

BOSCH

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our country. This edition supersedes all
previous editions.



The Bosch Program for industrial applications.

Have we succeeded in arousing your curiosity? Please get into contact with us. You'll find the address for your country on the last page of this catalog.

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BOSCH

CATALOG 2005 | 2006



Automotive

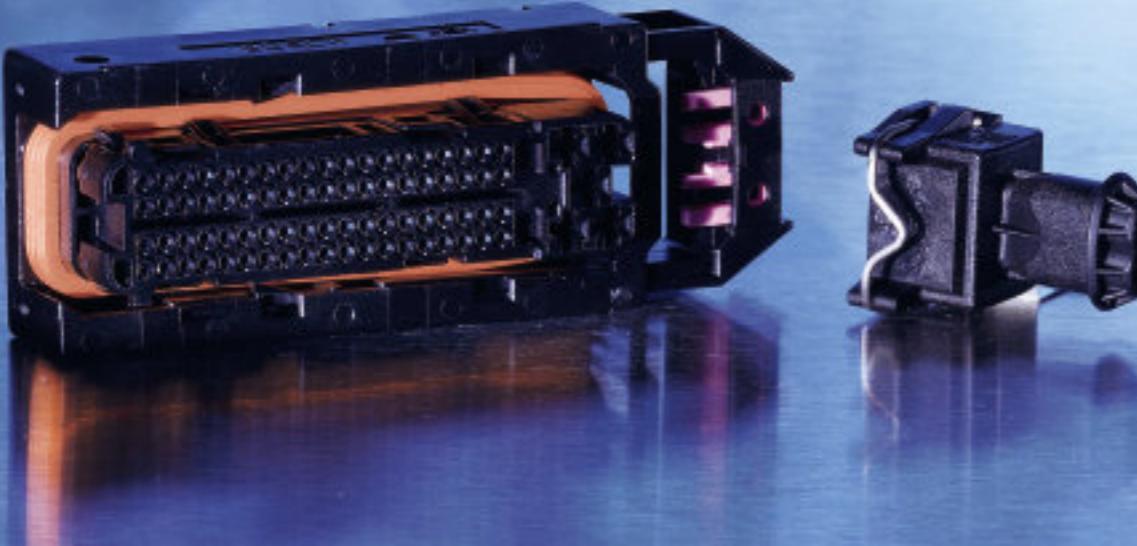
Plugs and Plug-In Connections

Token fee: € 5.00

Reliable contact stability
for passenger cars and
commercial vehicles



Bosch Plug-In Connections for the most demanding jobs



Quality, reliability, and safety – for maximum loading

For decades now, Bosch in its role as the supplier of future-oriented automotive technology systems has been a proven partner for the automobile industry. From the very beginning, in the development of its plug-in connections Bosch aligns its work to the demands of the market and cooperates closely with vehicle manufacturers.

The comprehensive Bosch program comprises components, systems, and modules for passenger cars and commercial vehicles, and includes everything that is needed to make today's vehicles safer, more economical and cleaner.

This program ranges from low-way and high-way plug-in connections up to versions which have been developed specifically for special applications.

State-of-the-art manufacturing plants, monitored production processes, and wide-ranging testing concepts are the guarantee for top quality standards – for reliable and safe connections.

Bosch Plug-In Connections – uncompromising quality and reliability



For the most demanding jobs

Decades of experience, together with computer-aided control, CAD and simulation processes, contribute to the perfection of our new plug-in connections. In each and every phase, Bosch manufacturing is in line with the criteria specified by the market for production sequences and quality. EN ISO 9001 certification confirms this fact.

Comprehensive testing facilities

In order to ensure the functional reliability of our plug-in connections, consistent severity tests are an integral part of Bosch quality assurance measures. In its role as the system partner for the automotive industry, Bosch not only has decades of experience at its disposal, but also state-of-the-art test equipment and technology.

Numerous laboratory tests

During endurance testing in the laboratory under defined test conditions, the plug-in connection is subjected to a wide range of different measurements. These cover temperature-loading capabilities, spray-water tests, gasoline-vapor tests, ozone and dust tests.

Maximum-severity field testing

In this phase of testing, the test parameters are defined by special tests on rough roads and by wading tests.

Zero-fault strategy

Our zero-fault strategy during series-production start-up and during everyday vehicle operation, can only be maintained by applying interdisciplinary competence, by quality assurance, and by close cooperation with the automakers.

Joining Technology

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The products in this catalog are listed with the information design engineers usually require to evaluate whether or not the product is suitable for the application at hand.
All dimensions are given without tolerances and are therefore only approximate dimensions.

Subject to modifications.
Only the currently valid offer drawings are binding. These drawings are available on request.
Drawings can also be downloaded from
<http://www.bosch-connectors.com/>

Overview of Order Numbers 46

Industry Sales Contact 48

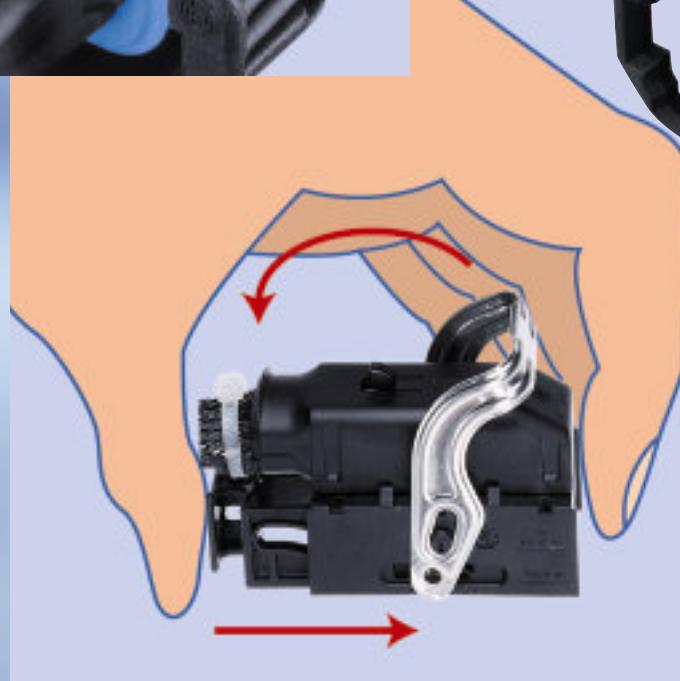
High Contact Reliability with Bosch Plug-In Connections



3-way "Compact plug 3"
with secondary contact locking
and CPA (Connector Position Assume)



The lever/slide principle for simple assembly



The standard for maximum reliability

Low-way plug-in connections

Plug-in connections serve to transfer signals and power to electronic and/or electrical components. The ever-increasing use of electronic components in the vehicle leads to an attendant increase in the demands made on connection reliability.

Reliable contacts in all respects

Irrespective of conditions, Bosch plug-in connections always comply fully with all electrical, mechanical, and geometrical stipulations. They guarantee extremely low contact resistance throughout the vehicle's complete service life, and have very high insulation resistance, as well as being watertight and proof against humidity and saline fog. Bosch plug-in connections are easily pluggable and unpluggable, and the connection of wires and terminals is an easy matter.



64-way plug-in connection
for electronic gasoline-engine
management

Two 38-way passenger-car
plugs for Motronic

Compact design with high resistance to vibration.

Low-way plug-in connections – no other plug can compare with our 38-pole plug-in connection

With its 38-pole plug-in connection, Bosch has introduced an innovation to the market: This plug-in connection features 2.5 mm contact spacing and 3.0 mm row spacing. It has been specially designed for hybrid ECU's which are directly attached to the engine. The swivel-type metal lever reduces the plug-in force to less than 100 N, so that there are no difficulties involved in plugging-in on the vehicle and during service in the workshops. A mechanical coding function makes false plugging impossible.

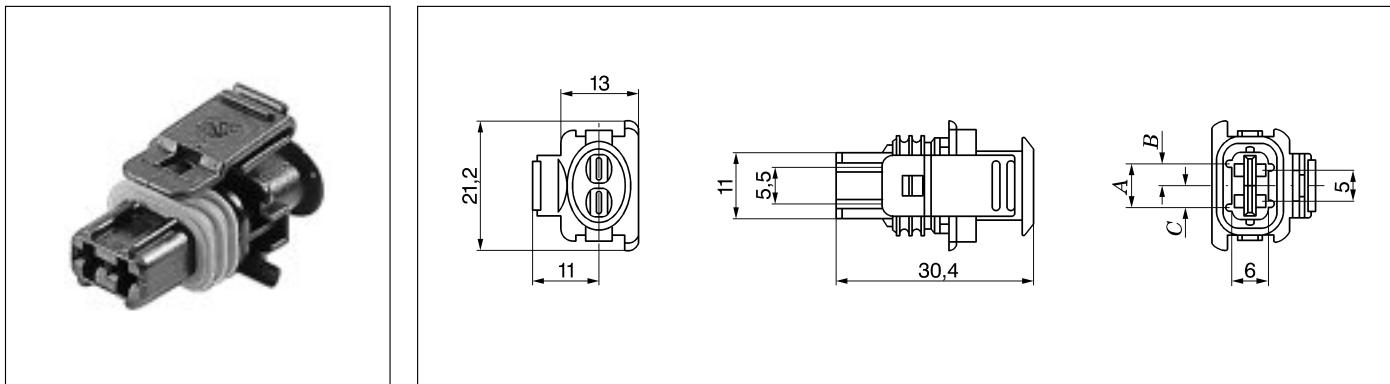
This contributes to increased assembly and processing reliability. Even in case of extreme mechanical loading, a locking device ensures that the connection cannot separate of its own accord.

New plug-in techniques: The 64-way plug-in connection

On our 64-way plug-in connection too, the fact that the lever/slide combination permits low operating forces contributes to uncomplicated, high-speed assembly. At the same time, it ensures high levels of reliability when the plug is in position. In those cases in which installation space is limited, the plug can also be inserted without the lever, and only the slide is needed.

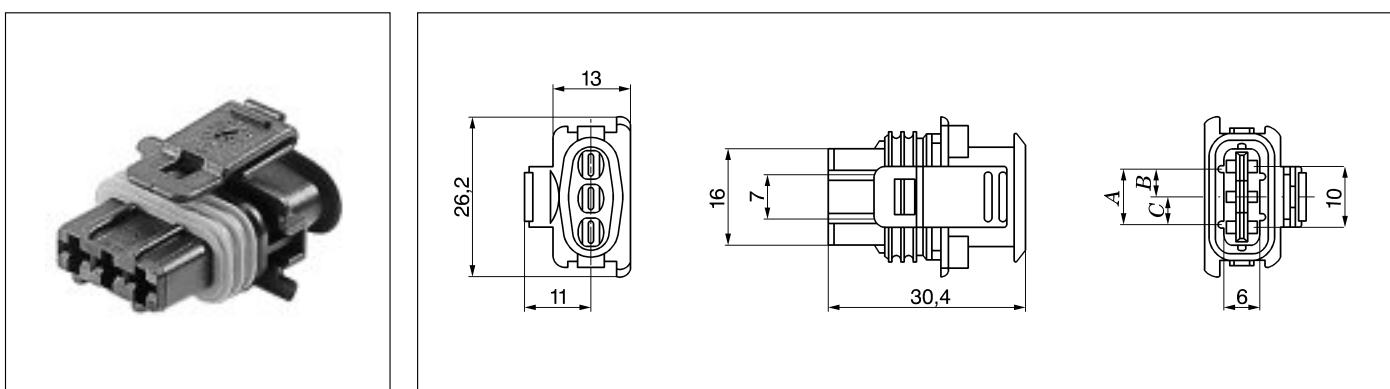
Low-Way Connectors

Compact Connectors 1 without Protective Wall



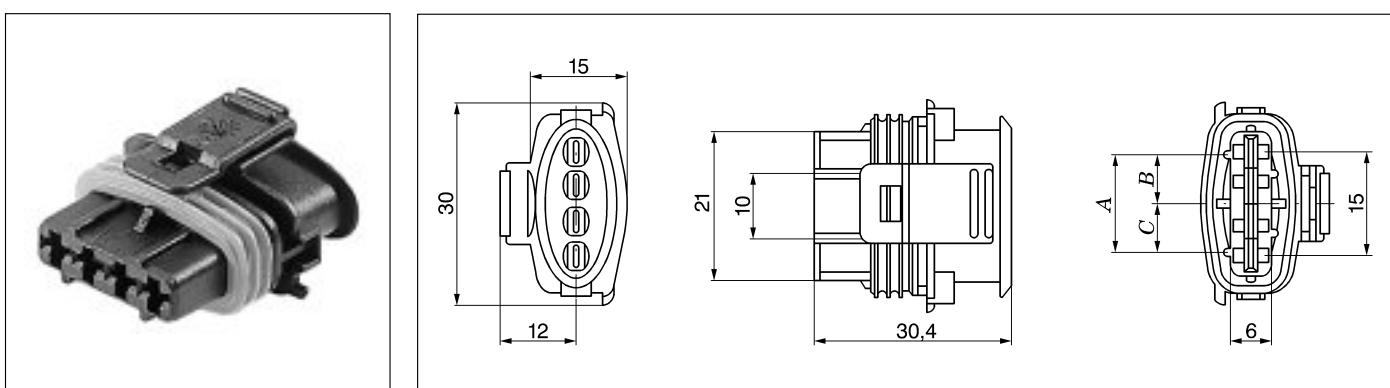
2-way

Code	A	B	C	Colour	Order Number	Terminals
1	7.0	—	—	black	1 928 403 137	Junior Power Timer
1	7.0	—	—	blue	1 928 403 126	(see page 22)
2	4.0	—	—	grey	1 928 403 722	



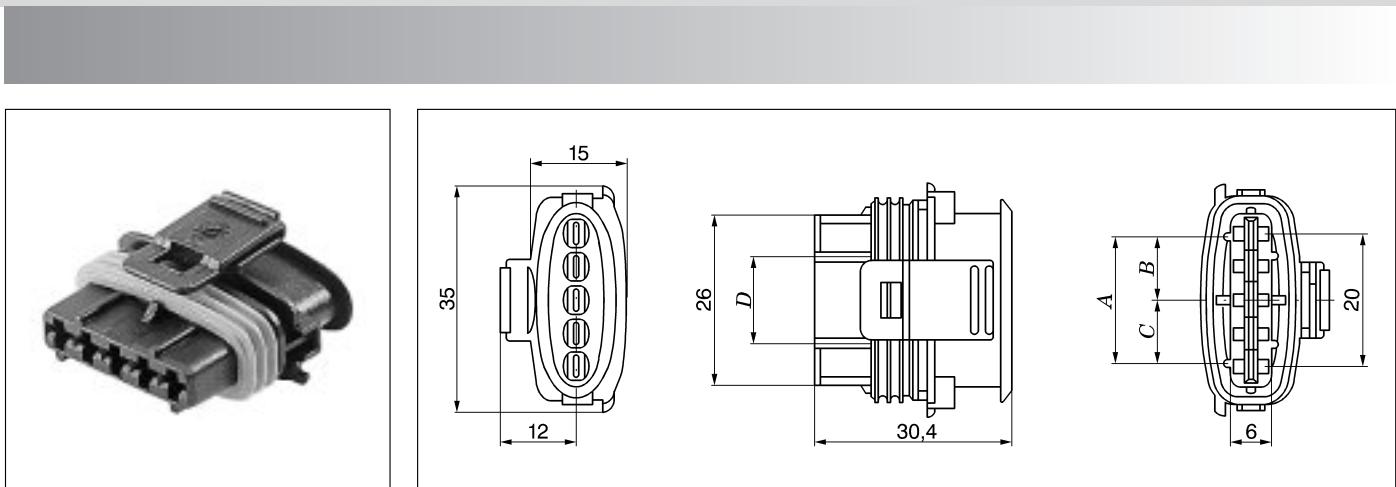
3-way

Code	A	B	C	Colour	Order Number	Terminals
1	9.0	—	—	black	1 928 403 110	Junior Power Timer
1	9.0	—	—	grey	1 928 403 915	(see page 22)
2	5.0	—	—	grey	1 928 404 550	



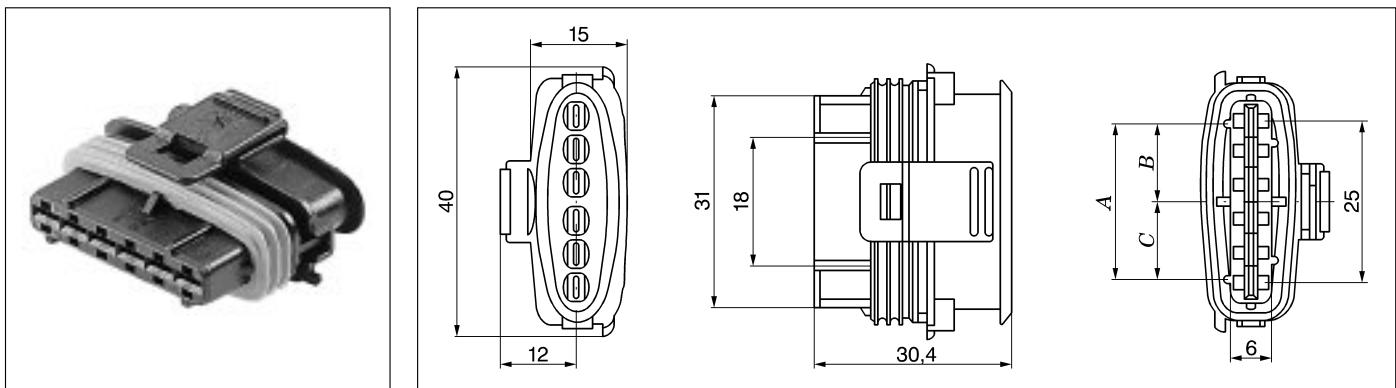
4-way

Code	A	B	C	Colour	Order Number	Terminals
1	12.0	—	—	black	1 928 403 112	Junior Power Timer (see page 22)



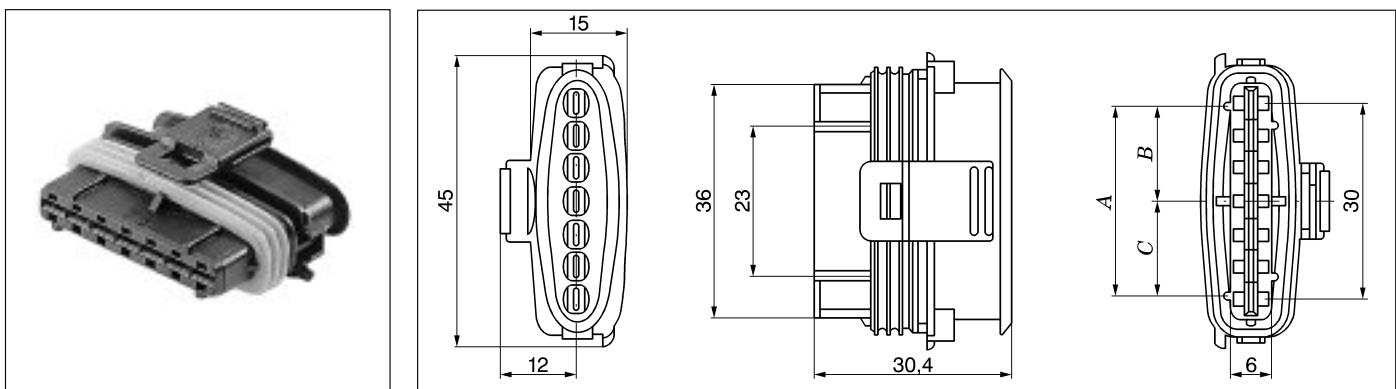
5-way

Code	A	B	C	D	Colour	Order Number	Terminals
1	20.0	—	—	13.0	black	1 928 403 146	Junior Power Timer
5	20.0	—	—	11.5	black	1 928 403 813	(see page 22)



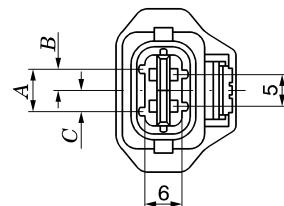
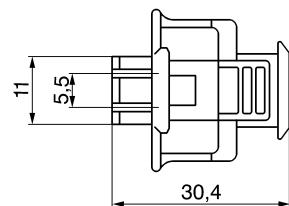
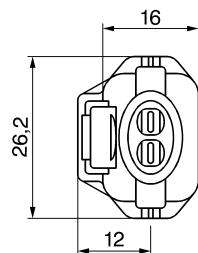
6-way

Code	A	B	C	Colour	Order Number	Terminals
1	24.0	—	—	black	1 928 403 202	Junior Power Timer
2	11.0	—	—	grey	1 928 403 816	(see page 22)

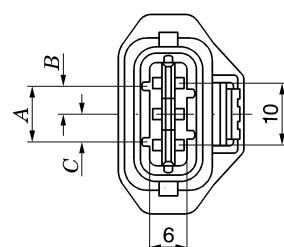
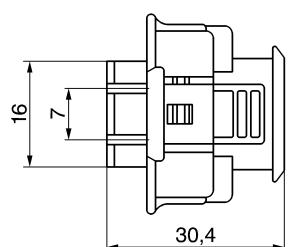
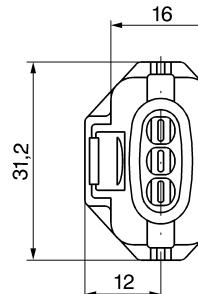


7-way

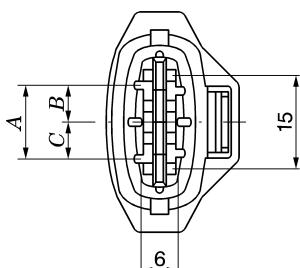
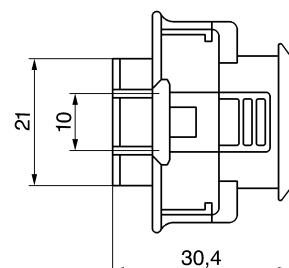
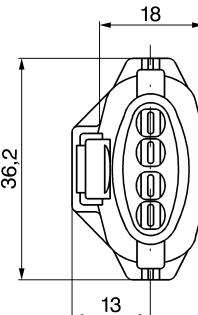
Code	A	B	C	Colour	Order Number	Terminals
1	29.0	—	—	black	1 928 403 220	Junior Power Timer (see page 22)

Low-Way Connectors (continued)**Compact Connectors 1.a with Moulded Protective Wall****2-way**

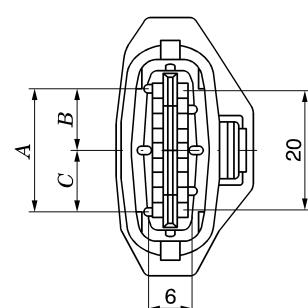
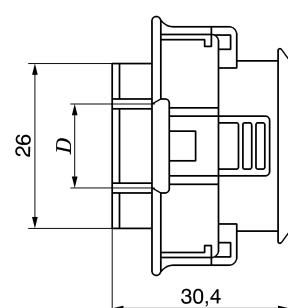
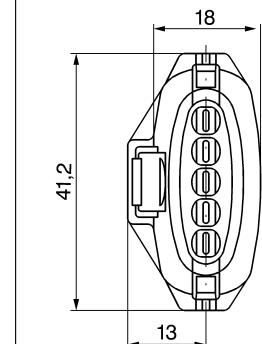
Code	A	B	C	Colour	Order Number	Terminals
1	7.0	—	—	black	1 928 403 698	Junior Power Timer (see page 22)
1	7.0	—	—	colourless	1 928 404 476	
2	4.0	—	—	grey	1 928 403 920	
3	5.5	—	3.5	colourless	1 928 404 707	

**3-way**

Code	A	B	C	Colour	Order Number	Terminals
1	9.0	—	—	black	1 928 403 870	Junior Power Timer (see page 22)

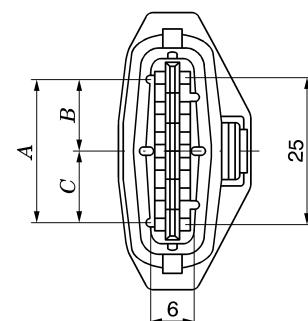
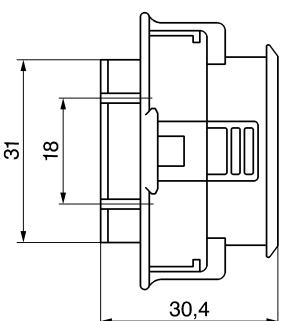
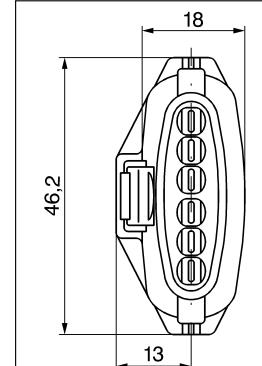
**4-way**

Code	A	B	C	Colour	Order Number	Terminals
1	12.0	—	—	black	1 928 403 913	Junior Power Timer (see page 22)
1	8.0	—	—	grey	1 928 404 627	



