

Relays, Fuses and Accessories

from Bosch

Safe, Durable and Reliable



BOSCH
Invented for life

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Relays

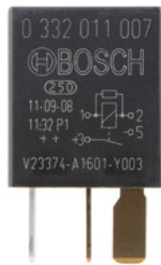
Overview

Bosch relays are consistently reliable and perform switching operations in both automobiles and off-highway applications. The full program includes 12- and 24-volt relays in a variety of sizes.

Experience & Quality


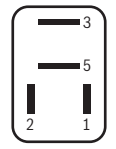
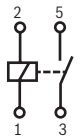

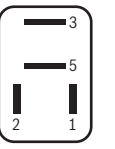
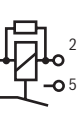

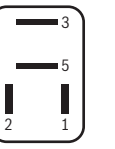
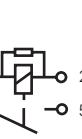

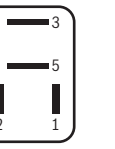

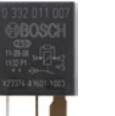
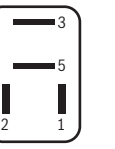


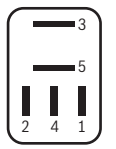


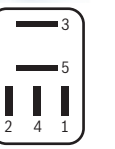


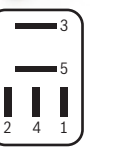
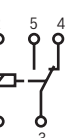




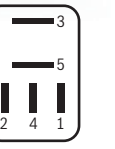
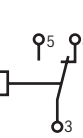
Bosch has been producing relays for vehicles, and a variety of other applications for more than 40 years. This vast development experience – and continuous advancement of the range to ensure state-of-the-art technology – ensures the quality parts you expect from a **world leader in mobility solutions**.

In addition to their long service life – made possible through meticulous processing and the use of high-quality materials allowing up to 250,000 switching cycles – Bosch relays are designed to withstand temperatures ranging from -40°F to up to +212°F (-40°C to up to +100°C).



	Micro Relays	Mini Relays	Power Relays
	A compact design with nominal 12- or 24-volts. Bosch micro relays are used in a wide range of vehicles. They perform switching operations and allow rated switching currents of up to 25 A. Thanks to their design, they are an ideal solution for quick and easy service tasks.	A compact design with nominal 12- or 24-volts. Bosch mini relays are used in a wide range of vehicles. They reliably perform switching operations and allow rated switching currents of up to 75 A. Thanks to their design, they are an ideal solution for safe and quick service tasks.	Bosch power relays are used for switching operations in engines, starters and other large products. They work with rated switching currents of up to 350 A (and up to 3500 A in the case of battery cut-off relays).
Nominal Voltage	12 V / 24 V	12 V / 24 V	12 V / 24 V
Switching Current	Up to 25 A	Up to 75 A	Up to 350 A
Advantages at a Glance	<ul style="list-style-type: none"> ▶ Durable and robust due to meticulous processing ▶ Use of high-quality materials for up to 250,000 switching cycles ▶ High temperature resistance ▶ Flexible and easy to use 	<ul style="list-style-type: none"> ▶ Powerful from high-rated switching currents of up to 75 A ▶ Durable and robust due to meticulous processing ▶ Use of high-quality materials for up to 250,000 switching cycles ▶ High corrosion resistance 	<ul style="list-style-type: none"> ▶ Long service life due to vibration and shock resistance ▶ Powerful relays – ideal for large engines ▶ Particularly high temperature resistance


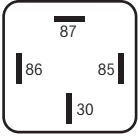
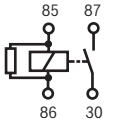

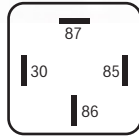
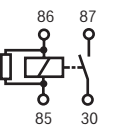

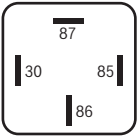
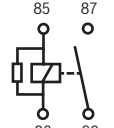

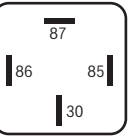
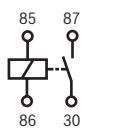

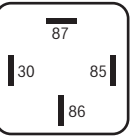
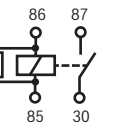

