dimensions	158 x 99 x 63 mm
Material	Polyamide
Protection class	IP69K

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Order no	Comparative no
0177 785 007	HELLA 8KV 177 785-007



Cable junction box

Number of poles	12
Connection	76 x spade connection 6.3 mm
Connectivity technology	8 x 4 + 3 x 8 + 1 x 20
Connection thread	4 x M20 x 1.5
Dimensions	158 x 99 x 63 mm
Material	Polyamide
Protection class	IP69K

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Order no	Comparative no
9500 992 505	HELLA 8KV 177 785-017



Junction box

Number of poles	16
Connection	112 x spade connection 6.3 mm
Connectivity technology	8 x 4 + 4 x 8 + 2 x 14 + 1 x 20
Connection thread	10 x PG 09 1 x PG 16 5 x PG 13.5
Material	Polyamide
Protection class	IP69K

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Order no	Comparative no
0177 785 027	HELLA 8KV 177 785-027

Jumper cables 12/24 V

Application:

Our jumper cables are available in different lengths from 3.5 to 5 m, and with different cable cross sections from 25 to 70 mm² thereby offering a wide area of application in the truck and commercial vehicle segment. Depending on the model, the cables are designed for current strengths ranging from 350 A to 1000 A. All models are suitable for voltages of 12 V and 24 V. Models are available either with or without surge protection.



EUROPART advantages:

- Fully insulated plastic pliers
- Massive copper jaw and ground strap
- Highly flexible copper cable
- Practical plastic case
- Available in different models



Jump Cable

with fully insulated plastic clamps, with solid copper jaws and earth strap, highly flexible copper cable

Voltage 12/24 V
 Load capacity, max. 850 A
 Cable length (2 x) 5 m

Scope of supply
 Comes in a plastic case

Cable cross-section	Order no
35 mm ²	9560 000 201
50 mm ²	9560 000 202



Jump Cable

heavy jump leads with solid angled part-insulated brass clamps and earth strap, highly flexible copper cable

Voltage 12/24 V
 Load capacity, max. 1000 A
 Cable length (2 x) 5 m

Scope of supply
 Comes in a plastic case

Cable cross-section	Order no
50 mm ²	9560 002 060
70 mm ²	9560 002 070



HELLA advantages:

- TÜV/GS tested quality
- Standard certified to DIN ISO 72553
- CE-certification
- A selection of various cable cross sections and lengths
- Insulated and optimised pliers for user-friendly handling
- Cable made from copper-coated aluminium (CCA): light and flexible
- Models with or without surge protection
- With storage bag



Jump Cable

Cable made from copper-coated aluminium (CCA)

Voltage	12/24 V
Load capacity, max.	350 A
Cable length	3,5 m
Cross-section	25 mm ²
Standard	DIN/ISO 72553

Application range

for petrol engines < 5500 cm³, for diesel engines < 3000 cm³

Scope of supply

with storage bag

TÜV [a German safety validation org.]/GS-tested

Version	Order no	Comparative no
	0236 688 001	HELLA 8KS 236 688-001
with surge protection	0236 689 001	HELLA 8KS 236 689-001



Jump Cable

Cable made from copper-coated aluminium (CCA)

Voltage	12/24 V
Load capacity, max.	480 A
Cable length	4,5 m
Cross-section	35 mm ²
Standard	DIN/ISO 72553

Application range

for petrol engines < 7000 cm³, for diesel engines < 4000 cm³

Scope of supply

with storage bag

TÜV [a German safety validation org.]/GS-tested

Version	Order no	Comparative no
	0236 690 001	HELLA 8KS 236 690-001
with surge protection	0236 691 001	HELLA 8KS 236 691-001



Jump Cable

Cable made from copper-coated aluminium (CCA)

Voltage 12/24 V
 Load capacity, max. 750 A
 Cable length 5 m
 Cross-section 50 mm²

Application range

for petrol engines < 7500 cm³, for diesel engines < 4000 cm³

Scope of supply
 with storage bag

CE tested

Version	Order no	Comparative no
	0236 693 001	HELLA 8KS 236 693-001
with surge protection	0236 694 001	HELLA 8KS 236 694-001



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