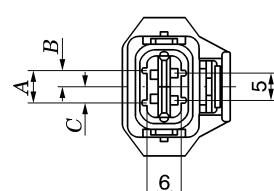
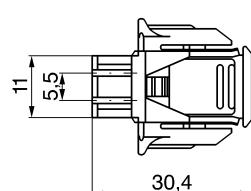
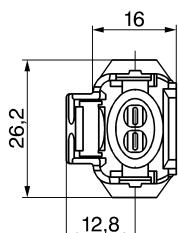
5-way

Code	A	B	C	D	Colour	Order Number	Terminals
1	20.0	—	—	13.0	black	1 928 404 221	Junior Power Timer
5	20.0	—	—	11.5	black	1 928 404 219	(see page 22)

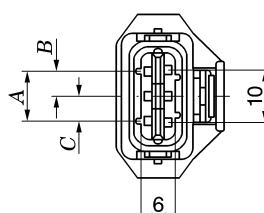
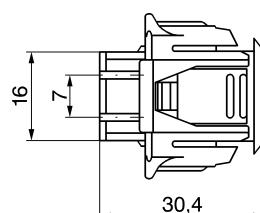
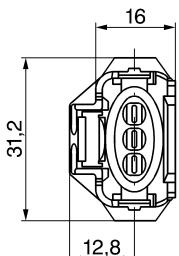


6-way

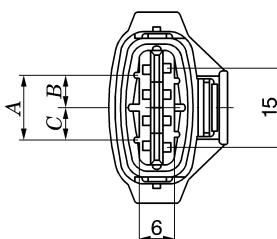
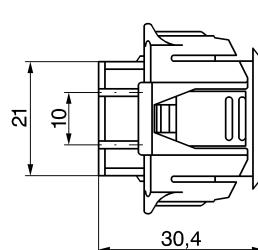
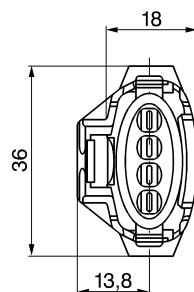
Code	A	B	C	Colour	Order Number	Terminals
1	24.0	—	—	black	1 928 404 629	Junior Power Timer
1	11.0	—	—	grey	1 928 404 631	(see page 22)

Low-Way Connectors (continued)**Compact Connectors 1.m with Mounted Protective Wall****2-way**

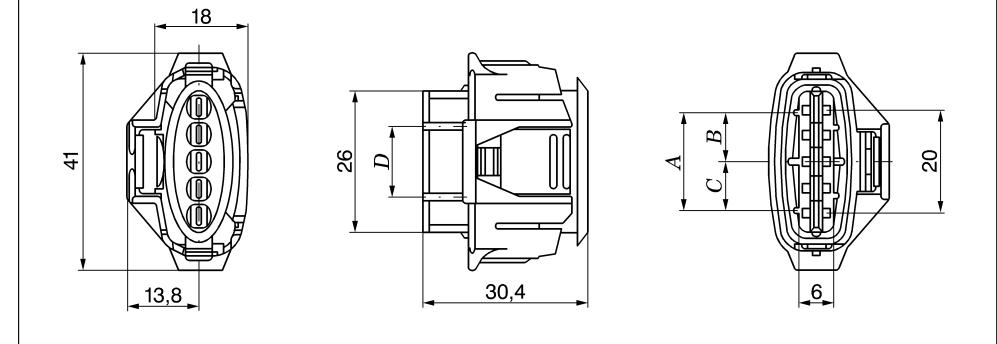
Code	A	B	C	Colour	Order Number	Terminals
1	7.0	—	—	black	1 928 403 192	Junior Power Timer
1	7.0	—	—	blue	1 928 403 194	(see page 22)

**3-way**

Code	A	B	C	Colour	Order Number	Terminals
1	9.0	—	—	black	1 928 403 196	Junior Power Timer
1	9.0	—	—	grey	1 928 403 914	(see page 22)

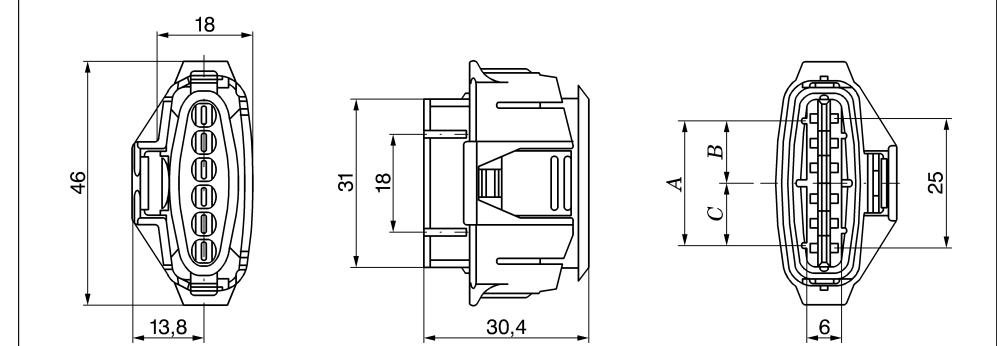
**4-way**

Code	A	B	C	Colour	Order Number	Terminals
1	12.0	—	—	black	1 928 403 198	Junior Power Timer (see page 22)



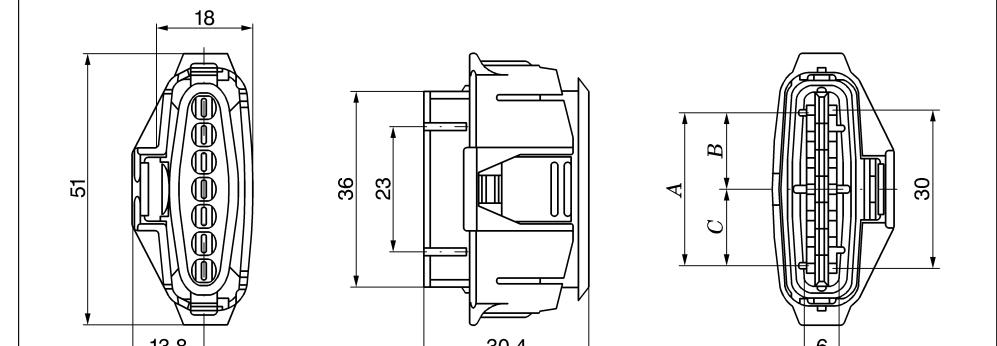
5-way

Code	A	B	C	D	Colour	Order Number	Terminals
1	20.0	—	—	13.0	black	1 928 403 200	Junior Power Timer
5	20.0	—	—	11.5	black	1 928 403 812	(see page 22)



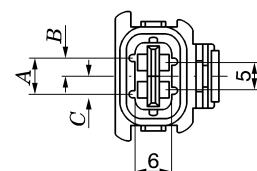
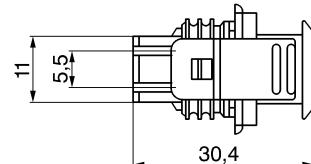
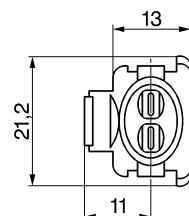
6-way

Code	A	B	C	Colour	Order Number	Terminals
1	24.0	—	—	black	1 928 403 204	Junior Power Timer
2	11.0	—	—	grey	1 928 403 815	(see page 22)

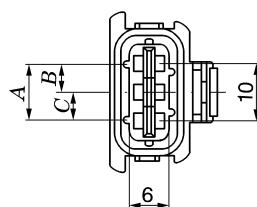
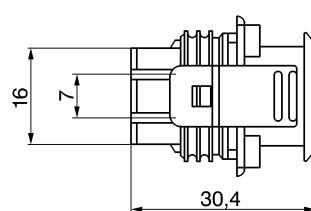
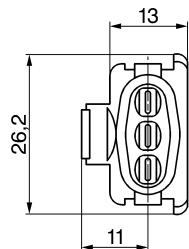


7-way

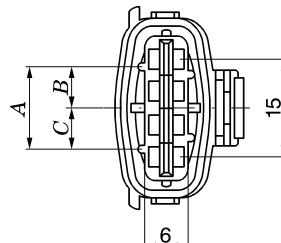
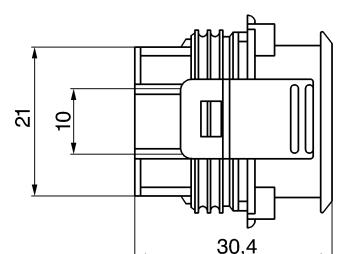
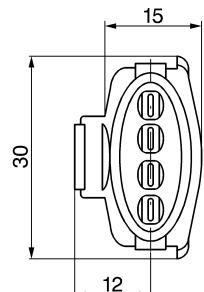
Code	A	B	C	Colour	Order Number	Terminals
1	29.0	—	—	black	1 928 403 222	Junior Power Timer (see page 22)

Low-Way Connectors (continued)**Compact Connectors 1.1 without Protective Wall****2-way**

Code	A	B	C	Colour	Order Number	Terminals
1	7.0	-	-	black	1 928 404 072	Bosch Damping Terminal (see page 22)

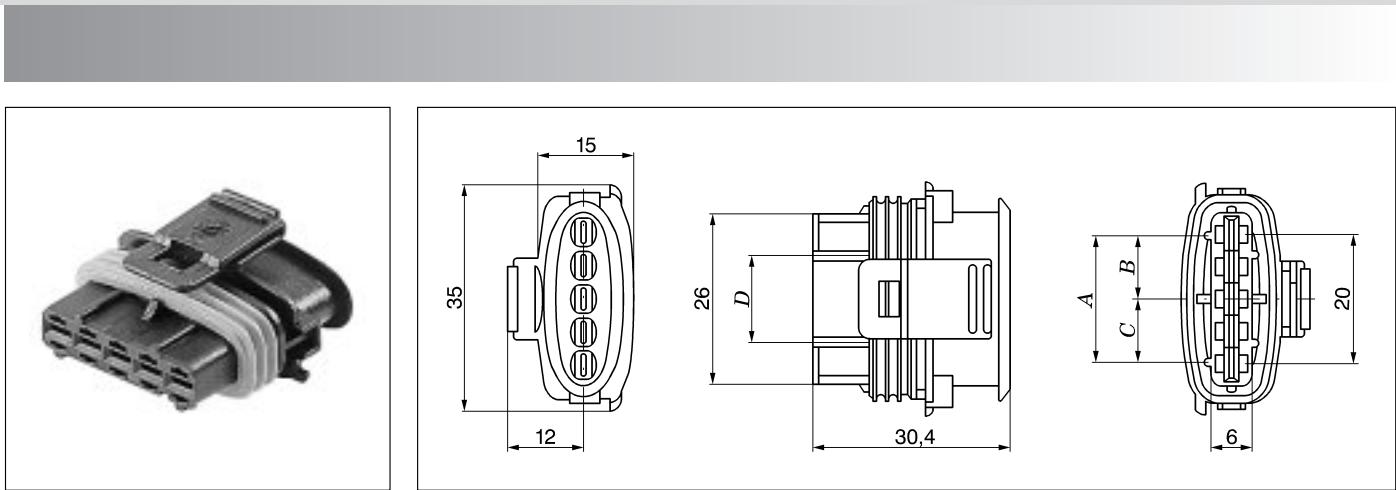
**3-way**

Code	A	B	C	Colour	Order Number	Terminals
1	9.0	-	-	black	1 928 404 073	Bosch Damping Terminal (see page 22)
1	9.0	-	-	grey	1 928 404 074	

**4-way**

Code	A	B	C	Colour	Order Number	Terminals
1	12.0	-	-	black	1 928 404 745¹	Bosch Damping Terminal (see page 22)
1	12.0	-	-	black	1 928 404 825²	

¹ With standard seal. ² With special seal.

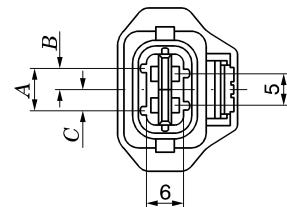
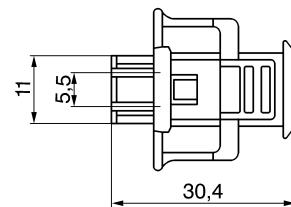
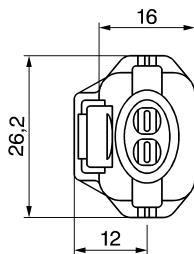


5-way

Code	A	B	C	D	Colour	Order Number	Terminals
1	20.0	-	-	13.0	black	1 928 404 075	Bosch Damping Terminal (see page 22)

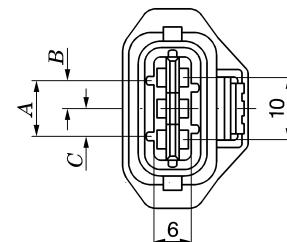
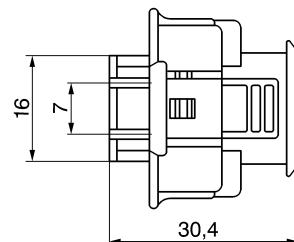
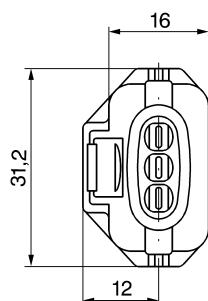
Low-Way Connectors (continued)

Compact Connectors 1.1a with Moulded Protective Wall



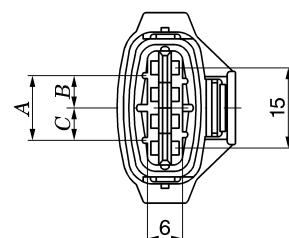
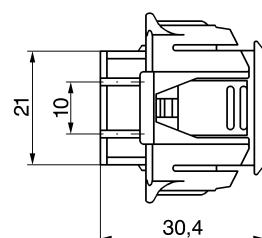
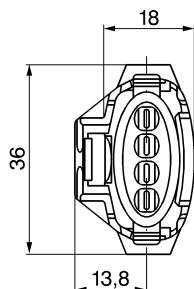
2-way

Code	A	B	C	Colour	Order Number	Terminals
1	7.0	—	—	black	1 928 403 874	Bosch Damping Terminal
1	7.0	—	—	brown	1 928 403 876	(see page 22)
2	4.0	—	—	black	1 928 404 114	
2	4.0	—	—	white	1 928 403 878	
3	5.5	—	3.5	grey	1 928 404 213	
4	5.5	3.5	—	blue	1 928 404 215	

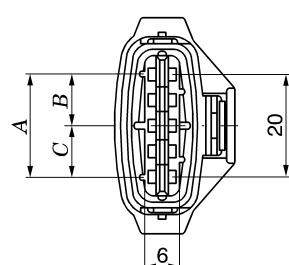
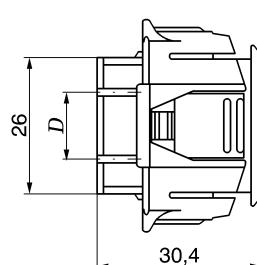
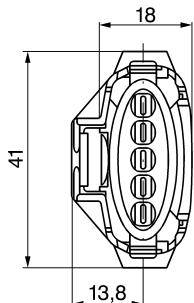


3-way

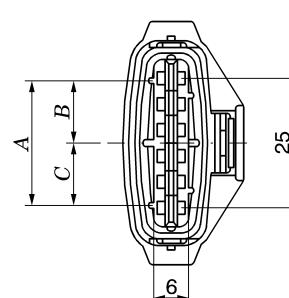
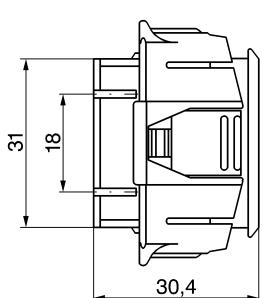
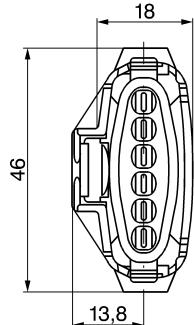
Code	A	B	C	Colour	Order Number	Terminals
1	9.0	—	—	black	1 928 403 966	Bosch Damping Terminal
1	9.0	—	—	blue	1 928 403 970	(see page 22)
2	5.0	—	—	black	1 928 403 968	

Low-Way Connectors (continued)**Compact Connectors 1.1m with Mounted Protective Wall****4-way**

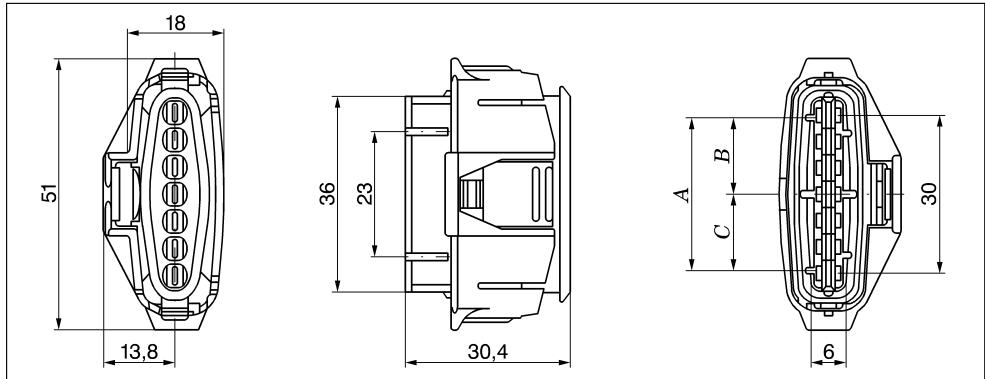
Code	A	B	C	Colour	Order Number	Terminals
1	12.0	-	-	black	1 928 403 736	Bosch Damping Terminal (see page 22)

**5-way**

Code	A	B	C	D	Colour	Order Number	Terminals
1	20.0	-	-	13.0	black	1 928 403 738	Bosch Damping Terminal (see page 22)
5	20.0	-	-	11.5	black	1 928 403 836	

**6-way**

Code	A	B	C	Colour	Order Number	Terminals
1	24.0	-	-	black	1 928 403 740	Bosch Damping Terminal (see page 22)
2	11.0	-	-	grey	1 928 404 525	

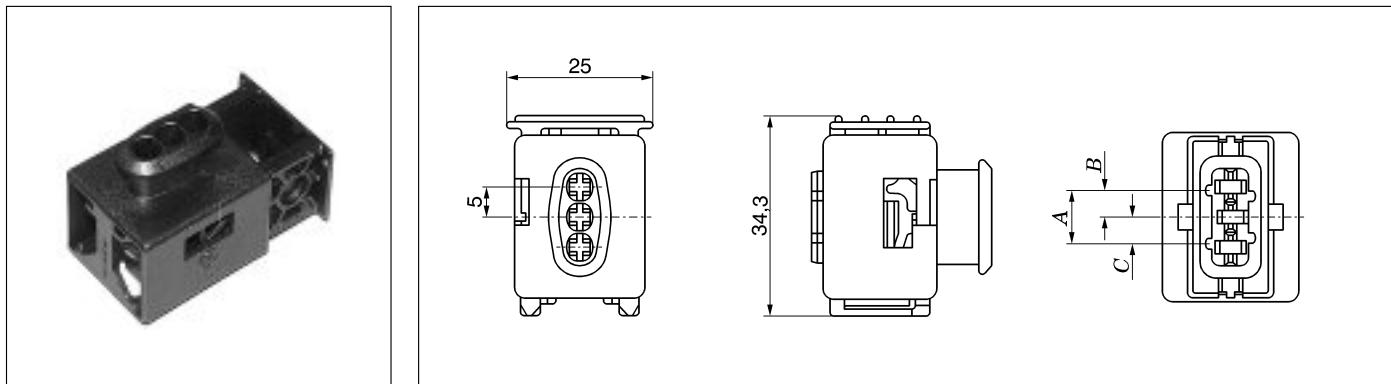


7-way

Code	A	B	C	Colour	Order Number	Terminals
1	29.0	-	-	black	1 928 403 742	Bosch Damping Terminal (see page 22)

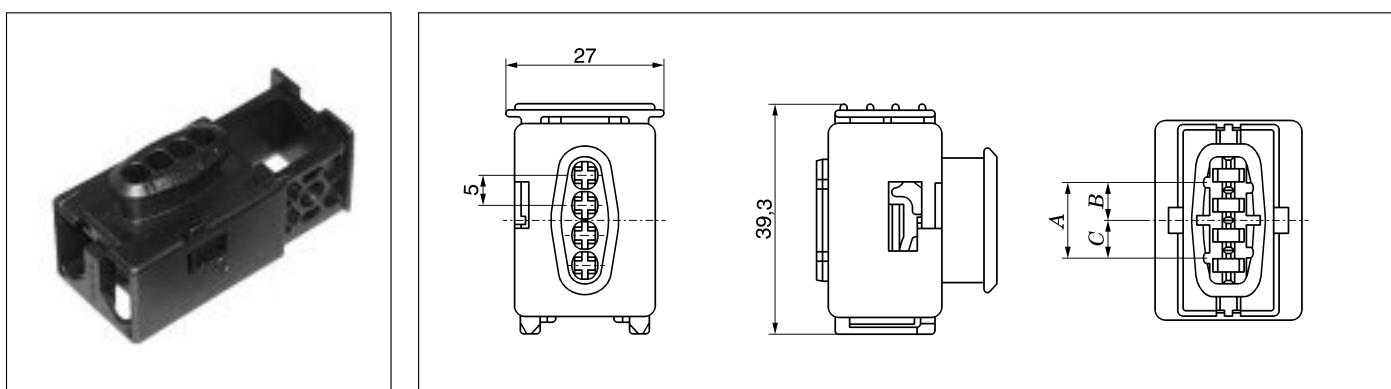
Low-Way Connectors (continued)

Compact Connectors 2 with Locking Slide



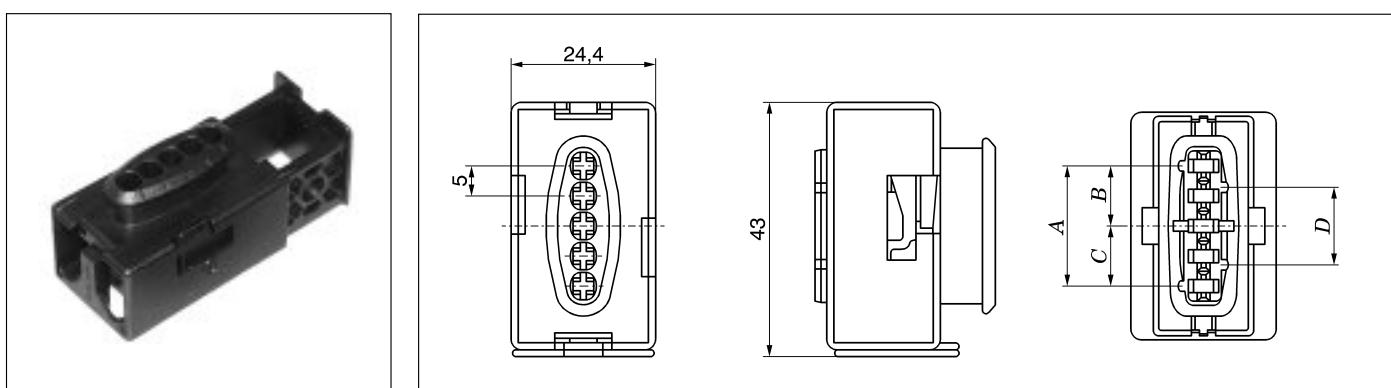
3-way

Code	A	B	C	Colour	Order Number	Terminals
1	9.0	-	-	black	1 928 403 436 ¹	Junior Power Timer (see page 22)



4-way

Code	A	B	C	Colour	Order Number	Terminals
1	12.0	-	-	black	1 928 403 440 ¹	Junior Power Timer (see page 22)
1	12.0	-	-	black	1 928 403 441 ²	



5-way

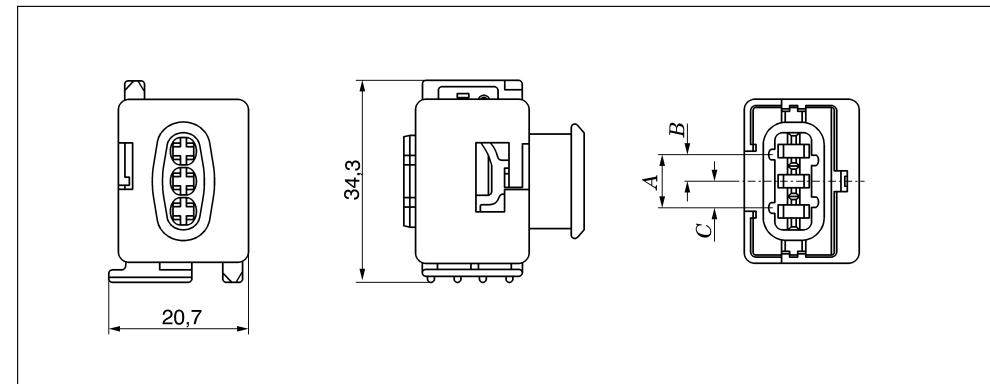
Code	A	B	C	D	Colour	Order Number	Terminals
5	20.0	-	-	11.5	black	1 928 404 225 ¹	Junior Power Timer (see page 22)

¹ Slide from left. ² Slide from right.