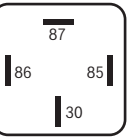
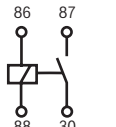

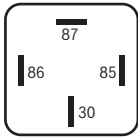
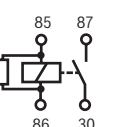

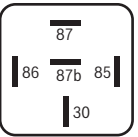
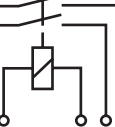

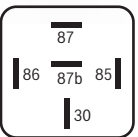
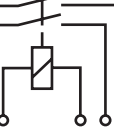

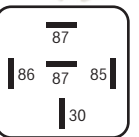
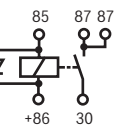
Part Number	Pins	Voltage	Ampage	Resistor or Diode
Micro Relays Normal Open				
0 986 AH0 320	4	12 V	20 A	Neither
0 332 017 300	4	12 V	20 A	Resistor
0 986 AH0 300	4	12 V	20 A	Resistor
0 986 AH0 322	4	12 V	30 A	Diode
0 332 011 007	4	12 V	30 A	Resistor
0 986 AH0 323	4	24 V	10 A	Diode
0 986 AH0 321	4	24 V	10 A	Neither
0 986 AH0 328	4	24 V	10 A	Resistor
Micro Relays Change Over				
0 986 AH0 304	5	12 V	20/10 A	Diode
0 332 201 107	5	12 V	30/10 A	Resistor
0 986 AH0 307	5	12 V	30/10 A	Resistor
0 986 AH0 308	5	12 V	30/10 A	Neither
0 986 AH0 302	5	24 V	10/5 A	Diode
0 986 AH0 309	5	24 V	10/5 A	Neither
0 332 207 405	5	24 V	10/5 A	Resistor
0 986 AH0 305	5	24 V	10/5 A	Resistor
0 332 207 402	5	24 V	10/15 A	Diode
Mini Relay Normal Open				
0 332 019 166	4	12 V	30 A	Neither
0 332 019 453	4	12 V	30 A	Resistor
0 332 019 103	4	12 V	30 A	Resistor

<p>A</p>   	<p>B</p>   	<p>C</p>   	<p>D</p>   	<p>E</p>   
<p>K</p>   	<p>L</p>   	<p>M</p>   	<p>N</p>   	<p>O</p>   


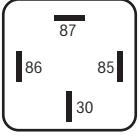
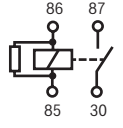

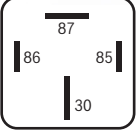
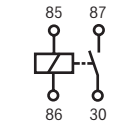

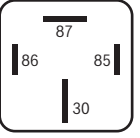
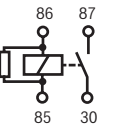

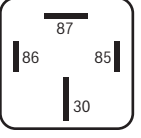
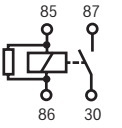

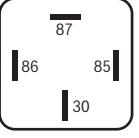
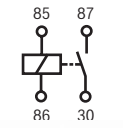

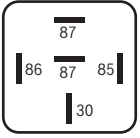
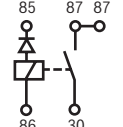

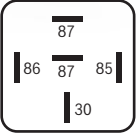
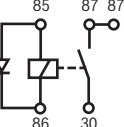

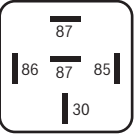
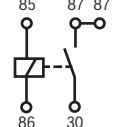

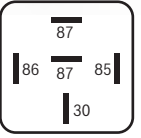
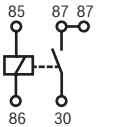