Compact Connectors 2.1 with Locking Slide

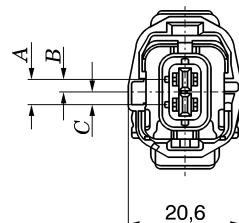
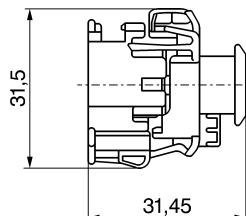


3-way

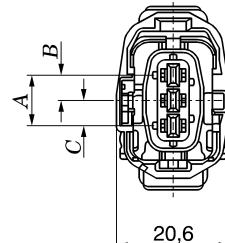
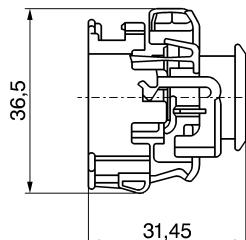


Code	A	B	C	Colour	Order Number	Terminals
1	9.0	-	-	black	1 928 403 809 ²	Junior Power Timer (see page 22)

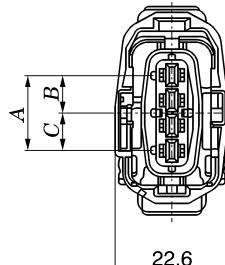
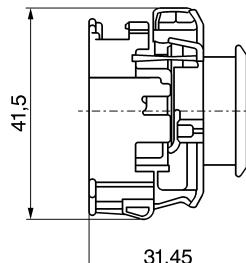
² Slide from right.

Low-Way Connectors (continued)**Compact Connectors 3****2-way**

Code	A	B	C	Colour	Order Number	Terminals
1	7.0	—	—	black	1 928 404 166	Bosch Damping Terminal
1	7.0	—	—	brown	1 928 404 570	(see page 22)
2	4.0	—	—	white	1 928 404 571	

**3-way**

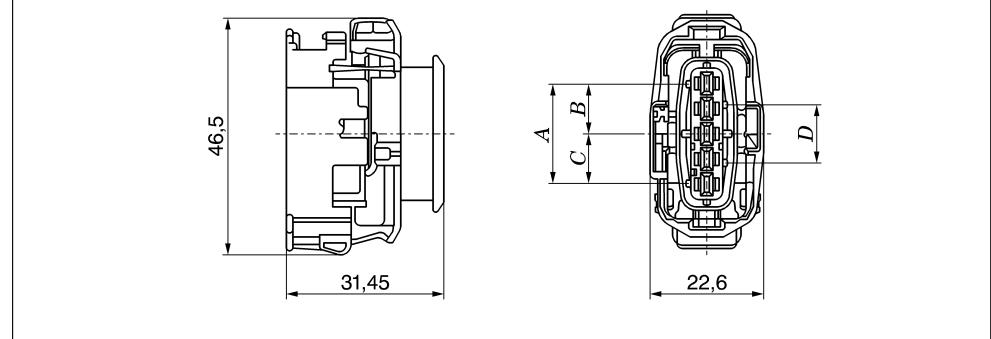
Code	A	B	C	Colour	Order Number	Terminals
1	9.0	—	—	black	1 928 404 163	Bosch Damping Terminal
2	5.0	—	—	black	1 928 404 368	(see page 22)
1	9.0	—	—	blue	1 928 404 572	

**4-way**

Code	A	B	C	Colour	Order Number	Terminals
1	12.0	—	—	black	1 928 404 160	Bosch Damping Terminal (see page 22)



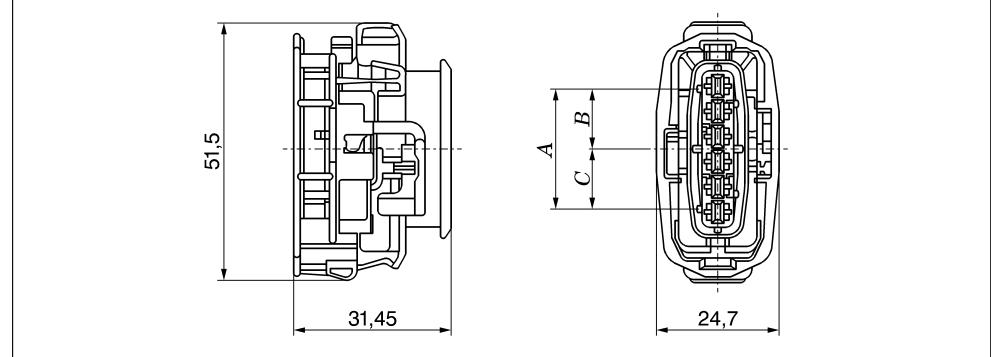
5-way



Code	A	B	C	D	Colour	Order Number	Terminals
5	20,0	-	-	11,5	black	1 928 404 370 ¹	Bosch Damping Terminal
5	20,0	-	-	11,5	black	1 928 404 598 ²	(see page 22)



6-way



Code	A	B	C	Colour	Order Number	Terminals
1	24,0	-	-	black	1 928 404 648 ¹	Bosch Damping Terminal (see page 22)

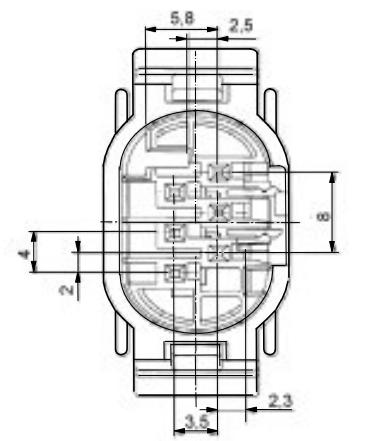
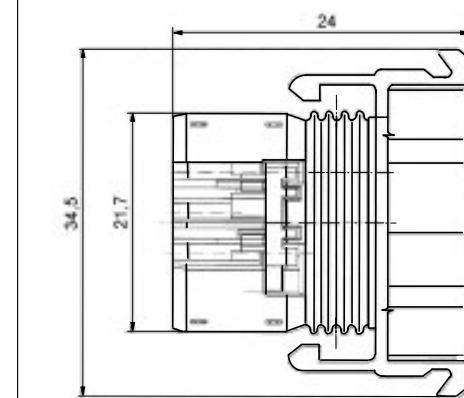
¹ Control slide (CPA), yellow. ² Control slide (CPA), red.

Low-Way Connectors (continued)

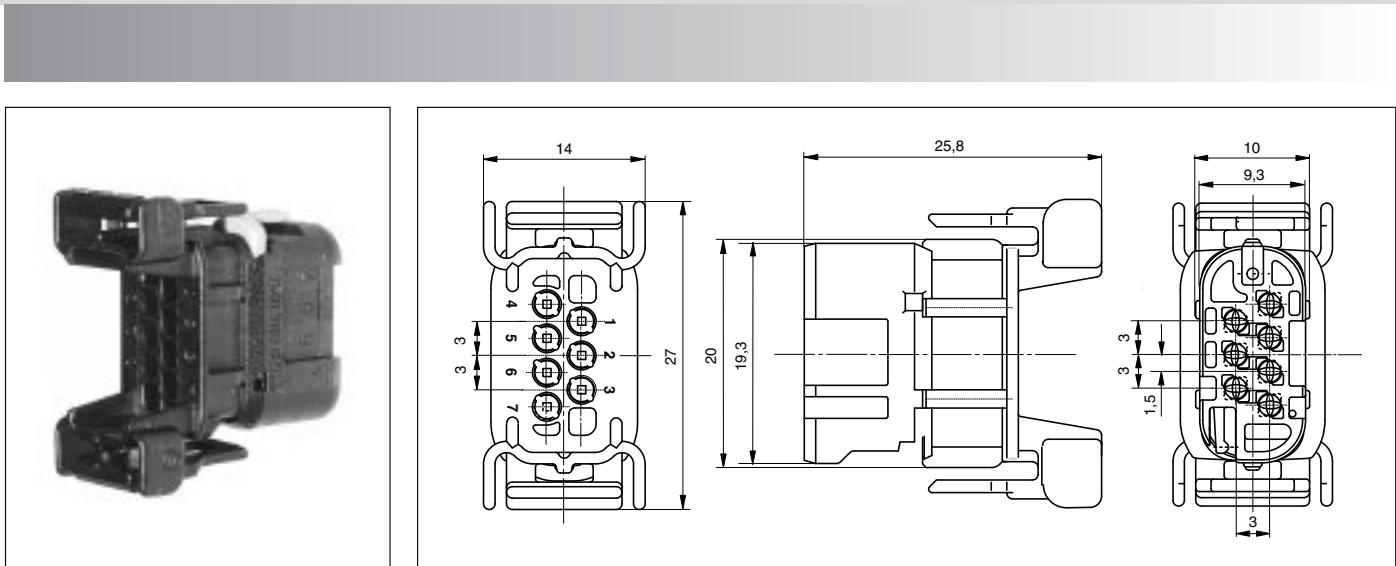
Wiring-Harness Connectors



6-way



Connector Housing	Order Number	Terminals
6-way with primary locking	1 928 403 094	Micro Quadlok System
6-way with primary and secondary locking	1 928 403 187	(see page 22)
6-way with primary and secondary locking and seal	1 928 403 095	
Accessories	Order Number	Note
Secondary locking	1 928 403 184	for subsequent order
Seal	1 928 300 480	



7-way

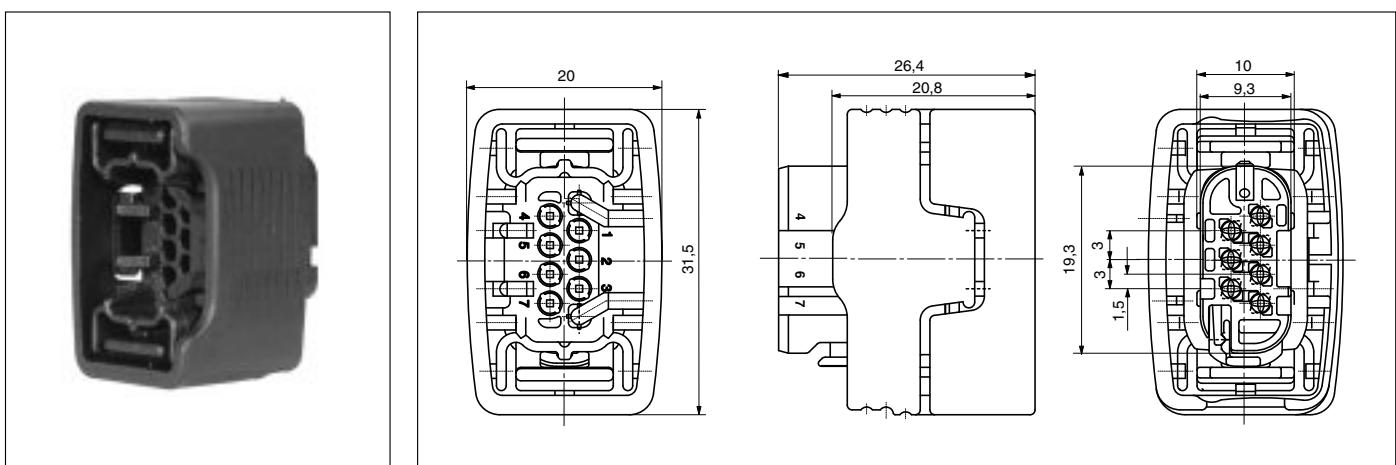
Connector Housing

Order Number

Terminals

7-way with secondary locking without code

1 928 404 025

Bosch Micro Terminal
(see page 23)

7-way

Connector Housing

Order Number

Terminals

7-way with secondary locking without code

1 928 404 337

Bosch Micro Terminal
(see page 23)

Low-Way Connectors (continued)**Terminals****Junior Power Timer JPT 2.8**

Used for	2	3	4	5	6	7	Catalog Page
Compact Connectors 1	•	•	•	•	•	•	4
Compact Connectors 1.a	•	•	•	•	•	•	6
Compact Connectors 1.m	•	•	•	•	•	•	8
Compact Connectors 2	•	•	•	•			16
Compact Connectors 2.1	•						17

Wire Size Range FLK Wires	Wire Size Range FLR Wires	Contact Material	AMP Order Numbers	Single-Wire Seal	Dummy Plug for Unassigned Terminal Cavities	
			Contact Zone Tin-plated	Contact Zone Gold-plated		
0.19...0.38 mm ²	0.35...0.5 mm ²	CuSn4	929 941-3	2-929 941-3	828 904	828 922
0.50...1.00 mm ²	0.5...1.0 mm ²	CuSn4	929 939-3	2-929 939-3	828 905	
1.50...2.50 mm ²	1.5...2.5 mm ²	CuSn4	929 937-3	2-929 937-3	828 905	

Bosch Sensor Terminal BSK

Used for	2	3	4	5	6	7	Catalog Page
Compact Connectors 1.1	•	•	•	•			10
Compact Connectors 1.1a	•	•					12
Compact Connectors 1.1m			•	•	•	•	14
Compact Connectors 3	•	•	•	•	•	•	18

¹ Limited availability.

Wire Size Range	Insulation Ø	Contact Material	AMP Order Numbers	Single-Wire Seal	Dummy Plug for Unassigned Terminal Cavities	
			Contact Zone Tin-plated	Contact Zone Gold-plated		
0.50...1.00 mm ²	1.2...2.1 mm	CuNiSi	1 928 498 060	1 928 498 062	1 928 300 599	1 928 300 601
1.50...2.50 mm ²	2.2...3.0 mm	CuNiSi	1 928 498 061	1 928 498 063	1 928 300 600	

Bosch Damping Terminal BDK

Used for	2	3	4	5	6	7	Catalog Page
Compact Connectors 1.1	•	•	•	•			10
Compact Connectors 1.1a	•	•					12
Compact Connectors 1.1m			•	•	•	•	14
Compact Connectors 3	•	•	•	•	•	•	18

Wire Size Range	Insulation Ø	Contact Material	AMP Order Numbers	Single-Wire Seal	Dummy Plug for Unassigned Terminal Cavities	
			Contact Zone Tin-plated	Contact Zone Silver-plated		
0.50...1.00 mm ²	1.2...2.1 mm	1 928 498 056	1 928 498 058	1 928 498 054	1 928 300 599	1 928 300 601
1.50...2.50 mm ²	2.2...3.0 mm	1 928 498 057	1 928 498 059	1 928 498 055	1 928 300 600	

Micro Power Quadlok System

Used for	2	3	4	5	6	7	Catalog Page
Wiring-Harness Connector					•		20

Wire Size Range	Insulation Ø	AMP Order Numbers for Degree of Protection IP 30	AMP Order Numbers for Degree of Protection IP 54K	Single-Wire Seal	Dummy Plug for Unassigned Terminal Cavities
0.20...0.35 mm ²	0.9...1.3 mm	928 999-1	962 885-1	963 664-2	967 056-1
0.50 mm ²	1.4...1.6 mm	928 999-1	962 885-1	963 664-1	
0.75 mm ²	1.6...1.9 mm	963 715-1	965 906-1	963 664-1	

Bosch Micro Terminal BMK 0.6



Used for	Number of Poles						Catalog Page
	2	3	4	5	6	7	
Wiring-Harness Connector Locked at each front						•	21
Wiring-Harness Connector Locked at the side wall						•	21

Wire Size Range FLR Wires	Insulation Ø	Contact Zone		Wire Size Range CAN Wires	Insulation Ø	Contact Zone	
		Tin-plated	Gold-plated			Tin-plated	Gold-plated
0.35...0.50 mm ²	≤ 1.6 mm	1 928 498 000	1 928 498 002	0.35...0.50 mm ²	≤ 1.9 mm	1 928 498 004	1 928 498 005
		1 928 498 013	1 928 498 015	—	—	—	—
0.50...0.75 mm ²	≤ 1.9 mm	1 928 498 001	1 928 498 003	—	—	—	—
		1 928 498 014	1 928 498 016	—	—	—	—

Extractor for Disassembly



Extractor for Bosch Micro Terminal BMK 0.6 mm

Order number for extractor	1 928 489 106
Order number for replacement needles	1 928 489 107

Extractor for Bosch Sensor Terminal BSK 2.8 mm

Order number for extractor	1 928 489 167
Order number for replacement needles	1 928 489 168

Replacement blade set

Contents: 3 blades. For extractor 1 987 352 125
(predecessor model – no longer shown in catalog)

Order number	1 987 352 127
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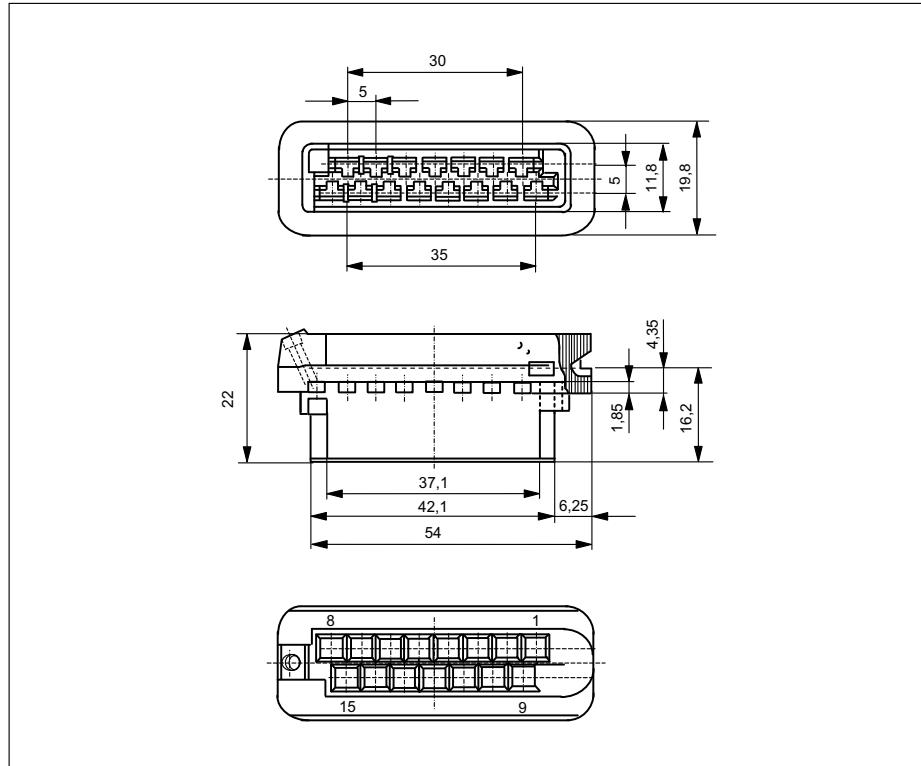
High-Way Connectors

15-Way Connector



Contact Housing

See dimensioned drawing for dimensions
Offer drawing number C 227 005 390
Order number 1 928 401 105



Terminals

Junior Power Timer JPT

Tin-plated
for FLK wires

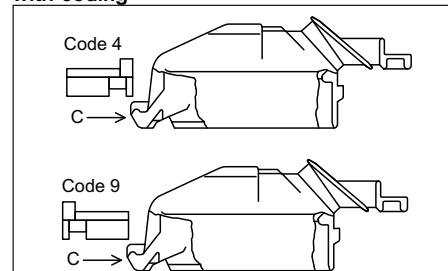
Wire size range	0.5...1.5 mm ²
AMP order number	925 590-2
Molex order number	90 020-0102

Wire size range	1.0...2.5 mm ²
AMP order number	925 595-2
Molex order number	90 020-0302



Handle Covers

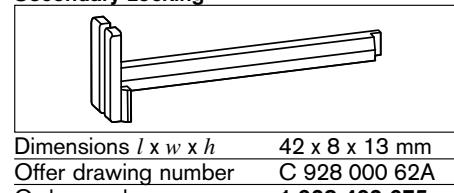
with coding



Dimensions l x w x h 95 x 24 x 37 mm
Offer drawing number A 928 401 258
Order number code 4 1 928 401 261
Order number code 9 1 928 401 266

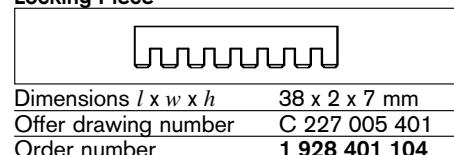
Accessories

Secondary Locking



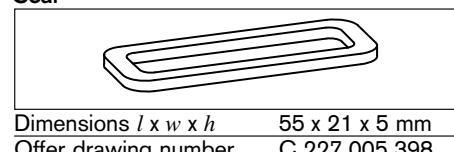
Dimensions l x w x h 42 x 8 x 13 mm
Offer drawing number C 928 000 62A
Order number 1 928 402 675

Locking Piece

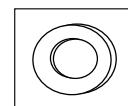


Dimensions l x w x h 38 x 2 x 7 mm
Offer drawing number C 227 005 401
Order number 1 928 401 104

Seal



Dimensions l x w x h 55 x 21 x 5 mm
Offer drawing number C 227 005 398
Order number 1 928 300 219



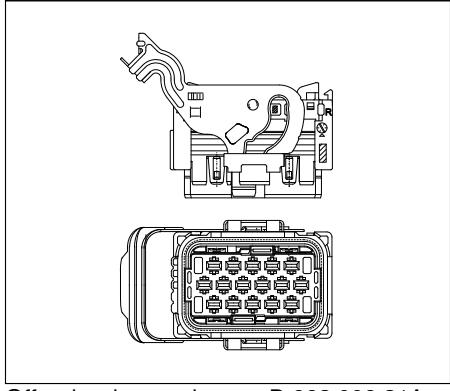
Sealing Ring
Dimensions Ø x h 5 x 1 mm
Offer drawing C 280 204 855
Order number 1 928 300 198

16-Way Connector



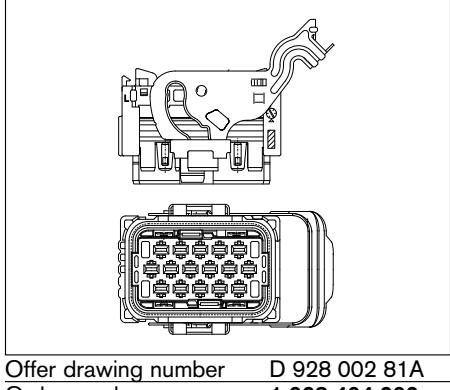
Contact Housings, premounted

Lever on the right

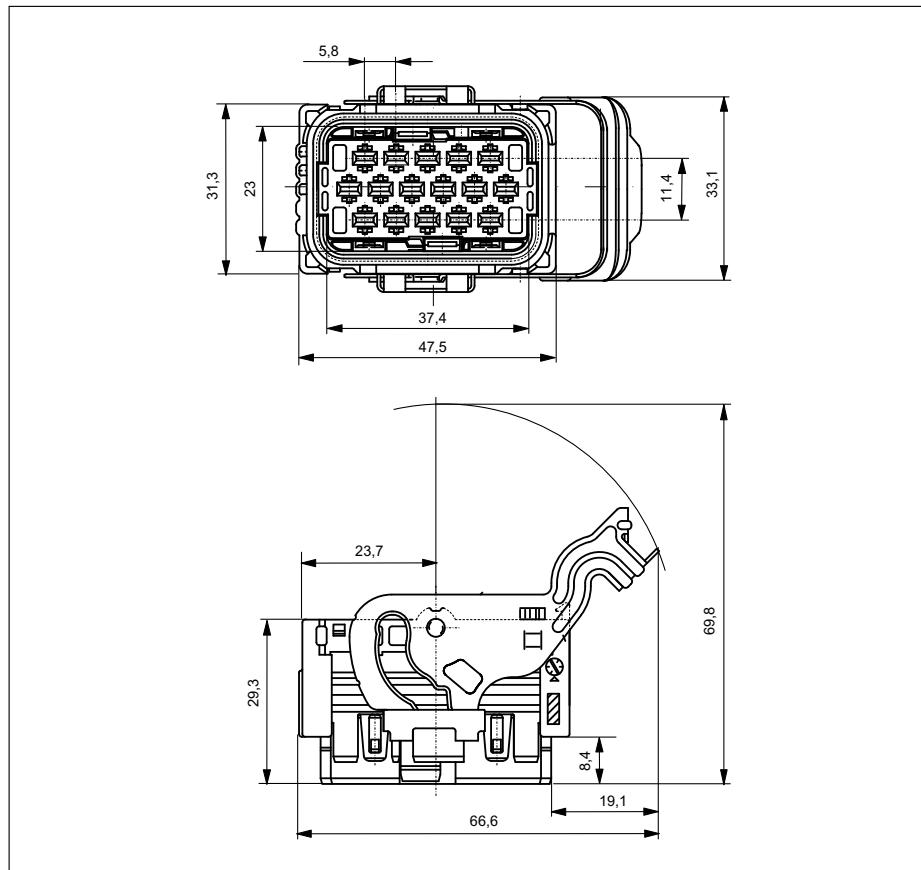


Offer drawing number D 928 002 81A
Order number 1 928 404 201

Lever on the left



Offer drawing number D 928 002 81A
Order number 1 928 404 202



Terminals

Bosch Damping Terminal BDK 2.8 for FLKr wires

Wire size range	0.5...1.0 mm ²
Insulation Ø	1.2...2.1 mm
Surface Sn	1 928 498 056
Surface Au	1 928 498 054
Single-wire seal	1 928 300 599

Wire size range 1.5...2.5 mm²

Insulation Ø 2.2...3.0 mm

Surface Sn 1 928 498 057

Surface Au 1 928 498 055

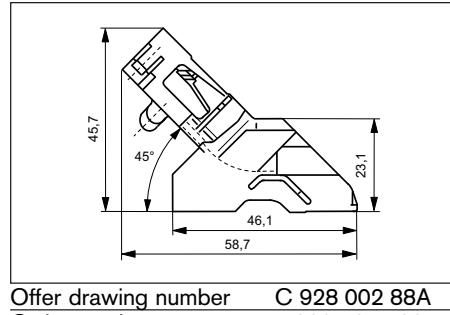
Single-wire seal 1 928 300 600

Note: The surface material of the terminals and the suitable pins must be the same.



Accessories

Cover 45° standard version

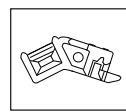


Offer drawing number C 928 002 88A
Order number 1 928 404 190

Tightening Strap



Dimensions l x w x h 126 x 3 x 1 mm
Offer drawing number C 280 208 198
Order number 1 928 401 283

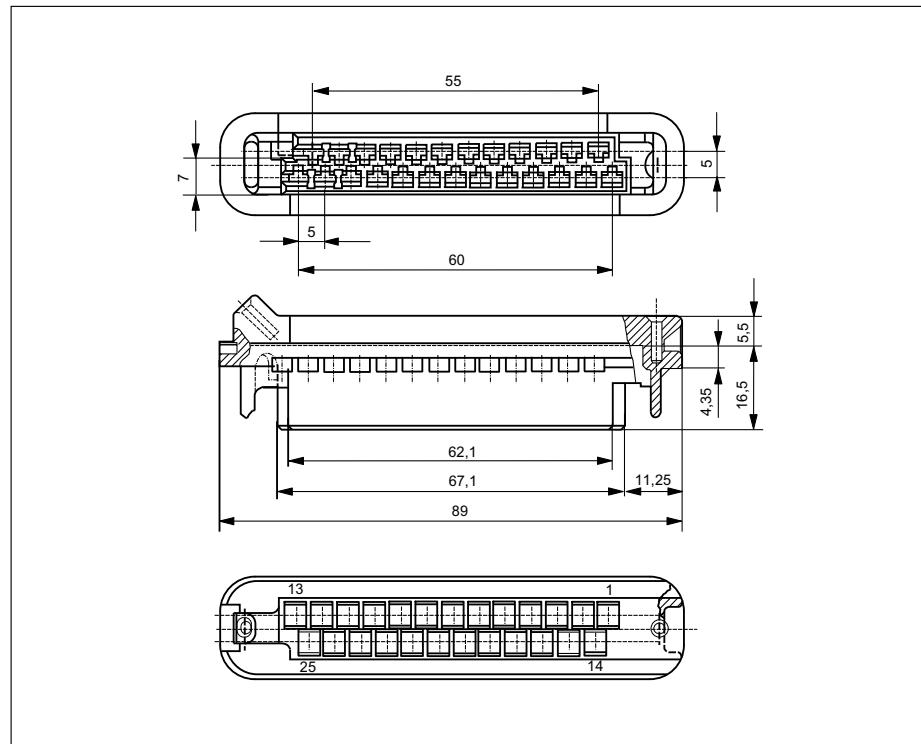


Tightening Strap Clip

Dimensions 18 x 7 x 16 mm
Offer drawing number C 928 003 22A
Order number 1 928 404 555

High-Way Connectors (continued)

25-Way Connector



Contact Housing

Offer drawing number C 280 208 194
Order number 1 928 400 952

Terminals

Junior Power Timer
JPT 2.8

Tin-plated surface,
with steel spring

Wire size range $\leq 0.35 \text{ mm}^2$
for FLK, FLKr, FLX wires 26177 201 179
company: Grote & Hartmann

Wire size range $0.35 \dots 0.5 \text{ mm}^2$
for FLK wires, company: AMP 927 788-3
for FLKr, FLX wires, company: AMP 927 774-3

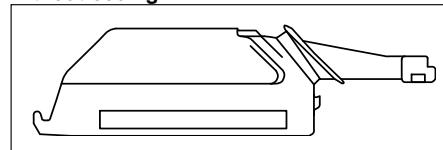
Wire size range $0.5 \dots 1.0 \text{ mm}^2$
for FLK wires, company: AMP 927 775-3
for FLKr, FLX wires, company: AMP 927 771-3
for FLK, FLKr, FLX wires 26178 201 179
company: Grote & Hartmann

Wire size range $1.0 \dots 2.5 \text{ mm}^2$
for FLK wires, company: AMP 927 773-3
for FLKr, FLX wires, company: AMP 927 768-3
for FLK wires, company: G & H 26178 201 179
for FLKr, FLX wires 26179 201 179
company: Grote & Hartmann

Note: The surface material of the terminals
and the suitable pins must be the same.

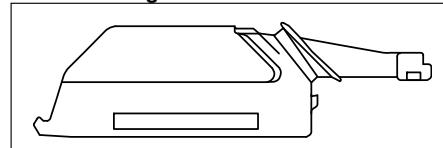
Handle Covers

without coding



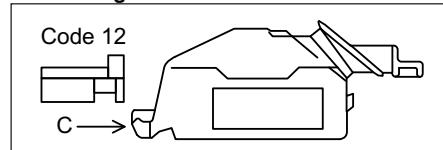
Dimensions $l \times w \times h$ 150 x 30 x 42 mm
Offer drawing number C 280 208 592
Order number 1 928 401 004

without coding



Dimensions $l \times w \times h$ 150 x 30 x 42 mm
Offer drawing number C 280 208 220
Order number 1 928 401 013

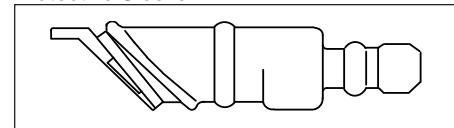
with coding



Dimensions $l \times w \times h$ 95 x 24 x 37 mm
Offer drawing number C 265 102 483
Order number code 12 1 928 401 697

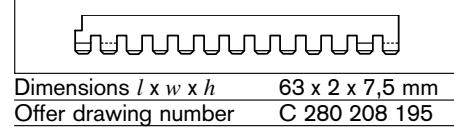
Accessories

Protective Sleeve



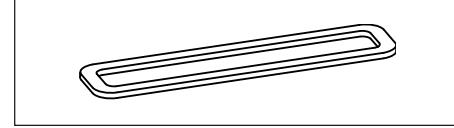
Dimensions $l \times \emptyset$ $\approx 103 \times 23 \text{ mm}$
Offer drawing number C 280 208 138
Order number 1 928 300 194

Locking Piece



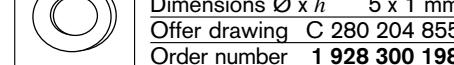
Dimensions $l \times w \times h$ 63 x 2 x 7,5 mm
Offer drawing number C 280 208 195
Order number 1 928 400 950

Seal



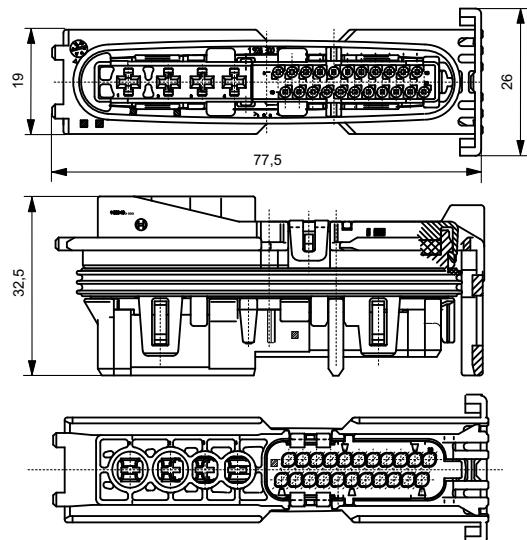
Dimensions $l \times w \times h$ $\approx 91 \times 25 \times 5 \text{ mm}$
Offer drawing number C 280 208 196
Order number 1 928 300 191

Sealing Ring



Dimensions $\emptyset \times h$ 5 x 1 mm
Offer drawing number C 280 204 855
Order number 1 928 300 198

26-Way Connector



Contact Housings, premounted

Offer drawing number	D 928 003 09A
for cable exit on left and at top	1 928 404 406
same as ..406 with protective cap	1 928 404 408
for cable exit on right	1 928 404 491
same as ..491 with protective cap	1 928 404 492

Terminals

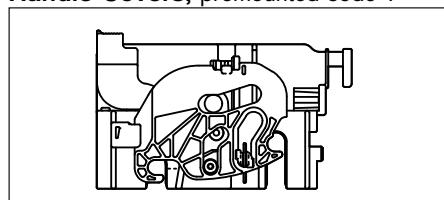
Multiple Contact Point

AMP-MCP 2.8	
for FLR wires	
Tin-plated surface	
Wire size range	1.5...2.5 mm ² ≤ 4 mm ²
Insulation Ø	≤ 3 mm ≤ 3.7 mm
Order no. AMP	1-968 857 1-968 859
Single-wire seal	828 905-1 828 985-1

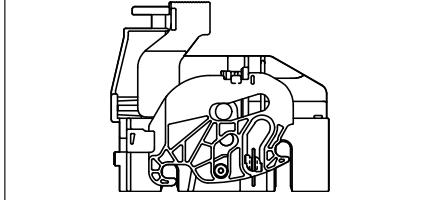
Bosch Micro Terminal

BMK 0.6	
for FLR wires	
Tin-plated surface	
Wire size range	0.35...0.5 mm ²
Insulation Ø	≤ 1.6 mm
Order number	1 928 498 013
Wire size range	0.5...0.75 mm ²
Insulation Ø	≤ 1.9 mm
Order number	1 928 498 014

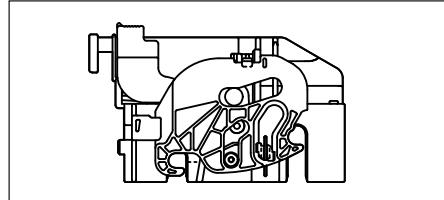
Handle Covers, premounted code 1



Cable exit	on the right
Dimensions /x w x h	88 x 26 x 55 mm
Offer drawing number	D 928 003 17A
Order number	1 928 404 494



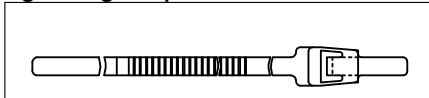
Cable exit	at the top
Dimensions /x w x h	78 x 26 x 70 mm
Offer drawing number	D 928 003 17A
Order number	1 928 404 797



Cable exit	on the left
Dimensions /x w x h	88 x 26 x 55 mm
Offer drawing number	D 928 003 17A
Order number	1 928 404 410

Accessories

Tightening Strap



Dimensions /x w x h	102 x 3 x 1 mm
Offer drawing number	C 265 152 006
Order number	1 928 401 713

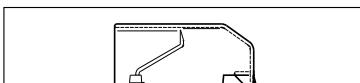
High-Way Connectors (continued)**31-Way Connector****Covers**

without cable exit



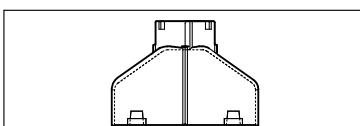
Dimensions $l \times w \times h$ 63 x 26 x 35 mm
Offer drawing no. C 928 002 83A
Order number 1 928 404 032

without cable exit



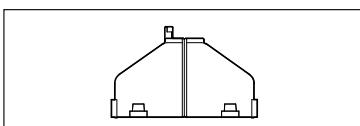
Dimensions $l \times w \times h$ 63 x 26 x 30 mm
Offer drawing no. C 928 001 36A
Order number 1 928 402 824

Cable exit at the top



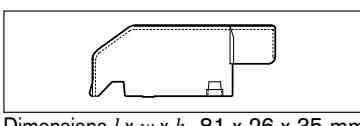
Dimensions $l \times w \times h$ 65 x 25 x 46 mm
Offer drawing no. C 928 002 06A
Order number 1 928 403 550

Cable exit at the top

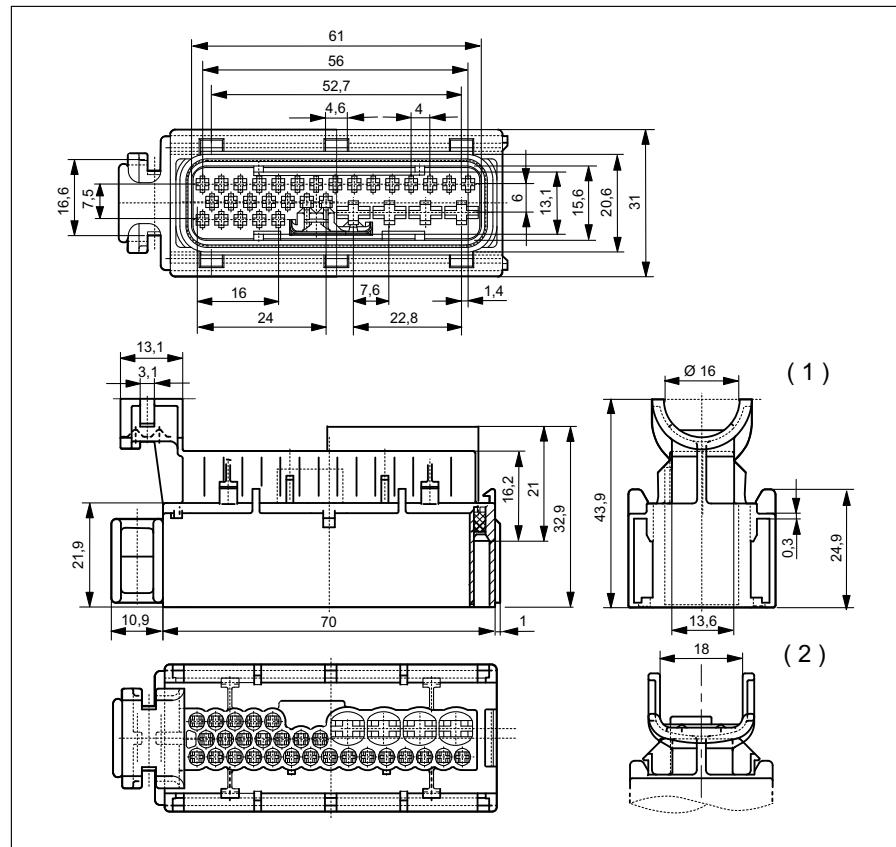
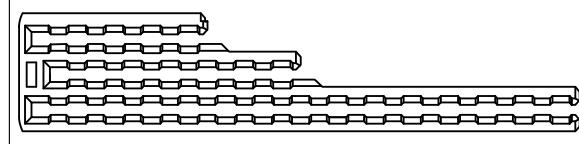


Dimensions $l \times w \times h$ 65 x 25 x 42 mm
Offer drawing no. C 928 001 37A
Order number 1 928 403 084

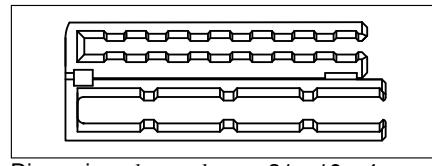
Cable exit at the side



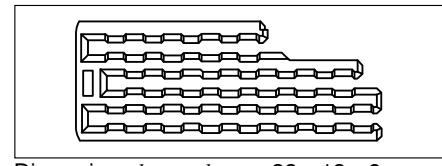
Dimensions $l \times w \times h$ 81 x 26 x 35 mm
Offer drawing no. C 928 002 00A
Order number 1 928 403 489

**Accessories****Secondary Locking Mechanisms**

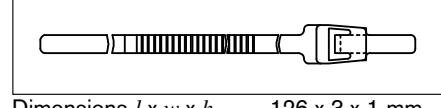
Dimensions $l \times w \times h$ 60 x 13 x 2,5 mm
Offer drawing number C 928 001 48A
Order number 1 928 403 218



Dimensions $l \times w \times h$ 31 x 10 x 4 mm
Offer drawing number C 928 001 34A
Order number 1 928 402 995

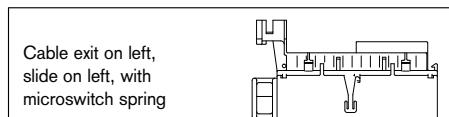


Dimensions $l \times w \times h$ 33 x 13 x 2 mm
Offer drawing number C 928 001 35A
Order number 1 928 402 996

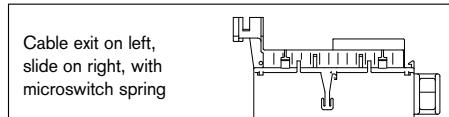
Tightening Strap

Dimensions $l \times w \times h$ 126 x 3 x 1 mm
Offer drawing number C 280 208 198
Order number 1 928 401 283

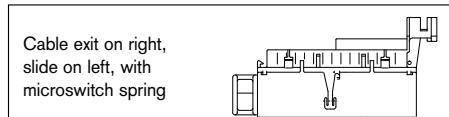
**Contact Housings, premounted
With Secondary Locking Mechanisms**



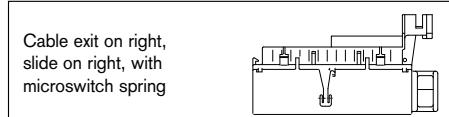
Code 1, cable exit type (1) 1 928 403 001
Code 1, cable exit type (2) 1 928 404 039
Code 1, cable exit type (2) 1 928 404 127¹



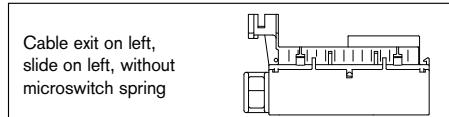
Code 1, cable exit type (1) 1 928 403 015
Code 1, cable exit type (2) 1 928 404 035



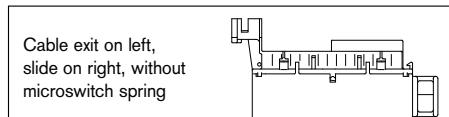
Code 1, cable exit type (1) 1 928 403 005
Code 1, cable exit type (2) 1 928 404 128
Code 1, cable exit type (1) 1 928 403 011¹



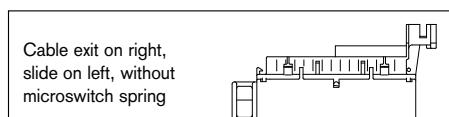
Code 1, cable exit type (1) 1 928 403 002
Code 1, cable exit type (2) 1 928 404 037
Code 1, cable exit type (1) 1 928 403 018
Code 1, cable exit type (2) 1 928 404 036¹



Code 2, cable exit type (1) 1 928 403 003
Code 2, cable exit type (1) 1 928 403 012¹



Code 2, cable exit type (1) 1 928 403 008
Code 2, cable exit type (1) 1 928 403 009¹

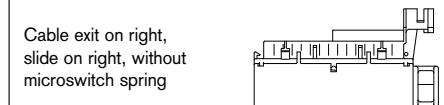


Code 2, cable exit type (1) 1 928 403 019
Code 2, cable exit type (1) 1 928 403 020¹

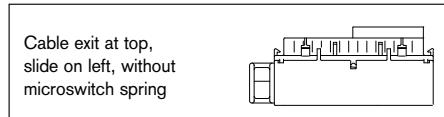
Offer Drawings for Contact Housings

without secondary locking D 928 001 12A

with secondary locking D 928 001 11A (1)
D 928 002 75A (2)

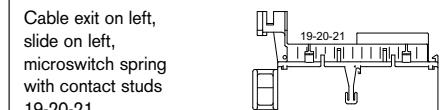


Code 2, cable exit type (1) 1 928 403 004
Code 2, cable exit type (1) 1 928 403 024¹

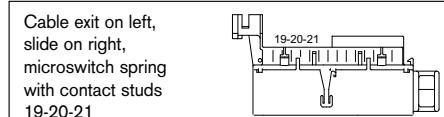


Code 2, cable exit type (1) 1 928 403 006

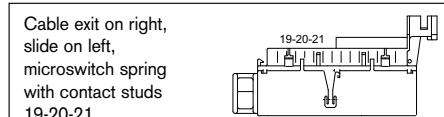
Without Secondary Locking



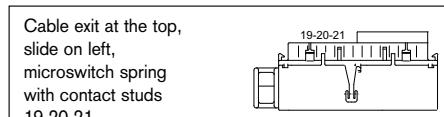
Code 1, cable exit type (1) 1 928 402 936



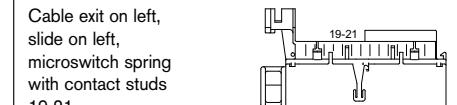
Code 1, cable exit type (1) 1 928 402 944
Code 1, cable exit type (1) 1 928 403 131¹



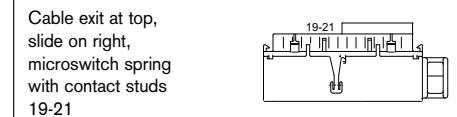
Code 1, cable exit type (1) 1 928 402 942



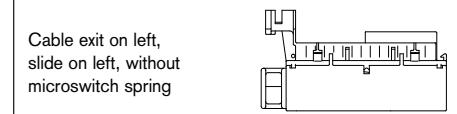
Code 1, cable exit type (1) 1 928 403 083



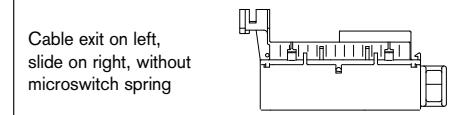
Code 2, cable exit type (1) 1 928 402 973



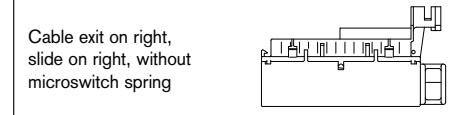
Code 2, cable exit type (1) 1 928 402 977



Code 2, cable exit type (1) 1 928 402 952
Code 2, cable exit type (1) 1 928 402 965¹



Code 2, cable exit type (1) 1 928 402 953
Code 2, cable exit type (1) 1 928 402 958¹



Code 2, cable exit type (1) 1 928 402 956
Code 2, cable exit type (1) 1 928 402 964¹

Terminals with single-wire seal

Micro-Timer



AMP-MT II

for FLR wires

Wire size range	0.2...0.5 mm ²	0.5...1.0 mm ²
AMP order no.	962 875-1	962 876-1
Gold plated	-	962 876-6
Single-wire seal	963 530-1	963 530-1

Standard-Power-Timer



AMP-SPT II

for FLR wires

Wire size range	1.5...2.5 mm ²	≤ 4 mm ²
Insulation Ø	2.2...3.0 mm	≤ 3.4...3.7 mm
AMP order no.	0-927 835-2	928 966-2
Gold plated	2-927 835-2	2-928 966-2
Single-wire seal	936 244-1	936 245-1

¹ Cavities 27...31 closed.

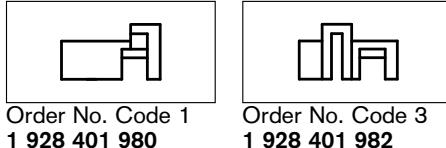
High-Way Connectors (continued)

35-Way Connector



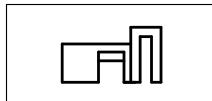
Handle Covers with coding, premounted
See dimensioned drawing for dimensions
Offer drawing number D 928 001 08A

Coding view C of handle cover

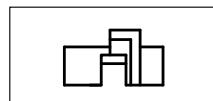


Order No. Code 1
1 928 401 980

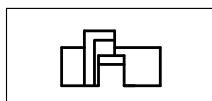
Order No. Code 3
1 928 401 982



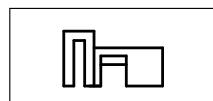
Order No. Code 5
1 928 401 984



Order No. Code 6
1 928 401 985

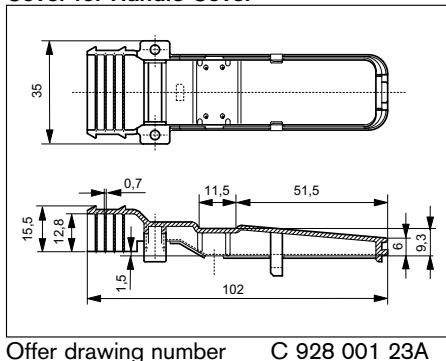


Order No. Code 7
1 928 401 986

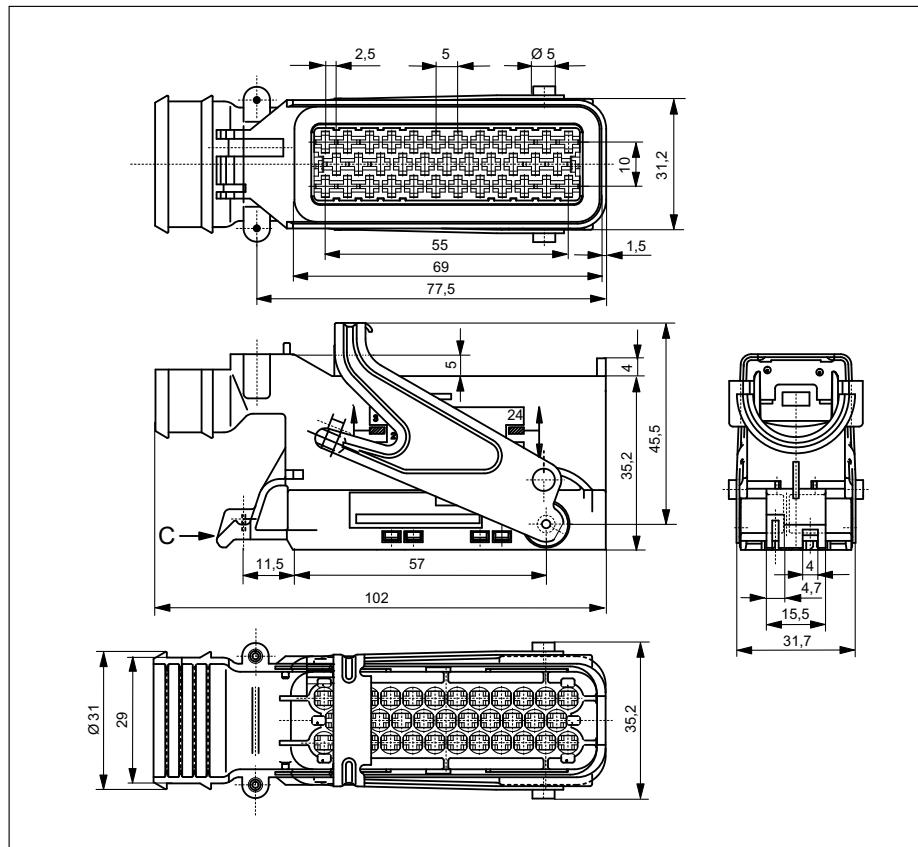


Order No. Code 8
1 928 401 987

Cover for Handle Cover



Offer drawing number C 928 001 23A
Order number 1 928 401 964



Terminals

Junior Power Timer AMP-JPT

for single-wire seal	
Wire size range	0.5...1.5 mm ²
Insulation Ø	1.2...2.0 mm
Wire type	FLR
Contact material	CuSn4
Contact surface	tin-plated
AMP order number	929 939-3
Single-wire seal	828 904-1



Accessories

Locking Piece



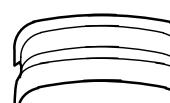
Dimensions l x w x h 88 x 2 x 8 mm
Offer drawing number C 280 202 198
Order number 1 281 099 005

Special screw



Offer drawing number C 280 208 033
Order number 1 928 491 154

Clamp Adapter



Dimensions l x w x h 22 x 9 x 11 mm
Offer drawing number C 928 001 24A
Order number 1 928 401 962

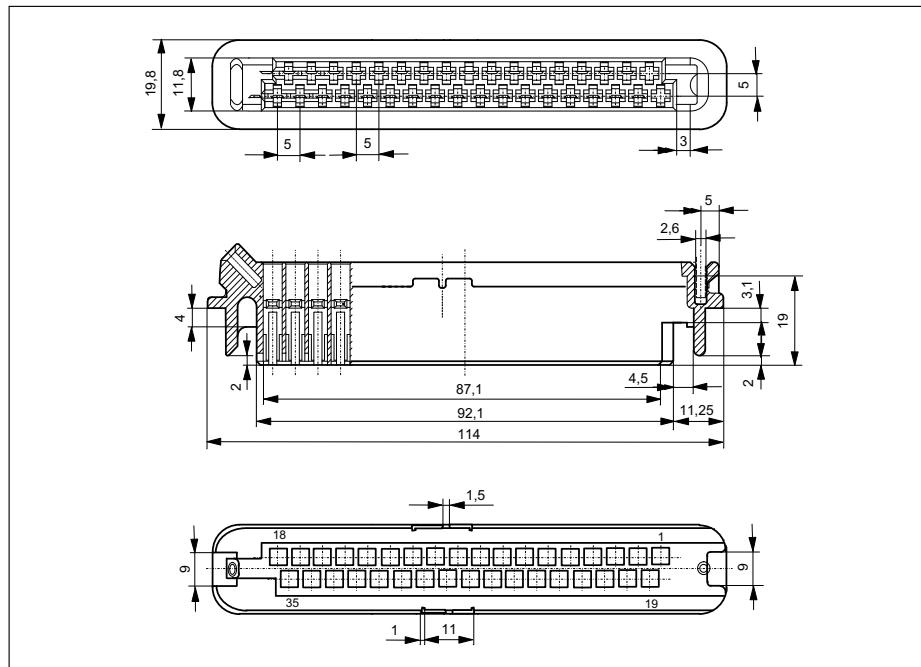
Offer drawing number C 928 001 25A
Order number 1 928 401 963

¹ Important: Unassigned cavities must be sealed with dummy plugs to ensure the degree of protection.



Handle Covers

Dimensions <i>l x w x h</i>	136 x 52 x 73 mm
Offer drawing number	C 280 209 899
Order number	1 928 401 193



Dimensions <i>l x w x h</i>	167 x 30 x 48 mm
Offer drawing number	C 265 150 077
Order number	1 928 401 113
Offer drawing number	C 265 101 360
Order number	1 928 401 114
Offer drawing number	C 281 010 200
Order number	1 928 401 123

Dimensions <i>l x w x h</i>	159 x 33 x 45 mm
Offer drawing number	D 928 001 59A
Order number	1 928 401 402

Dimensions <i>l x w x h</i>	149 x 33 x 44 mm
Offer drawing number	D 928 000 60A
Order number	1 928 401 409

Dimensions <i>l x w x h</i>	176 x 25 x 41 mm
Offer drawing number	C 928 002 19A
Order number code 1	1 928 400 898
Order number code 2	1 928 400 897
Order number code 4	1 928 400 895
Order number code 8	1 928 400 899

Contact Housings, premounted

for terminals without additional steel spring	
Offer drawing number	C 280 204 816
Order number	1 928 400 892
for terminals with additional steel spring	
Offer drawing number	C 261 203 155
Order number	1 928 401 645

Accessories

Tightening Strap

Dimensions <i>l x w x h</i>	138 x 3 x 1 mm
Offer drawing number	C 280 208 198
Order number	1 928 401 280

Locking Piece

Dimensions <i>l x w x h</i>	88 x 2 x 8 mm
Offer drawing number	C 280 204 853
Order number	1 928 400 889

Seal

Dimensions <i>l x w x h</i>	111 x 25 x 5 mm
Offer drawing number	C 280 204 793
Order number	1 928 300 182

Sealing ring

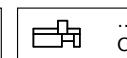
Dimensions $\varnothing \times h$	5 x 1 mm
Offer drawing no.	C 280 204 855

Order number	1 928 300 198
Dimensions $\varnothing \times h$	10 x 3 mm
Offer drawing no.	C 280 208 199

Special screw

Dimensions $l \times \varnothing$	899
Offer drawing no.	C 280 208 199
Order number	1 928 491 082

View C: Coding
of handle cover



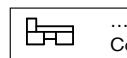
Code 1



Code 2



Code 4



Code 8

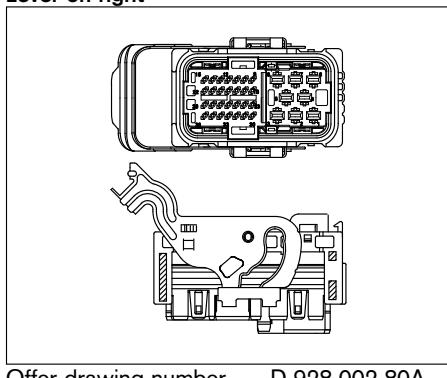
High-Way Connectors (continued)

36-Way Connector



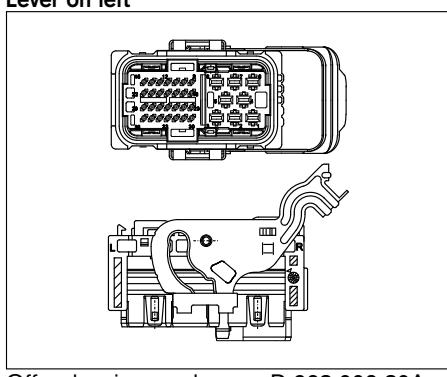
Contact Housing, premounted

Lever on right

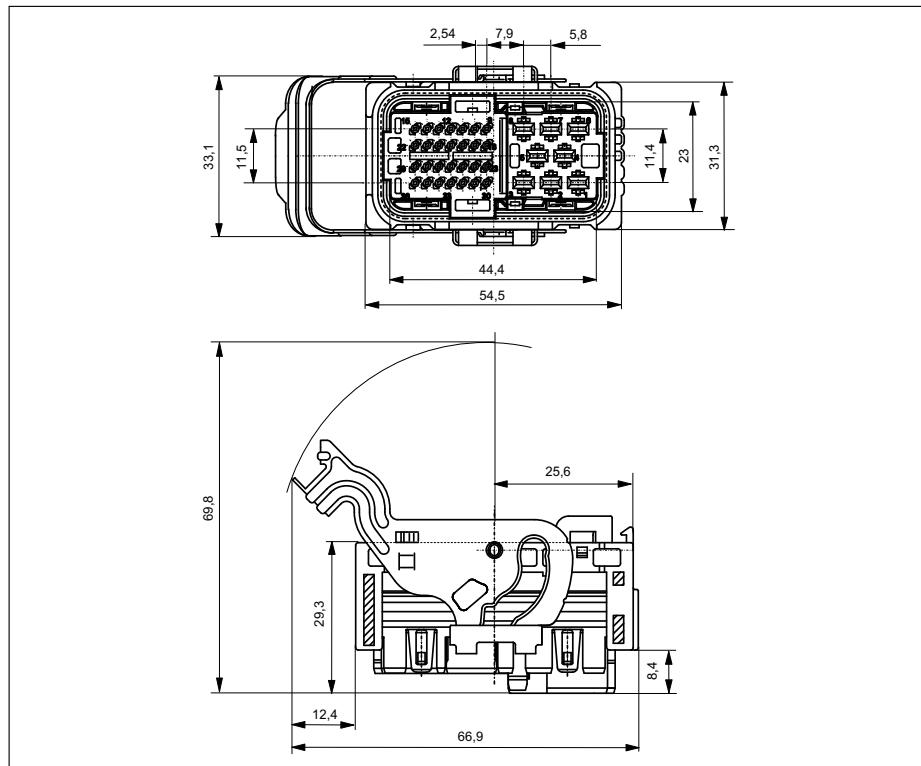


Offer drawing number D 928 002 80A
Order number 1 928 404 199

Lever on left



Offer drawing number D 928 002 80A
Order number 1 928 404 200



Terminals

Bosch Micro Terminal BMK 0.6

for FLKr wires



Wire size range 0.5...0.75 mm²

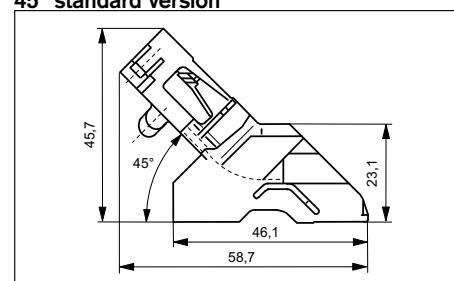
Insulation Ø ≤ 1.9 mm

Contact surface Sn 1 928 498 014

Contact surface Au 1 928 498 015

Cover

45° standard version



Offer drawing number C 928 002 88A
Order number 1 928 404 190

Bosch Damping Terminal BMK 2.8

for FLKr wires



Wire size range 0.5...1.0 mm²

Insulation Ø 1.2...2.1 mm

Contact surface Sn 1 928 498 056

Contact surface Au 1 928 498 054

Single-wire seal 1 928 300 599

Wire size range 1.5...2.5 mm²

Insulation Ø 2.2...3.0 mm

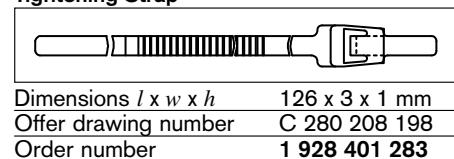
Contact surface Sn 1 928 498 057

Contact surface Au 1 928 498 055

Single-wire seal 1 928 300 600

Accessories

Tightening Strap



Dimensions l x w x h 126 x 3 x 1 mm
Offer drawing number C 280 208 198
Order number 1 928 401 283

Tightening Strap Clip

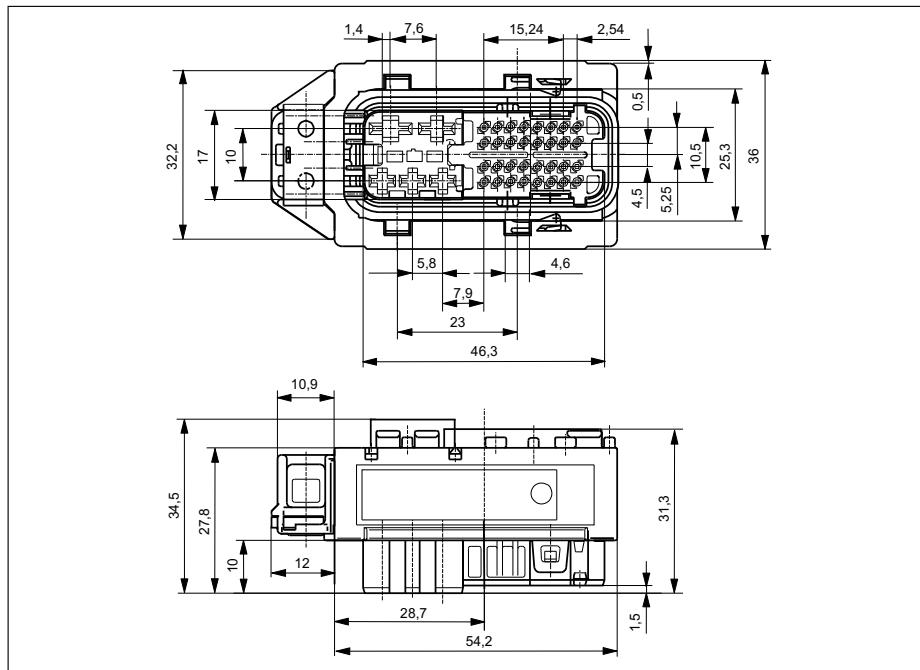


Offer drawing number C 928 003 22A
Order number 1 928 404 555

Note:

The surface material of the terminals and the suitable pins must be the same.

37-Way Connector



Contact Housing, premounted

Offer drawing number D 928 002 94A
Order number code 1 11 928 404 205

Terminals

Junior Power Timer
gold-plated, for FLR wires



Wire size range	0.5...1 mm ²	1...2.5 mm ²
Insulation Ø	1.2...2 mm	2.2...3 mm
AMP order no.	1-929 939-1	1-929 937-4
Single-wire seal	828 904-1	828 905-1
AMP dummy plug ¹	828 922-1	

Standard Power Timer
gold-plated, for FLR wires



Wire size range	2.5...4 mm ²
Insulation Ø	3.4...3.7 mm
AMP order number	1-968 037-4
Single-wire seal	963 245-1
AMP dummy plug ¹	828 922-1

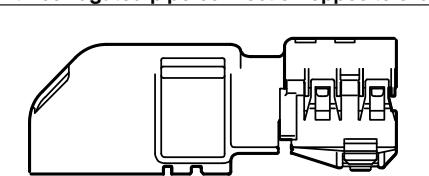
Bosch Micro Terminal
BMK 0.6
gold-plated, for FLR wires



Wire size range	0.35...0.5 mm ²
Insulation Ø	≤ 1.6 mm
Order number	1 928 498 002
with optimised pull-out strength	1 928 498 015
Wire size range	0.5...0.75 mm ²
Insulation Ø	≤ 1.9 mm
Standard type BMK 0.6	1 928 498 003
with optimised pull-out strength	1 928 498 016

Covers

With corrugated pipe connection opposite slide



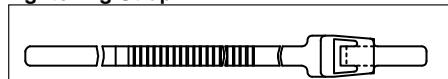
Dimensions l x w x h 92 x 39 x 34 mm

Offer drawing number C 928 003 33A

Order number 1 928 404 637

Accessories

Tightening Strap



Dimensions l x w x h 102 x 3 x 1 mm

Offer drawing number C 265 152 006

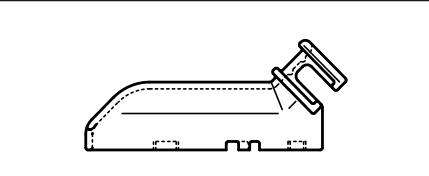
Order number 1 928 401 713

Dimensions l x w x h 126 x 3 x 1 mm

Offer drawing number C 280 208 198

Order number 1 928 401 283

Cable exit at top opposite slide

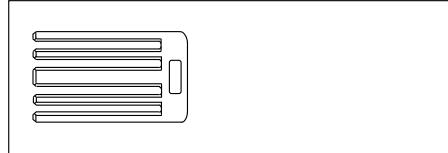


Dimensions l x b x h 59 x 30 x 25 mm

Offer drawing number C 928 002 04A

Order number 1 928 403 511

Secondary Locking

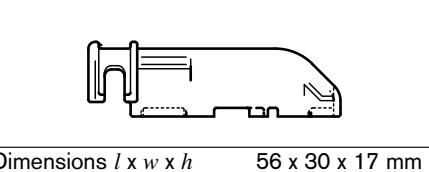


Dimensions l x w x h 25 x 15 x 2.6 mm

Offer drawing number C 928 001 96A

Order number 1 928 403 468

Cable exit flat on slide side



Dimensions l x w x h 56 x 30 x 17 mm

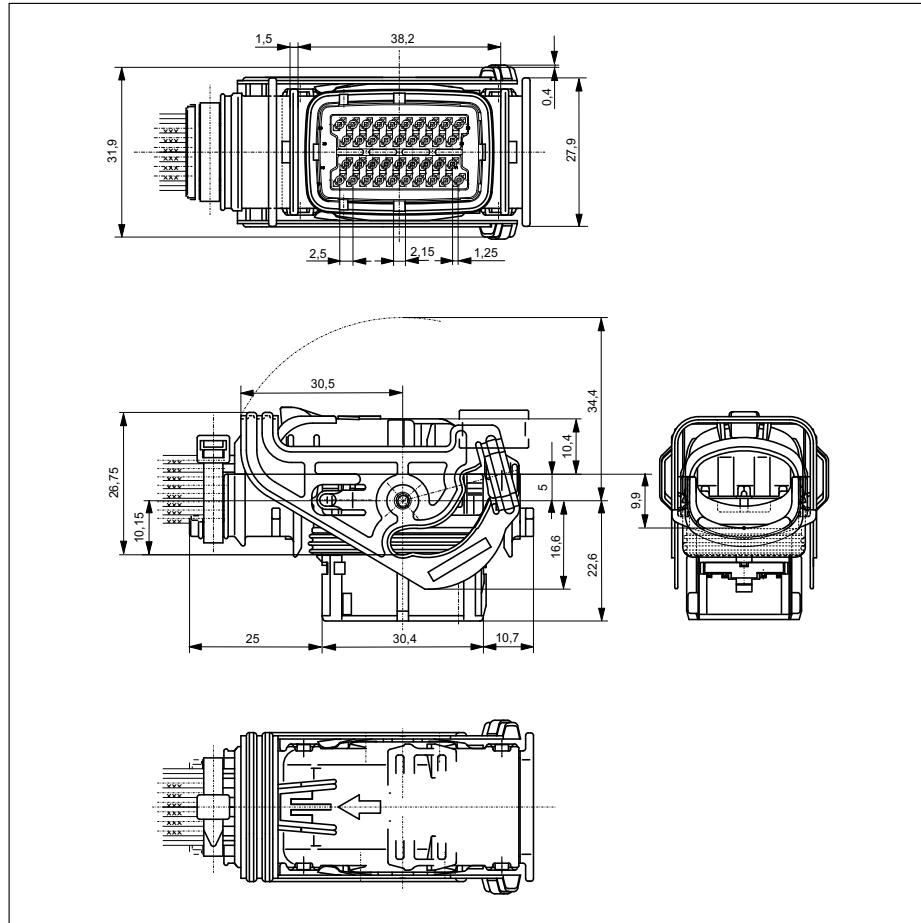
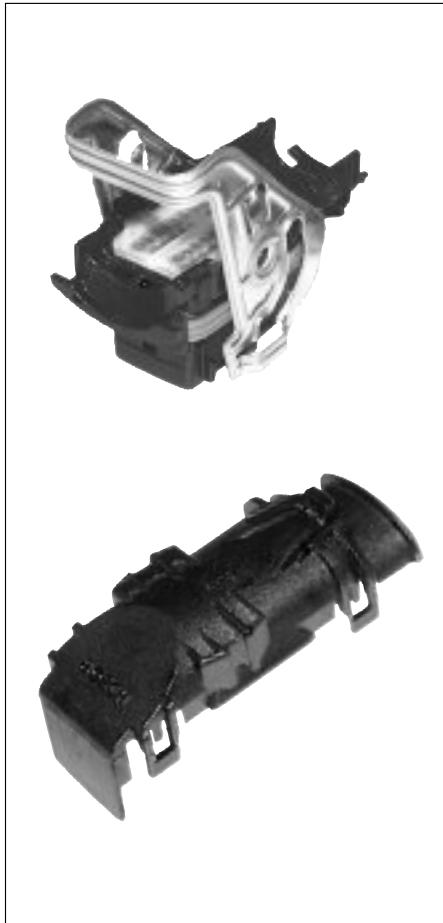
Offer drawing number C 928 001 95A

Order number 1 928 403 467

¹ For sealing unassigned cavities. Note: The surface material of the terminals and the suitable pins must be the same.

High-Way Connectors (continued)

38-Way Connector



Handle Covers, premounted

Cable exit on left

Order number code 1 1 928 403 304
Order number code 8 1 928 403 311
Offer drawing number D 928 001 02A

Cable exit on right

Order number code 1 1 928 403 820
Order number code 8 1 928 403 822
Offer drawing number D 928 001 02A

Terminals

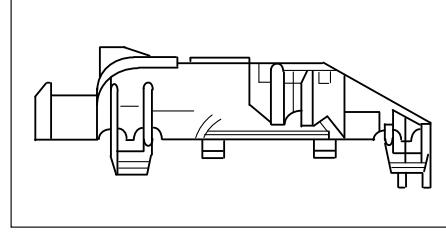


Bosch Micro Terminal BMK 0.6

Wire size range	0.5...0.75 mm ²
Wire type	FLKr
Surface material	Au
Offer drawing number	C 928 001 99A
Cavity pull-out strength 30 N	1 928 498 003
Offer drawing number	C 928 001 99A
Cavity pull-out strength 50 N	1 928 498 016

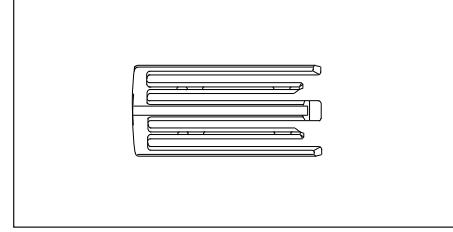
Accessories

Cover



Dimensions l x w x h 52 x 24 x 18 mm
Offer drawing number C 928 001 15A
Order number 1 928 403 316

Secondary Locking



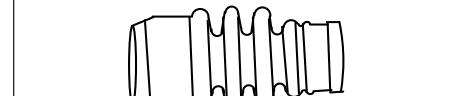
Dimensions l x w x h 31 x 2 x 15 mm
Offer drawing number C 928 001 75A
Order number 1 928 403 319

Tightening Strap



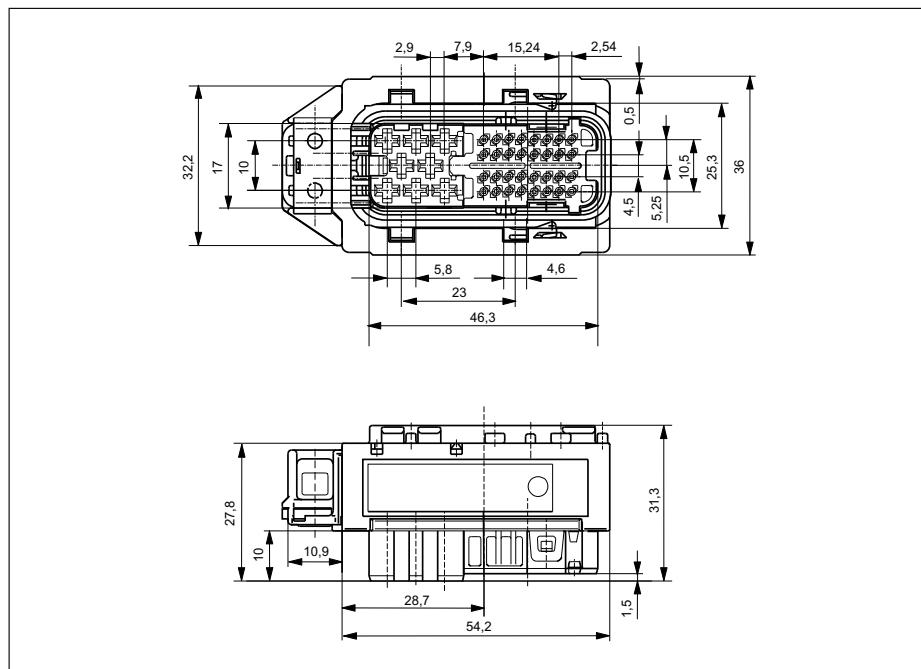
Dimensions l x w x h 102 x 3 x 1 mm
Offer drawing number C 265 152 006
Order number 1 928 401 713

Protective Sleeve



Dimensions l x Ø 51 x 25 mm
Offer drawing number C 928 001 74A
Order number 1 928 300 520

40-Way Connector



Contact Housings, premounted

Offer drawing number	D 928 001 45A
Order number code 0	1 928 403 462
Order number code 2	1 928 404 777

Terminals

Junior Power Timer
for FLR wires



Manufacturer: AMP	
Wire size range	0.5...1 mm ²
	1...2.5 mm ²
Insulation Ø	1.2...2 mm
	2.2...3 mm
Contact material	Cu Sn 4
Surface Sn	929 939-3
Surface Au	2-929 939-1
Single-wire seal	828 904-1
Dummy plug ¹	828 922-1

¹ For sealing unassigned cavities.

Bosch Micro Terminal
BMK 0.6



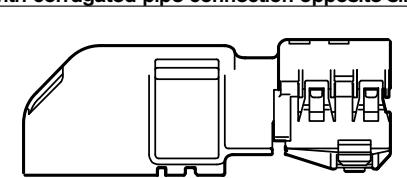
for FLR wires	
Wire size range	0.35...0.5 mm ²
Insulation Ø	≤ 1.6 mm
Surface Sn	1 928 498 000
with optimised pull-out strength	1 928 498 013
Surface Au	1 928 498 002
with optimised pull-out strength	1 928 498 015

Wire size range	0.5...0.75 mm ²
Insulation Ø	≤ 1.9 mm
Surface Sn	1 928 498 000
with optimised pull-out strength	1 928 498 014
Surface Au	1 928 498 003
with optimised pull-out strength	1 928 498 016

Note: The surface material of the terminals and the suitable pins must be the same.

Covers

With corrugated pipe connection opposite slide



Dimensions l x w x h 92 x 39 x 34 mm

Offer drawing number	C 928 003 33A
Order number	1 928 404 637

Accessories

Tightening Strap



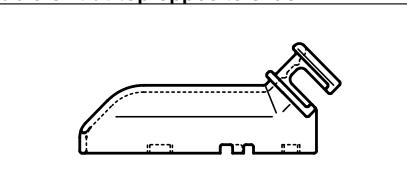
Dimensions l x w x h 102 x 3 x 1 mm

Offer drawing number	C 265 152 006
Order number	1 928 401 713

Dimensions l x w x h 126 x 3 x 1 mm

Offer drawing number	C 280 208 198
Order number	1 928 401 283

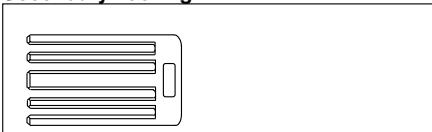
Cable exit at top opposite slide



Dimensions l x b x h 59 x 30 x 25 mm

Offer drawing number	C 928 002 04A
Order number	1 928 403 511

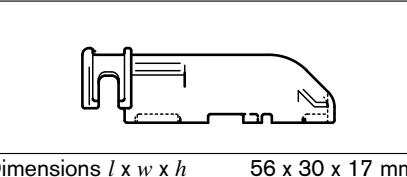
Secondary Locking



Dimensions l x w x h 25 x 15 x 2.6 mm

Offer drawing number	C 928 001 96A
Order number	1 928 403 468

Cable exit flat on slide side

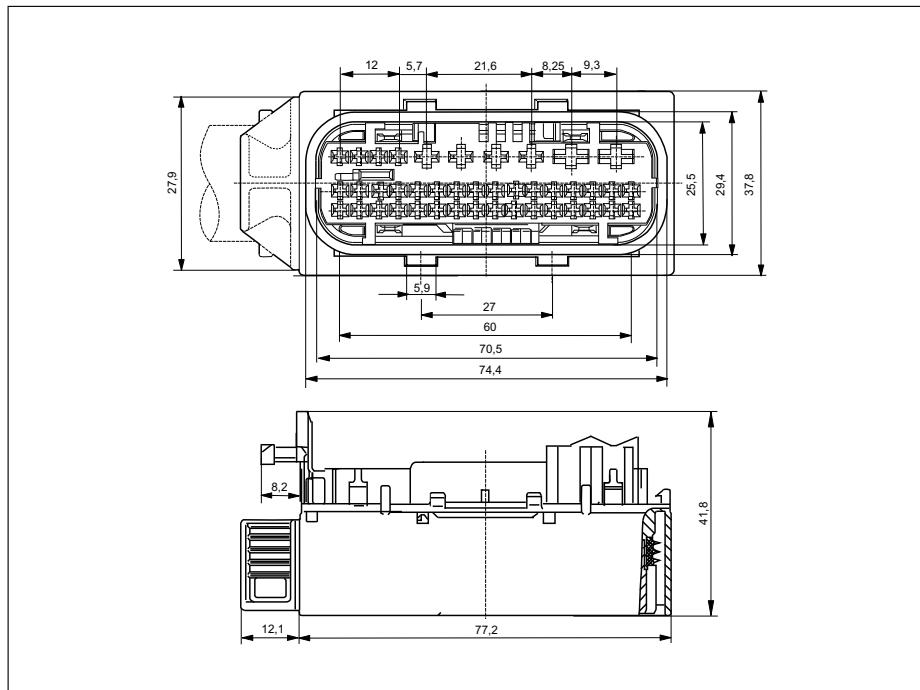
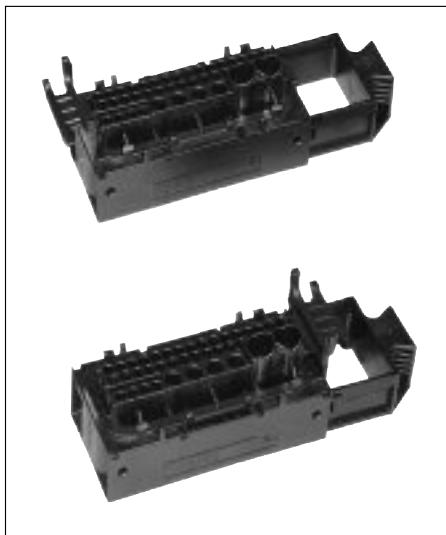


Dimensions l x w x h 56 x 30 x 17 mm

Offer drawing number	C 928 001 95A
Order number	1 928 403 467

High-Way Connectors (continued)

42-Way Connector



Terminals

Micro Timer MTIIA

Wire size range	Insulation Ø	Order No.
0.2...0.5 mm ²	1.2...1.6 mm	969 019-2
0.5...1.0 mm ²	1.4...2.1 mm	964 275-2

Insulation Ø	Single-Wire Seal	Dummy Plug
1.2...1.6 mm	964 971-1	963 531-1
1.4...1.9 mm	963 530-1	
1.9...2.1 mm	964 972-1	

Junior Power Timer JPTA

Wire size range	Insulation Ø	Order No.
0.2...0.5 mm ²	1.2...2.3 mm	964 281-2
0.5...1.0 mm ²	1.4...2.7 mm	964 285-2
1.0...2.5 mm ²	2.2...3.7 mm	964 287-2

Insulation Ø	Single-Wire Seal	Dummy Plug
1.2...2.1 mm	963 294-1	828 922-1
2.0...2.7 mm	963 293-1	
2.7...3.0 mm	963 292-1	

Standard Power Timer SPTA

Wire size range	Insulation Ø	Order No.
1.0...2.5 mm ²	2.2...3.7 mm	964 331-1
2.5...4.0 mm ²	3.4...4.5 mm	964 333-1

Insulation Ø	Single-Wire Seal	Dummy Plug
2.8...3.0 mm	1 928 300 733	-
3.4...3.8 mm	1 928 300 732	

Contact Housings, premounted

Offer drawing no. C 928 002 62A

Code Z with lever	Order Number Contact Housing	Corresponding Cover
Cable exit on left	1 928 403 941	1 928 403 939
Slide on right		

Cable exit on left 1 928 403 942 1 928 403 940

Slide on left

Cable exit on right 1 928 403 943 1 928 403 940

Slide on right

Cable exit on right 1 928 403 944 1 928 403 939

Slide on left

Code D with lever	Order Number Contact Housing	Corresponding Cover
Cable exit on left	1 928 404 071	1 928 403 939
Slide on right		

Cable exit on left 1 928 404 077 1 928 403 940

Slide on left

Cable exit on right 1 928 404 078 1 928 403 940

Slide on right

Cable exit on right 1 928 404 079 1 928 403 939

Slide on left

Code E with lever	Order Number Contact Housing	Corresponding Cover
Cable exit on left	1 928 404 080	1 928 403 939
Slide on right		

Cable exit on left 1 928 404 081 1 928 403 940

Slide on left

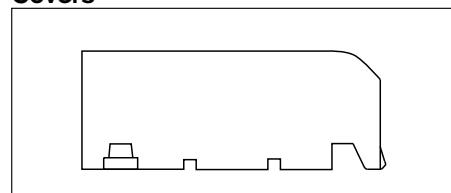
Cable exit on right 1 928 404 082 1 928 403 940

Slide on right

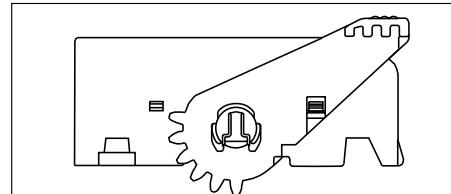
Cable exit on right 1 928 404 083 1 928 403 939

Slide on left

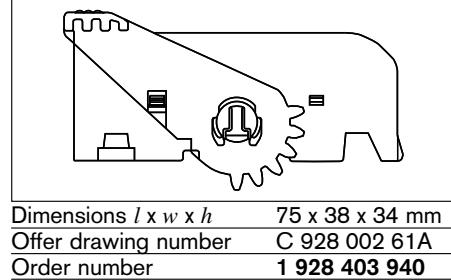
Covers



Dimensions l x w x h 73 x 34 x 29 mm
Offer drawing number C 928 002 70A
Order number 1 928 403 938

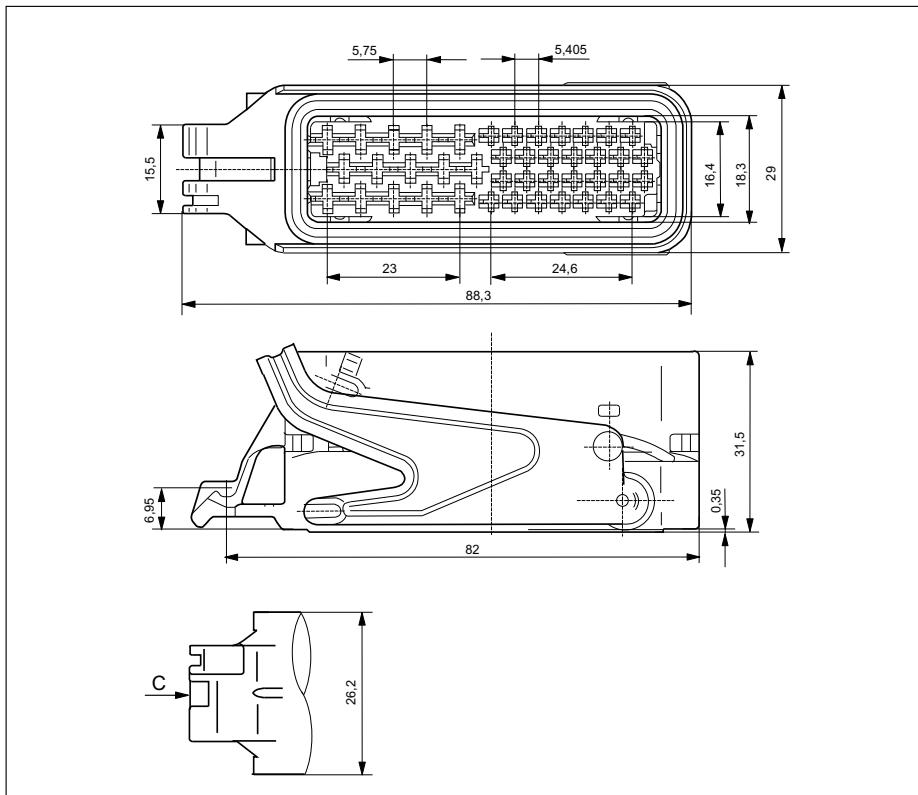


Dimensions l x w x h 75 x 38 x 34 mm
Offer drawing number C 928 002 61A
Order number 1 928 403 939



Dimensions l x w x h 75 x 38 x 34 mm
Offer drawing number C 928 002 61A
Order number 1 928 403 940

43-Way Connector



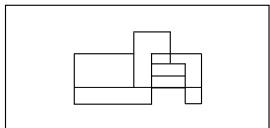
Handle Cover, premounted

Order number code 2	1 928 403 419
Order number code 4	1 928 403 421
Order number code 6	1 928 403 340
Order number code 8	1 928 403 341
Offer drawing number	D 928 001 26A

Coding

Different shape clip-ins at point C are used to determine the cable coding.

View C



Coding

Code 2

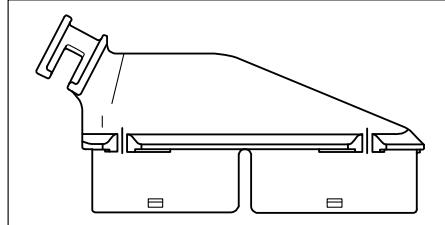
Code 4

Code 6

Code 8

Cover

Cable exit on the left shown



Dimensions $l \times w \times h$ 78 x 26 x 40 mm

Offer drawing number C 928 001 88A

Order number **1 928 403 335**

Turn 180° prior to installation for cable exit on right side.

Accessories

Tightening Strap



Dimensions $l \times w \times h$ 126 x 3 x 1 mm

Offer drawing number C 280 209 014

Order number **1 928 401 283**

Terminals

Micro Timer MTIIA with single-wire seal

Company

Wire size range 0.35...0.5 mm²

Insulation Ø 1.2...2.0 mm

MTIIA terminal **1 928 498 196** Bosch

Single-wire seal **963 530-1** AMP



Wire size range 0.5...1.0 mm²

Insulation Ø 1.2...2.0 mm

MTIIA terminal **1 928 498 198** Bosch

Single-wire seal **963 530-1** AMP



Junior Power Timer JPT

with single-wire seal

Wire size range 0.35...0.5 mm²

Insulation Ø 1.2...2.0 mm

JPT terminal **1 928 498 194** Bosch

Single-wire seal **828 904** AMP

Wire size range 0.5...1.0 mm²

Insulation Ø 1.2...2.0 mm

JPT terminal **1 928 498 195** Bosch

Single-wire seal **828 904** AMP

Wire size range 1.0...2.5 mm²

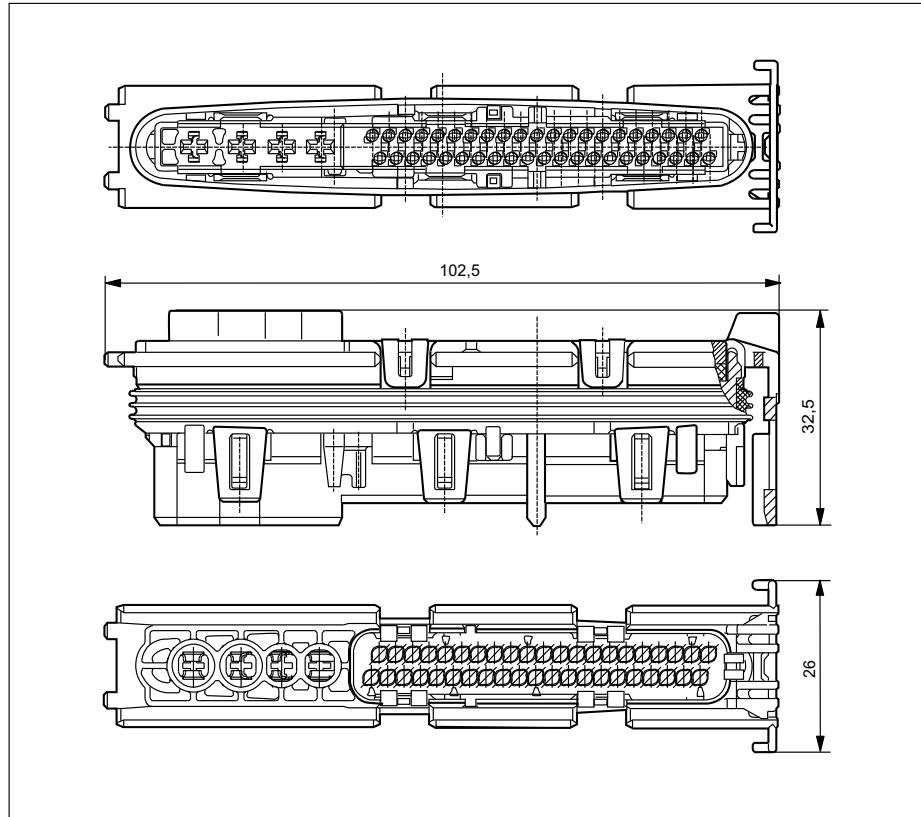
Insulation Ø 2.2...3.0 mm

JPT terminal **1 928 498 197** Bosch

Single-wire seal **828 905-1** AMP

High-Way Connectors (continued)

46-Way Connector



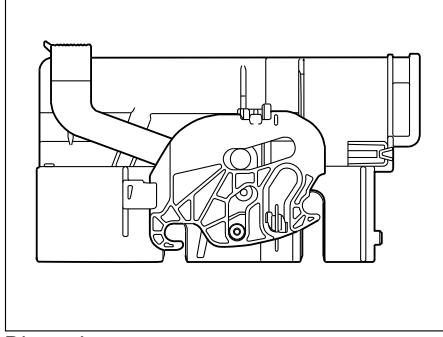
Contact Housings, premounted

Cable exit on the right

without protective cap	1 928 404 623
with protective cap	1 928 404 624
Offer drawing number	D 928 003 15A

Handle Cover, premounted

Cable exit on the right, code 1



Dimensions *l* x *w* x *h* 103 x 29 x 66 mm
Offer drawing number C 928 003 16A
Order number **1 928 404 621**

Terminals for FLR wires

Bosch Micro Terminal

BMK 0.6, tin-plated	
Wire size range	0.35...0.5 mm ²
Insulation Ø	≤ 1.6 mm
Contact material	Cu Sn 4 P
BMK 0.6	1 928 498 013 Bosch

Wire size range

Insulation Ø	≤ 1.9 mm
Contact material	Cu Sn 4 P
BMK 0.6	1 928 498 014 Bosch

Multiple Contact Point MCP 2.8

with single-wire seal

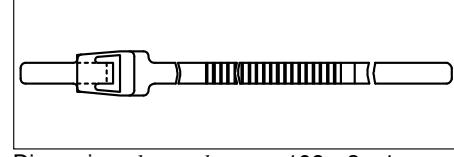
Wire size range	1.5...2.5 mm ²
Insulation Ø	≤ 3.0 mm
Contact material	Cu Ni Si
MCP 2.8	1-968 857-1 AMP
Single-wire seal	828 905-1 AMP

Wire size range

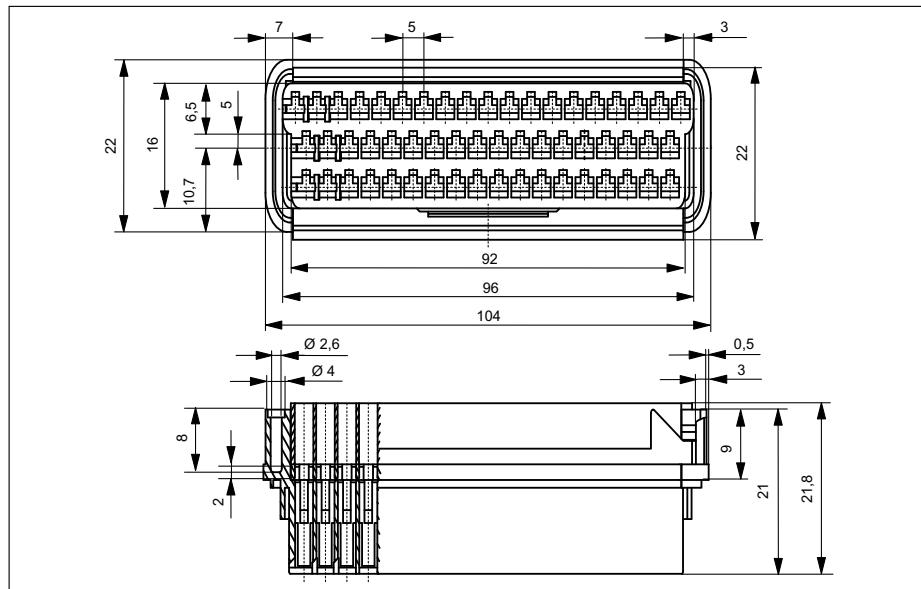
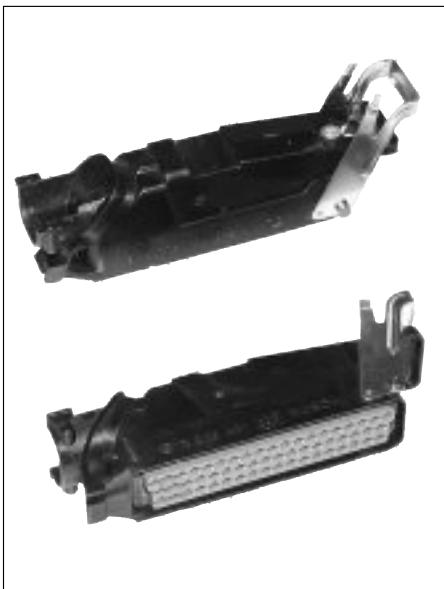
Insulation Ø	≤ 3.7 mm
Contact material	Cu Ni Si
MCP 2.8	1-968 859-1 AMP
Single-wire seal	828 985-1 AMP

Accessories

Tightening Strap

Dimensions *l* x *w* x *h* 102 x 3 x 1 mmOffer drawing number C 265 152 006
Order number **1 928 401 713**

55-Way Connector



Contact Housings, premounted

Symmetric for terminals with additional steel spring	1 928 401 625
Offer drawing number	D 261 204 134
Asymmetric for terminals without additional steel spring	1 928 401 316
Offer drawing number	D 261 200 473

Terminals



Junior Power Timer JPT 2.8

Wire Size Range	AMP No.	Molex Number
without steel spring for FLK wires, tin-plated 0.5...1.5 mm ²	925 590-2	90 020-0102
1...2.5 mm ²	925 595-2	90 020-0302

with steel spring for FLK wires, tin-plated

0.5...1.5 mm² **927 775-3** –

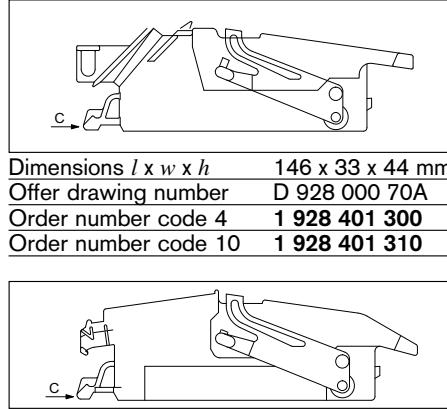
1...2.5 mm² **927 773-3** –

without steel spring for FLKr/FLX wires, tin-plated 0.5...1.5 mm ²	927 845-2	90 020-0202
1...2.5 mm ²	927 856-2	90 020-0402

Wire Size Range	AMP No.	GHW Number
with steel spring for FLKr/FLX wires, tin-plated 0.2...0.35 mm ²	927 774-3	26177.201.179
0.5...1.5 mm ²	927 771-3	26178.201.179
1...2.5 mm ²	927 768-3	26179.201.179

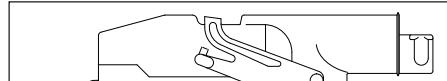
with steel spring for FLKr/FLX wires, silver-plated 0.2...0.35 mm ²	927 774-6	–
0.5...1.5 mm ²	927 771-6	–
1...2.5 mm ²	927 768-6	–

Handle Covers, premounted

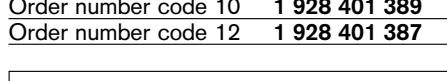


Dimensions l x w x h	146 x 33 x 44 mm
Offer drawing number	D 928 000 70A
Order number code 4	1 928 401 300

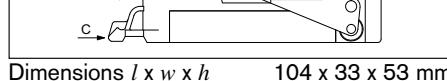
Order number code 10 **1 928 401 310**



Dimensions l x w x h	139 x 28 x 44 mm
Offer drawing number	D 928 001 00A
Order number code 8	1 928 402 950



Dimensions l x w x h	160 x 33 x 45 mm
Offer drawing number	D 928 000 71A
Order number code 10	1 928 401 389



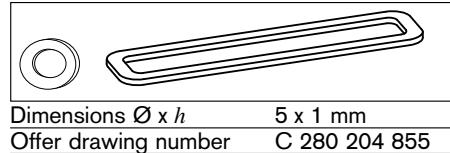
Dimensions l x w x h	104 x 33 x 53 mm
Offer drawing number	D 928 000 63A
Order number code 10	1 928 402 146

Accessories

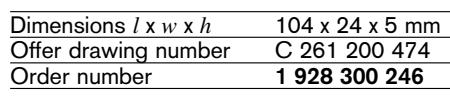
Tightening Strap

	Dimensions l x w x h	126 x 3 x 1 mm
	Offer drawing number	C 280 208 198
	Order number	1 928 401 283

Seals

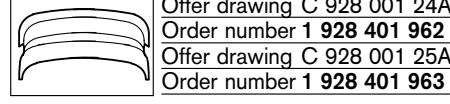


Dimensions Ø x h	5 x 1 mm
Offer drawing number	C 280 204 855
Order number	1 928 300 198



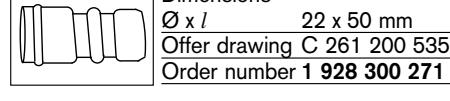
Dimensions l x w x h	104 x 24 x 5 mm
Offer drawing number	C 261 200 474
Order number	1 928 300 246

Clamp Adapter



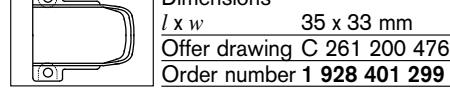
Offer drawing	C 928 001 24A
Order number	1 928 401 962
Offer drawing	C 928 001 25A
Order number	1 928 401 963

Protective Sleeve



Dimensions Ø x l	22 x 50 mm
Offer drawing	C 261 200 535
Order number	1 928 300 271

Clamp



Dimensions l x w	35 x 33 mm
Offer drawing	C 261 200 476
Order number	1 928 401 299

High-Way Connectors (continued)

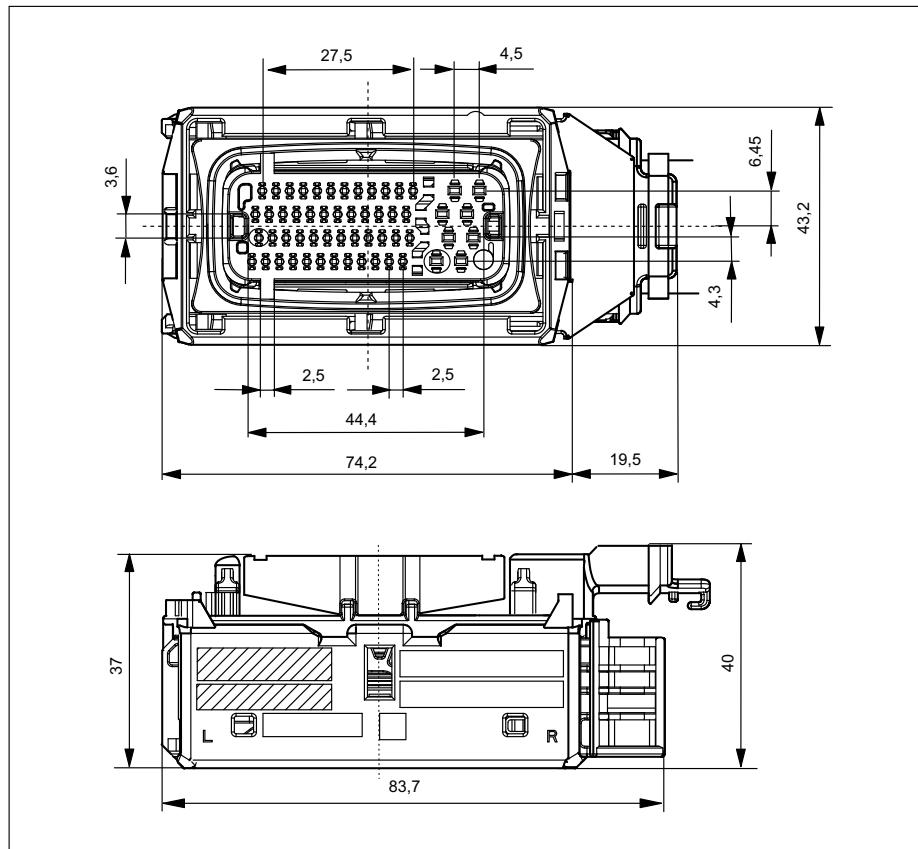
56-Way Connector



Handle Covers, premounted

Cable exit on the right, slide on the right

Order number code 1	1 928 404 329
Order number code 8	1 928 404 330
Offer drawing number	D 928 002 76A



Terminals



**Bosch Micro Terminal
BMK 0.6-D**

Wire size range	0.35...0.5 mm ²
Insulation Ø	≤ 1.9 mm
Offer drawing number	D 928 002 84A
Order number	1 928 498 008

Wire size range	0.5...0.75 mm ²
Insulation Ø	≤ 1.9 mm
Offer drawing number	D 928 002 84A
Order number	1 928 498 006

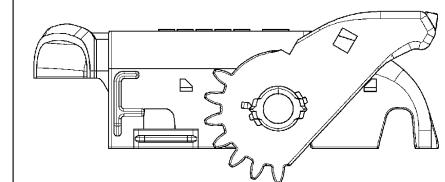


**Bosch Micro Terminal
BMK 1.5-D**

Wire size range	1.5...2.5 mm ²
Insulation Ø	≤ 1.9 mm
Offer drawing number	D 928 002 85A
Order number	1 928 498 007

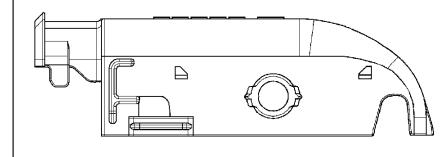
Covers

premounted with lever



Dimensions l x w x h	80 x 42 x 28 mm
Offer drawing number	D 928 003 25A
Order number	1 928 404 513

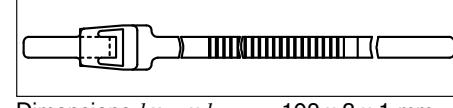
without lever



Dimensions l x w x h	80 x 42 x 25 mm
Offer drawing number	C 928 002 84A
Order number	1 928 404 322

Accessories

Tightening Strap



Dimensions l x w x h	102 x 3 x 1 mm
Offer drawing number	C 265 152 006
Order number	1 928 401 713

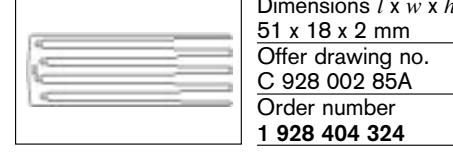
Dimensions l x w x h	45 x 12 x 1 mm
Offer drawing number	C 928 002 017
Order number	1 928 403 358

Seal



Dimensions l x w x h	68 x 28 x 5 mm
Offer drawing no.	C 928 000 28A
Order number	1 928 300 427

Secondary locking



Dimensions l x w x h	51 x 18 x 2 mm
Offer drawing no.	C 928 002 85A
Order number	1 928 404 324

64-Way Connector



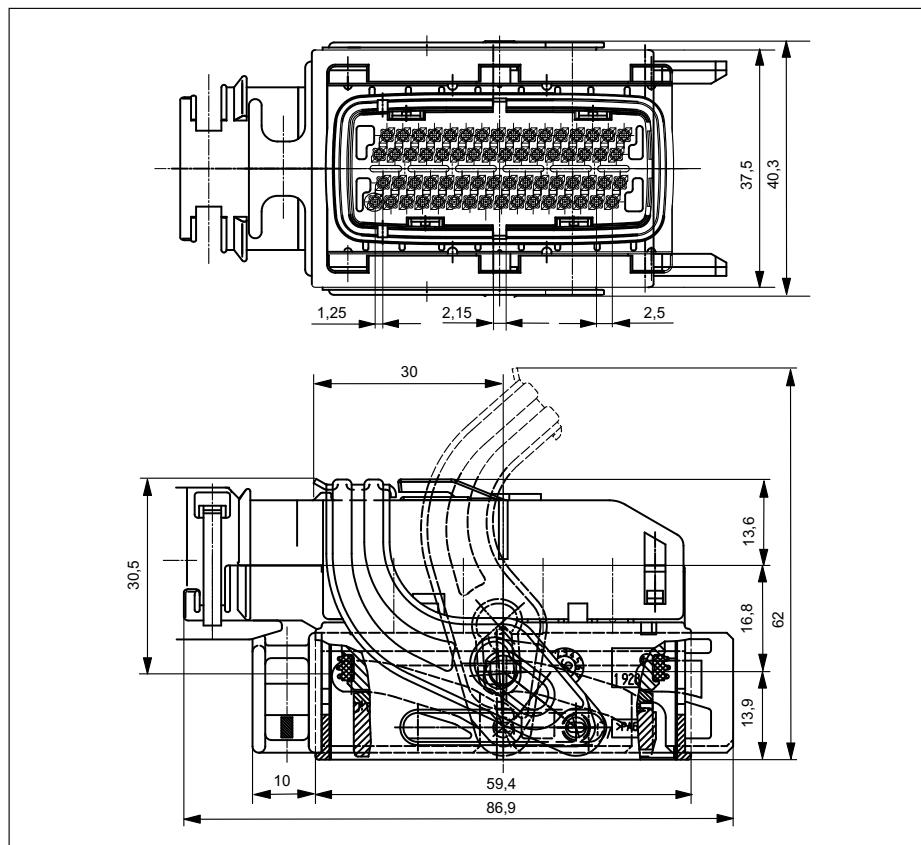
Contact Housing

Offer drawing number 1 928 A00 020
Order number 1 928 404 785

Terminals

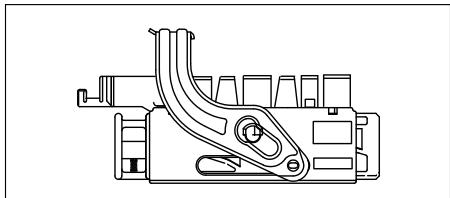
Bosch Micro Terminal BMK 0.6

Wire size range 0.35...0.5 mm²
Wire type FLKr
Contact surface Au
Cable pull-out strength 30 N 1 928 498 003
Cable pull-out strength 50 N 1 928 498 016



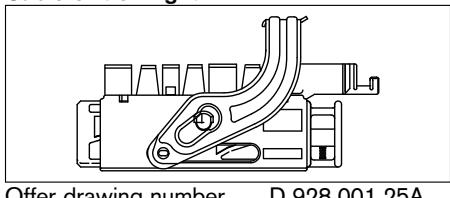
Handle Covers, premounted

Cable exit on left



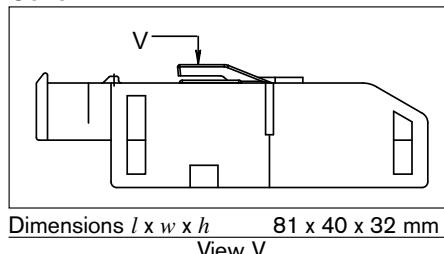
Offer drawing number D 928 001 25A
Dimensions l x w x h 81 x 40 x 32 mm
Order number 1 928 403 379
Order number code 8 1 928 403 386

Cable exit on right

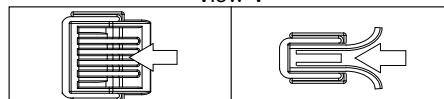


Offer drawing number D 928 001 25A
Dimensions l x w x h 81 x 40 x 32 mm
Order number 1 928 403 513
Order number code 8 1 928 403 514

Cover

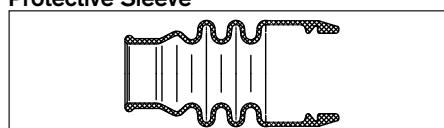


Dimensions l x w x h 81 x 40 x 32 mm
View V



Offer drawing number C 928 002 29A
Offer drawing number C 928 003 12A
Order number 1 928 403 393
Order number 1 928 404 362

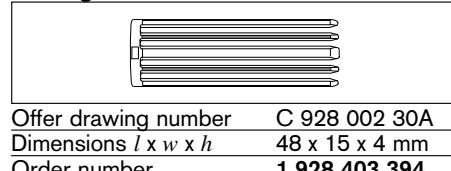
Protective Sleeve



Offer drawing number C 928 001 74A
Dimensions l x Ø 51 x 25 mm
Order number 1 928 300 520

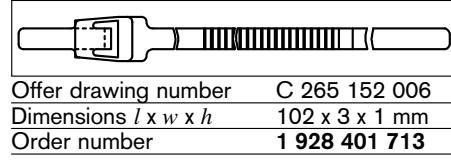
Accessories

Locking Pusher



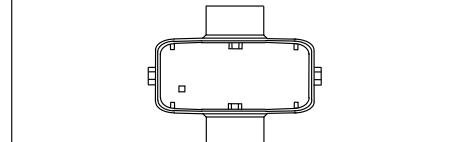
Offer drawing number C 928 002 30A
Dimensions l x w x h 48 x 15 x 4 mm
Order number 1 928 403 394

Tightening Strap



Offer drawing number C 265 152 006
Dimensions l x w x h 102 x 3 x 1 mm
Order number 1 928 401 713

Transport Protection



Offer drawing number C 928 002 87A
Dimensions l x w x h 58 x 46 x 18 mm
Order number 1 928 404 068

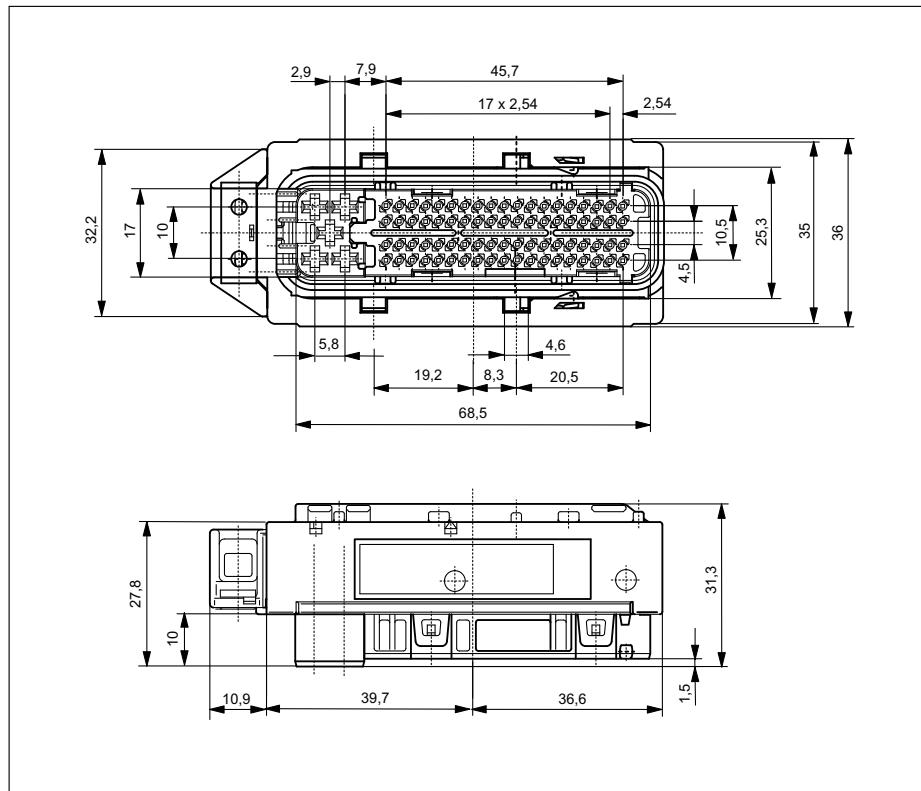
High-Way Connectors (continued)

81-Way Connector



Contact Housing, premounted

Offer drawing number D 928 001 44A
Order number 1 928 403 454
See dimensioned drawing for dimensions



Terminals

Bosch Micro Terminal
BMK 0.6 for FLR wires



Wire size range	0.35...0.5 mm ²
Insulation Ø	≤ 1.6 mm
Surface Sn	1 928 498 000
optimised pull-out strength	1 928 498 013
Surface Au	1 928 498 002
optimised pull-out strength	1 928 498 015

Wire size range	0.5...0.75 mm ²
Insulation Ø	≤ 1.9 mm
Surface Sn	1 928 498 001
optimised pull-out strength	1 928 498 014
Surface Au	1 928 498 003
optimised pull-out strength	1 928 498 016

AMP Junior Power Timer

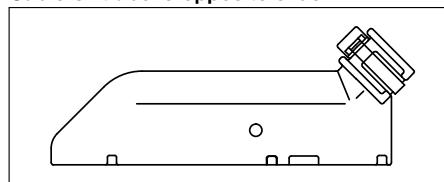


JPT 2.8	for FLR wires
with single-wire seal	
Wire size range	0.5...1 mm ²
Insulation Ø	1.2...2 mm
Surface Sn	929 939-3
Surface Au	2-929 939-1
Single-wire seal	828 904-1

Wire size range	1...2.5 mm ²
Insulation Ø	2.2...3 mm
Surface Sn	929 937-3
Surface Au	2-929 937-1
Single-wire seal	828 905-1

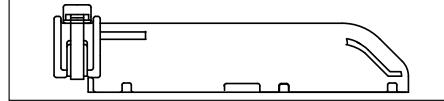
Cover

Cable exit above opposite slide



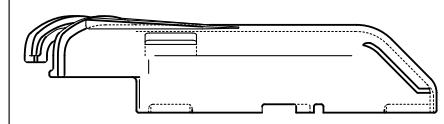
Dimensions l x w x h 79 x 30 x 30 mm
Offer drawing number C 928 002 21A
Order number 1 928 403 609

Cable exit flat on slide side



Dimensions l x w x h 78 x 30 x 17 mm
Offer drawing number C 928 001 92A
Order number 1 928 403 459

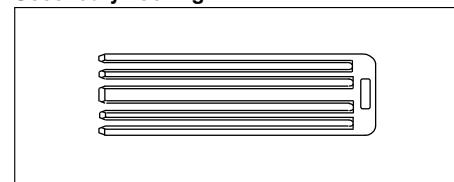
Cable exit 45° on slide side



Dimensions l x w x h 94 x 30 x 20 mm
Offer drawing number C 928 002 27A
Order number 1 928 403 856

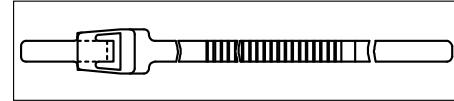
Accessories

Secondary Locking



Dimensions l x w x h 53 x 15 x 2.6 mm
Offer drawing number C 928 001 93A
Order number 1 928 403 460

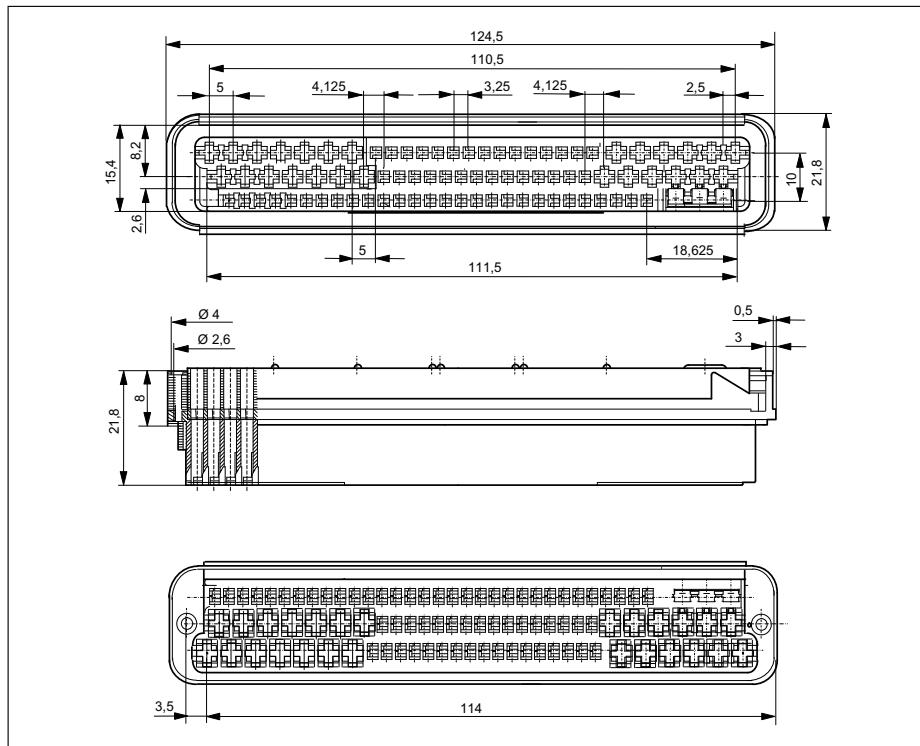
Tightening Strap



Dimensions l x w x h 126 x 3 x 1 mm
Offer drawing number C 280 208 198A
Order number 1 928 401 283

Dimensions l x w x h 102 x 3 x 1 mm
Offer drawing number C 265 152 006A
Order number 1 928 401 713

83-Way Connector



Contact Housing, premounted

Offer drawing number	D 928 000 29A
with microswitch spring	1 928 402 160
without microswitch spring	1 928 402 768

Terminals

Junior Power Timer
with additional steel spring
tin-plated for FLK wires



Wire size range	0.5...1.5 mm ²
AMP order number	927 775-3

Wire size range	1.0...2.5 mm ²
AMP order number	927 773-3

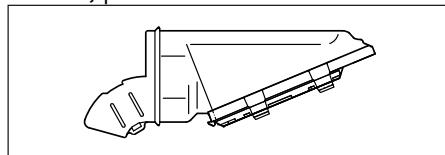
for FLKr/FLX wires	
Wire size range	0.35...0.75 mm ²
AMP order number	927 774-3

Wire size range	0.5...1.5 mm ²
AMP order number	927 771-3
partially gold-plated	927 771-9

Wire size range	1.0...2.5 mm ²
AMP order number	927 768-3

Micro Timer MT I 1.6	
with additional steel spring for FLKr/FLX wires	
Wire size range	0.35...0.75 mm ²
AMP order number	928 939-1

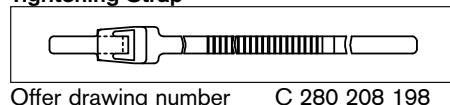
Sleeve, premounted



Offer drawing number	D 928 001 19A
Dimensions l x w x h	103 x 27 x 38 mm
Order number	1 928 403 075

Accessories

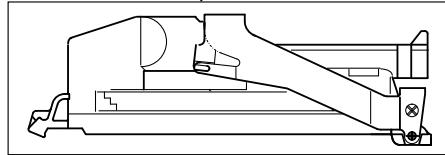
Tightening Strap



Offer drawing number	C 280 208 198
Dimensions l x w x h	126 x 3 x 1 mm
Order number	1 928 401 283
Dimensions l x w x h	163 x 3 x 1 mm

Order number 1 928 401 331

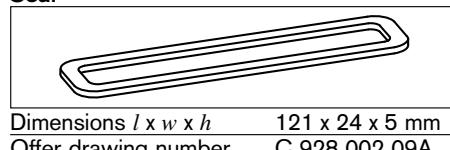
Handle Covers, premounted



Dimensions l x w x h	160 x 30 x 46 mm
Offer drawing number	A 928 401 764
Order number code 21	1 928 402 174

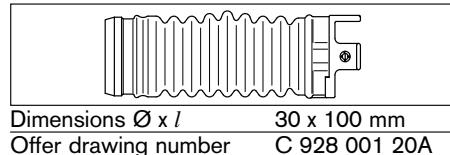
Order number code 22 1 928 402 175

Seal



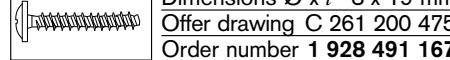
Dimensions l x w x h	121 x 24 x 5 mm
Offer drawing number	C 928 002 09A
Order number	1 928 300 283

Protective Sleeve



Dimensions Ø x l	30 x 100 mm
Offer drawing number	C 928 001 20A
Order number	1 928 300 471

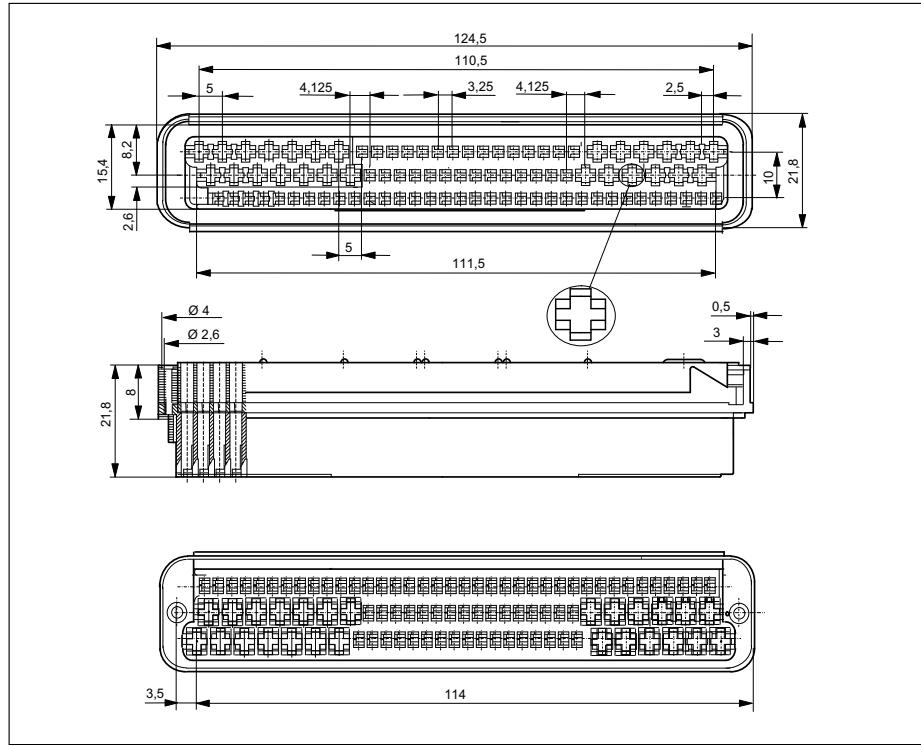
Special screw



Dimensions Ø x l	3 x 19 mm
Offer drawing	C 261 200 475
Order number	1 928 491 167

High-Way Connectors (continued)

88-Way Connector



Contact Housing, premounted
with symmetric contact cavities

Offer drawing number D 928 000 21A
Order number 1 928 403 122

Terminals

Junior Power Timer



JPT 2.8
with additional steel spring
tin-plated for FLK wires

Wire size range 0.5...1.5 mm²
AMP order number 927 775-3

Wire size range 1.0...2.5 mm²
AMP order number 927 773-3

tin-plated for FLKr and FLX wires

Wire size range 0.35...0.75 mm²
AMP order number 927 774-3

Wire size range 0.5...1.5 mm²
AMP order number 927 771-3
partially gold-plated 927 771-9

Wire size range 1.0...2.5 mm²
AMP order number 927 768-3

Micro Timer

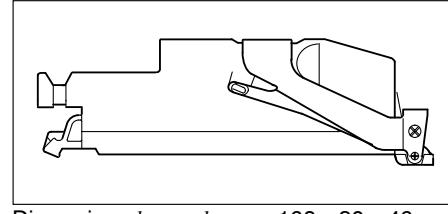


MT I 1.6
with additional steel spring
for FLKr/FLX wires

Wire size range 0.35...0.75 mm²
AMP order number 928 939-1

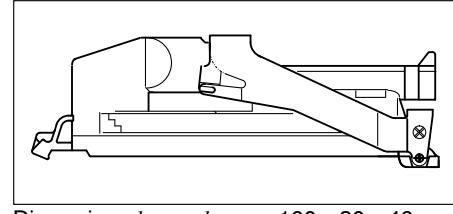
Handle Covers, premounted

Cable exit on coding side

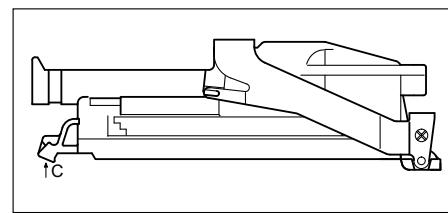


Dimensions l x w x h 162 x 30 x 46 mm
Offer drawing number D 261 203 073
Order number code 8 1 928 401 594

Cable exit opposite coding side



Dimensions l x w x h 160 x 30 x 46 mm
Offer drawing number D 928 001 56A
Order number code 8 1 928 401 778
Order number code 8a 1 928 404 021
Order number code 12 1 928 401 786

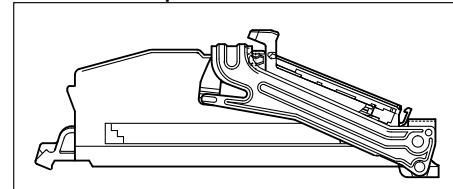


Dimensions l x w x h 162 x 30 x 46 mm
Offer drawing number D 928 001 55A

View C Coding 1...12
Code 8 illustrated
Order no. code 8 1 928 402 028
Order no. code 12 1 928 402 032

View C Coding 21...32
Code 21 illustrated
Order no. code 21 1 928 402 198
Order no. code 22 1 928 402 199

Cable exit at top



Dimensions l x w x h 160 x 35 x 50 mm
Offer drawing number D 928 000 97A
Order number code 8 1 928 403 061
Order number code 22 1 928 404 287

Accessories see next page



Contact Housing, premounted with asymmetric contact cavities
Offer drawing number D 928 000 21A
Order number 1 928 401 587

Terminals

Junior Power Timer JPT 2.8

with additional steel spring tin-plated for FLK wires

Wire size range 0.5...1.5 mm²

AMP order number 927 775-3

Wire size range 1.0...2.5 mm²

AMP order number 927 773-3

tin-plated for FLKr and FLX wires

Wire size range 0.35...0.75 mm²

AMP order number 927 774-3

Wire size range 0.5...1.5 mm²

AMP order number 927 771-3

partially gold-plated 927 771-9

Wire size range 1.0...2.5 mm²

AMP order number 927 768-3

Micro Timer

MT I 1.6

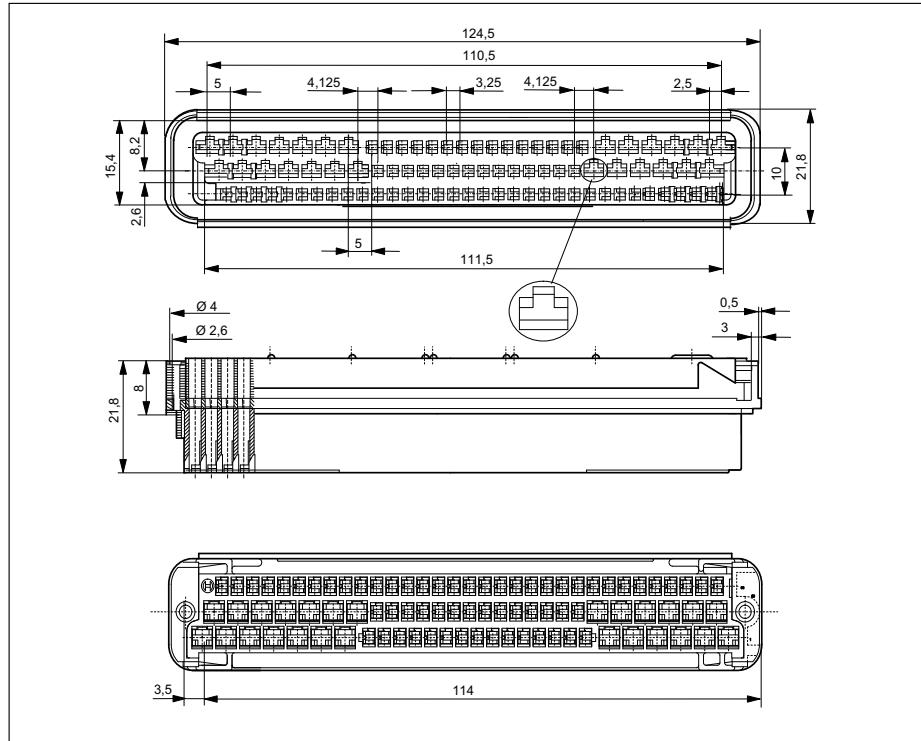
with additional steel spring for FLKr/FLX wires

Wire size range 0.35...0.75 mm²

AMP order number 928 939-1

Handle Covers, premounted

see previous page



Accessories

Tightening Strap



Offer drawing number C 280 208 198

Dimensions l x w x h 126 x 3 x 1 mm

Order number 1 928 401 283

Dimensions l x w x h 163 x 3 x 1 mm

Order number 1 928 401 331

Clamping Cover



Offer drawing number C 928 002 10A

Dimensions l x w x h 75 x 30 x 14 mm

Order number 1 928 402 034

Seal

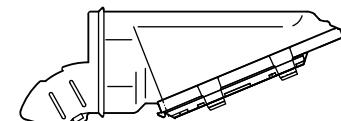


Dimensions l x w x h 121 x 24 x 5 mm

Offer drawing number C 928 002 09A

Order no. soft rubber 1 928 300 283

Sleeve, premounted



Dimensions l x w x h 103 x 27 x 38 mm

Offer drawing number D 928 001 19A

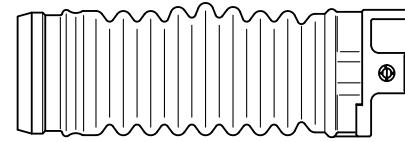
Order number 1 928 403 075

Dimensions Ø x l 3 x 19 mm

Offer drawing C 280 204 855

Order number 1 928 300 198

Protective Sleeve



Dimensions Ø x l 30 x 100 mm

Offer drawing number C 928 001 20A

Order number 1 928 300 471

Special screw



Dimensions Ø x l 3 x 19 mm

Offer drawing C 261 200 475

Order number 1 928 491 167

Overview of Order Numbers

Order Number	Catalog Page	Description
1 281 099 005	30	Locking piece
1 928 300 182	31	Seal
1 928 300 191	26	Seal
1 928 300 194	26	Protective sleeve
1 928 300 198	24; 26; 31; 39	Sealing ring
1 928 300 198	45	Sealing ring
1 928 300 219	24	Seal
1 928 300 246	39	Seal
1 928 300 271	39	Protective sleeve
1 928 300 283	43; 45	Seal
1 928 300 427	40	Seal
1 928 300 471	43; 45	Protective sleeve
1 928 300 520	34; 41	Protective sleeve
1 928 300 599	22; 25; 32	Single-wire seal
1 928 300 600	22; 25; 32	Single-wire seal
1 928 300 601	22	Dummy plug
1 928 400 889	31	Locking piece
1 928 400 892	31	Contact housing
1 928 400 895	31	Handle cover
1 928 400 897	31	Handle cover
1 928 400 898	31	Handle cover
1 928 400 899	31	Handle cover
1 928 400 950	26	Locking piece
1 928 400 952	26	Contact housing
1 928 401 004	26	Handle cover
1 928 401 013	26	Handle cover
1 928 401 104	26	Locking piece
1 928 401 105	24	Contact housing
1 928 401 113	31	Handle cover
1 928 401 114	31	Handle cover
1 928 401 123	31	Handle cover
1 928 401 193	31	Handle cover
1 928 401 261	24	Handle cover
1 928 401 266	24	Handle cover
1 928 401 280	31	Tightening strap
1 928 401 283	25; 28; 32; 33	Tightening strap
1 928 401 283	35; 37; 39; 42	Tightening strap
1 928 401 283	43; 45	Tightening strap
1 928 401 299	39	Clamp
1 928 401 300	39	Handle cover
1 928 401 310	39	Handle cover
1 928 401 316	39	Contact housing
1 928 401 331	43; 45	Tightening strap
1 928 401 358	40	Tightening strap
1 928 401 389	39	Handle cover
1 928 401 409	31	Handle cover
1 928 401 587	44	Contact housing
1 928 401 594	44	Handle cover
1 928 401 625	39	Contact housing
1 928 401 645	31	Contact housing
1 928 401 697	26	Handle cover
1 928 401 713	27; 33; 34; 35	Tightening strap
1 928 401 713	38; 40; 41; 42	Tightening strap
1 928 401 778	44	Handle cover
1 928 401 786	44	Handle cover
1 928 401 962	30; 39	Clamp adapter
1 928 401 963	30; 39	Clamp adapter
1 928 401 964	30	Protective sleeve
1 928 401 980	30	Handle cover
1 928 401 982	30	Handle cover
1 928 401 984	30	Handle cover
1 928 401 985	30	Handle cover
1 928 401 986	30	Handle cover
1 928 401 987	30	Handle cover
1 928 402 028	44	Handle cover
1 928 402 032	44	Handle cover
1 928 402 034	45	Clamping cover

Order Number	Catalog Page	Description
1 928 402 146	39	Handle cover
1 928 402 160	43	Contact housing
1 928 402 174	43	Handle cover
1 928 402 175	43	Handle cover
1 928 402 198	43; 44	Handle cover
1 928 402 199	43; 44	Handle cover
1 928 402 675	24	Secondary locking
1 928 402 768	43	Contact housing
1 928 402 824	28	Cover
1 928 402 936	29	Contact housing
1 928 402 942	29	Contact housing
1 928 402 944	29	Contact housing
1 928 402 950	39	Handle cover
1 928 402 952	29	Contact housing
1 928 402 953	29	Contact housing
1 928 402 956	29	Contact housing
1 928 402 957	29	Contact housing
1 928 402 958	29	Contact housing
1 928 402 964	29	Contact housing
1 928 402 965	29	Contact housing
1 928 402 969	29	Contact housing
1 928 402 973	29	Contact housing
1 928 402 977	29	Contact housing
1 928 402 995	28	Secondary locking
1 928 402 996	28	Secondary locking
1 928 403 001	29	Contact housing
1 928 403 002	29	Contact housing
1 928 403 003	29	Contact housing
1 928 403 004	29	Contact housing
1 928 403 005	29	Contact housing
1 928 403 008	29	Contact housing
1 928 403 009	29	Contact housing
1 928 403 011	29	Contact housing
1 928 403 012	29	Contact housing
1 928 403 015	29	Contact housing
1 928 403 018	29	Contact housing
1 928 403 019	29	Contact housing
1 928 403 020	29	Contact housing
1 928 403 024	29	Contact housing
1 928 403 061	44	Handle cover
1 928 403 065	44	Handle cover
1 928 403 075	43; 45	Sleeve
1 928 403 083	29	Contact housing
1 928 403 084	28	Cover
1 928 403 094	20	Wiring-harness connector
1 928 403 095	20	Wiring-harness connector
1 928 403 110	4	Compact connector 1
1 928 403 112	4	Compact connector 1
1 928 403 122	44	Contact housing
1 928 403 126	4	Compact connector 1
1 928 403 127	29	Contact housing
1 928 403 131	29	Contact housing
1 928 403 137	4	Compact connector 1
1 928 403 146	5	Compact connector 1
1 928 403 184	20	Secondary locking
1 928 403 187	20	Wiring-harness connector
1 928 403 192	8	Compact connector 1.m
1 928 403 194	8	Compact connector 1.m
1 928 403 196	8	Compact connector 1.m
1 928 403 198	8	Compact connector 1.m
1 928 403 200	9	Compact connector 1.m
1 928 403 202	5	Compact connector 1
1 928 403 204	9	Compact connector 1.m
1 928 403 217	28	Secondary locking
1 928 403 218	28	Secondary locking
1 928 403 220	5	Compact connector 1
1 928 403 222	9	Compact connector 1.m

Order Number	Catalog Page	Description
1 928 403 304	34	Handle cover
1 928 403 311	34	Handle cover
1 928 403 316	34	Cover
1 928 403 319	34	Secondary locking
1 928 403 335	37	Cover
1 928 403 340	37	Handle cover
1 928 403 341	37	Handle cover
1 928 403 379	41	Handle cover
1 928 403 386	41	Handle cover
1 928 403 393	41	Cover
1 928 403 394	41	Sliding pin
1 928 403 419	37	Handle cover
1 928 403 421	37	Handle cover
1 928 403 436	16	Compact connector 2
1 928 403 440	16	Compact connector 2
1 928 403 441	16	Compact connector 2
1 928 403 454	42	Contact housing
1 928 403 459	42	Cover
1 928 403 460	42	Secondary locking
1 928 403 467	33; 35	Cover
1 928 403 468	33; 35	Secondary locking
1 928 403 480	20	Seal
1 928 403 489	28	Cover
1 928 403 511	33; 35	Cover
1 928 403 513	41	Handle cover
1 928 403 514	41	Handle cover
1 928 403 550	28	Cover
1 928 403 609	42	Cover
1 928 403 689	6	Compact connector 1.a
1 928 403 722	4	Compact connector 1
1 928 403 736	14	Compact connector 1.m
1 928 403 738	14	Compact connector 1.m
1 928 403 740	14	Compact connector 1.m
1 928 403 742	15	Compact connector 1.m
1 928 403 809	17	Compact connector 2.1
1 928 403 812	9	Compact connector 1.m
1 928 403 813	5	Compact connector 1
1 928 403 815	9	Compact connector 1.m
1 928 403 816	5	Compact connector 1
1 928 403 820	34	Handle cover
1 928 403 822	34	Handle cover
1 928 403 836	14	Compact connector 1.m
1 928 403 856	42	Cover
1 928 403 870	6	Compact connector 1.a
1 928 403 874	12	Compact connector 1.1a
1 928 403 876	12	Compact connector 1.1a
1 928 403 878	12	Compact connector 1.1a
1 928 403 913	6	Compact connector 1.a
1 928 403 914	8	Compact connector 1.m
1 928 403 915	4	Compact connector 1
1 928 403 920	6	Compact connector 1.a
1 928 403 938	36	Cover
1 928 403 939	36	Cover
1 928 403 940	36	Cover
1 928 403 941	36	Contact housing
1 928 403 942	36	Contact housing
1 928 403 943	36	Contact housing
1 928 403 944	36	Contact housing
1 928 403 966	12	Compact connector 1.1a
1 928 403 968	12	Compact connector 1.1a
1 928 403 970	12	Compact connector 1.1a
1 928 404 021	44	Handle cover
1 928 404 025	21	Wiring-harness connector
1 928 404 032	28	Cover
1 928 404 035	29	Contact housing
1 928 404 036	29	Contact housing
1 928 404 037	29	Contact housing

Order Number	Catalog Page	Description
1 928 404 039	29	Contact housing
1 928 404 068	41	Transport protection
1 928 404 071	36	Contact housing
1 928 404 072	10	Compact connector 1.1
1 928 404 073	10	Compact connector 1.1
1 928 404 074	10	Compact connector 1.1
1 928 404 075	11	Compact connector 1.1
1 928 404 077	36	Contact housing
1 928 404 078	36	Contact housing
1 928 404 079	36	Contact housing
1 928 404 080	36	Contact housing
1 928 404 081	36	Contact housing
1 928 404 082	36	Contact housing
1 928 404 083	36	Contact housing
1 928 404 114	12	Compact connector 1.1a
1 928 404 127	29	Contact housing
1 928 404 128	29	Contact housing
1 928 404 160	18	Compact connector 3
1 928 404 163	18	Compact connector 3
1 928 404 166	18	Compact connector 3
1 928 404 190	25; 32	Cover
1 928 404 199	32	Contact housing
1 928 404 200	32	Contact housing
1 928 404 201	25	Handle cover
1 928 404 202	25	Handle cover
1 928 404 205	33	Contact housing
1 928 404 213	12	Compact connector 1.1a
1 928 404 215	12	Compact connector 1.1a
1 928 404 219	7	Compact connector 1.a
1 928 404 221	7	Compact connector 1.a
1 928 404 225	16	Compact connector 2
1 928 404 287	44	Handle cover
1 928 404 324	40	Secondary locking
1 928 404 329	40	Handle cover
1 928 404 330	40	Handle cover
1 928 404 332	40	Cover
1 928 404 337	21	Wiring-harness connector
1 928 404 362	41	Cover
1 928 404 368	18	Compact connector 3
1 928 404 370	19	Compact connector 3
1 928 404 406	27	Contact housing
1 928 404 408	27	Contact housing
1 928 404 410	27	Handle cover
1 928 404 476	6	Compact connector 1.a
1 928 404 491	27	Contact housing
1 928 404 492	27	Contact housing
1 928 404 494	27	Handle cover
1 928 404 513	40	Cover
1 928 404 525	14	Compact connector 1.1m
1 928 404 550	4	Compact connector 1
1 928 404 555	25; 32	Tightening strap clip
1 928 404 570	18	Compact connector 3
1 928 404 571	18	Compact connector 3
1 928 404 572	18	Compact connector 3
1 928 404 598	19	Compact connector 3
1 928 404 621	38	Handle cover
1 928 404 623	38	Contact housing
1 928 404 624	38	Contact housing
1 928 404 627	6	Compact connector 1.a
1 928 404 629	7	Compact connector 1.a
1 928 404 631	7	Compact connector 1.a
1 928 404 637	33; 35	Cover
1 928 404 648	19	Compact connector 3
1 928 404 707	6	Compact connector 1.a
1 928 404 745	10	Compact connector 1.1
1 928 404 758	40	Contact housing
1 928 404 797	27	Handle cover

Order Number	Catalog Page	Description
1 928 404 825	10	Compact connector 1.1
1 928 489 106	23	Terminal extractor
1 928 489 107	23	Replacement needles
1 928 489 167	23	Terminal extractor
1 928 489 168	23	Replacement needles
1 928 491 082	31	Special screw
1 928 491 154	30	Special screw
1 928 491 167	43; 45	Special screw
1 928 498 000	23; 35; 42	BMK terminal
1 928 498 001	23; 35; 42	BMK terminal
1 928 498 002	23; 33; 35; 42	BMK terminal
1 928 498 003	23	BMK terminal
1 928 498 003	33; 34; 35; 41	BMK terminal
1 928 498 003	42	BMK terminal
1 928 498 004	23	BMK terminal
1 928 498 005	23	BMK terminal
1 928 498 006	40	BMK terminal
1 928 498 007	40	BMK terminal
1 928 498 008	40	BMK terminal
1 928 498 013	23; 27; 35; 38	BMK terminal
1 928 498 013	42	BMK terminal
1 928 498 014	23; 27; 32; 35	BMK terminal
1 928 498 014	38; 42	BMK terminal
1 928 498 015	23; 32; 33; 35	BMK terminal
1 928 498 015	42	BMK terminal
1 928 498 016	23; 33; 34; 35	BMK terminal
1 928 498 016	41; 42	BMK terminal
1 928 498 054	22; 25; 32	BDK terminal
1 928 498 055	22; 25; 32	BDK terminal
1 928 498 056	25; 32	BDK terminal
1 928 498 057	25; 32	BDK terminal
1 928 498 058	22	BDK terminal
1 928 498 059	22	BDK terminal
1 928 498 060	22	BSK terminal
1 928 498 061	22	BSK terminal
1 928 498 062	22	BSK terminal
1 928 498 063	22	BSK terminal
1 928 498 194	37	JPT terminal
1 928 498 195	37	JPT terminal
1 928 498 196	37	Micro Timer terminal
1 928 498 197	37	JPT terminal
1 928 498 198	37	Micro Timer terminal

Molex Order Numbers		
90 020-0102	24; 39	JPT terminal
90 020-0302	24; 39	JPT terminal

GHW Order Numbers		
26177 201 179	26; 39	JPT terminal
26178 201 179	26; 39	JPT terminal
26179 201 179	26; 39	JPT terminal

Order Number	Catalog Page	Description
AMP Order Numbers		
828 904	22; 30; 33; 35	Single-wire seal
828 904	37; 42	Single-wire seal
828 905	22; 27; 30; 33;	Single-wire seal
828 905	35; 37; 38; 42	Single-wire seal
828 922	22	Dummy plug
828 922-1	30; 33; 35; 36	Dummy plug
828 985-1	27; 38	Single-wire seal
925 590-2	22; 39	JPT terminal
925 595-2	22; 39	JPT terminal
927 768-3	26; 39; 43; 44; 45	JPT terminal
927 768-6	39	JPT terminal
927 771-3	26; 39; 43; 44; 45	JPT terminal
927 771-6	39	JPT terminal
927 771-9	43; 44; 45	JPT terminal
927 773-3	26; 39; 43; 44; 45	JPT terminal
927 774-3	26; 43; 44; 45	JPT terminal
927 774-6	39	JPT terminal
927 775-3	26; 43; 44; 45	JPT terminal
927 788-3	26	JPT terminal
0-927 835-2	29	JPT terminal
2-927 835-2	29	JPT terminal
927 845-2	39	JPT terminal
927 856-2	39	JPT terminal
928 939-1	43; 44; 45	Micro Timer terminal
928 966-2	29	JPT terminal
2-928 966-2	29	JPT terminal
928 999-1	22	MPQ terminal
929 937-3	22; 30; 35; 42	JPT terminal
1-929 937-1	33	JPT terminal
2-929 937-1	35	JPT terminal
2-929 937-3	22	JPT terminal
2-929 937-3	42	JPT terminal
929 939-3	22; 30; 35; 42	JPT terminal
1-929 939-1	33	JPT terminal
2-929 939-1	35	JPT terminal
2-929 939-3	22; 42	JPT terminal
929 941-3	22	JPT terminal
2-929 941-3	22	JPT terminal
936 244-1	29	Single-wire seal
936 245-1	29	Single-wire seal
962 875-1	29	Micro Timer terminal
962 876-1	29	Micro Timer terminal
962 885-1	22	MPQ terminal
963 245-1	31	Single-wire seal
963 530-1	29; 36; 37	Single-wire seal
963 531-1	36	Dummy plug
963 664-1	22	Single-wire seal
963 664-2	22	Single-wire seal
963 715-1	22	MPQ terminal
964 275-2	36	Micro Timer terminal
964 281-2	36	JPT terminal
964 285-2	36	JPT terminal
964 287-2	36	JPT terminal
964 331-1	36	SPT terminal
964 333-1	36	SPT terminal
964 971-1	36	Single-wire seal
964 972-1	36	Single-wire seal
965 906-1	22	MPQ terminal
967 056-1	22	Dummy plug
1-968 037-4	33	SPT terminal
1-968 857	27	MCP terminal
1-968 857-1	38	MCP terminal
1-968 859-1	27; 38	MCP terminal
969 019-2	36	Micro Timer terminal

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