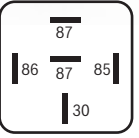
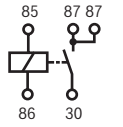
Bracket	Color	Photo Reference	Minimum Order Qty	Part Number
Micro Relays Normal Open				
N	black	A	10	0 986 AH0 320
N	grey	B	1	0 332 017 300
N	black	C	10	0 986 AH0 300
N	black	D	10	0 986 AH0 322
N	black	E	1	0 332 011 007
N	black	F	10	0 986 AH0 323
N	black	G	10	0 986 AH0 321
N	black	H	10	0 986 AH0 328
Micro Relays Change Over				
N	black	I	10	0 986 AH0 304
N	black	J	1	0 332 201 107
N	black	K	10	0 986 AH0 307
N	black	L	10	0 986 AH0 308
N	black	M	10	0 986 AH0 302
N	black	N	10	0 986 AH0 309
N	grey	O	1	0 332 207 405
N	black	P	10	0 986 AH0 305
N	grey	Q	1	0 332 207 402
Mini Relay Normal Open				
N	black	R	1	0 332 019 166
Y	black	S	1	0 332 019 453
N	black	T	1	0 332 019 103

<p>F</p>	<p>G</p>	<p>H</p>	<p>I</p>	<p>J</p>
<p>P</p>	<p>Q</p>	<p>R</p>	<p>S</p>	<p>T</p>

Part Number	Pins	Voltage	Ampage	Resistor or Diode
Mini Relay Normal Open				
0 332 019 110	4	12 V	30 A	Resistor
0 332 019 456	4	12 V	30 A	Resistor
0 986 AH0 453	4	12 V	30 A	Resistor
0 332 019 157	4	12 V	40 A	Neither
0 986 332 030	4	12 V	40 A	Resistor
0 986 332 040	4	12 V	40 A	Resistor
0 986 AH0 080	4	12 V	70 A	Neither
0 986 332 002	4	12 V	70 A	Resistor
0 986 AH0 082	4	12 V	70 A	Resistor
0 332 019 205	4	24 V	20 A	Neither
0 986 AH0 081	4	24 V	50 A	Neither
0 986 AH0 083	4	24 V	50 A	Resistor
0 332 015 001	5	12 V	2x15 A	Neither
0 332 015 006	5	12 V	2x15 A	Neither
0 332 019 155	5	12 V	30 A	Diode
0 986 AH0 602	5	12 V	30 A	Diode
0 332 019 109	5	12 V	30 A	Diode
0 986 AH0 251	5	12 V	30 A	Neither
0 332 019 150	5	12 V	30 A	Neither
0 332 019 151	5	12 V	30 A	Neither

<p>A</p>   	<p>B</p>   	<p>C</p>   	<p>D</p>   	<p>E</p>   
<p>K</p>   	<p>L</p>   	<p>M</p>   	<p>N</p>   	<p>O</p>   

Bracket	Color	Photo Reference	Minimum Order Qty	Part Number
Mini Relay Normal Open				
Y	black	A	1	0 332 019 110
T-Bar	orange	B	1	0 332 019 456
Y	black	C	10	0 986 AH0 453
Y	black	D	1	0 332 019 157
N	black	E	1	0 986 332 030
N	black	F	1	0 986 332 040
Y	black	G	10	0 986 AH0 080
N	grey	H	1	0 986 332 002
N	black	I	10	0 986 AH0 082
N	purple	J	1	0 332 019 205
Y	black	K	10	0 986 AH0 081
N	black	L	10	0 986 AH0 083
Y	green	M	1	0 332 015 001
N	blue	N	1	0 332 015 006
Y	grey	O	1	0 332 019 155
N	black	P	10	0 986 AH0 602
N	black	Q	1	0 332 019 109
N	black	R	10	0 986 AH0 251
Y	black	S	1	0 332 019 150
N	orange	T	1	0 332 019 151

<p>F</p>   	<p>G</p>   	<p>H</p>   	<p>I</p>   	<p>J</p>   
<p>P</p>   	<p>Q</p>   	<p>R</p>   	<p>S</p>   	<p>T</p>   

Part Number	Pins	Voltage	Ampage	Resistor or Diode
Mini Relay Normal Open				
0 332 019 801*	5	12 V	30 A	Neither
0 986 AH0 250	5	12 V	30 A	Neither
0 986 AH0 605	5	12 V	30 A	Neither
0 332 015 002	5	24 V	2x10 A	Neither
0 332 015 008	5	24V	2x10 A	Neither
0 986 AH0 253	5	24 V	20 A	Neither
0 332 019 203	5	24 V	20 A	Neither
0 332 019 213	5	24 V	20 A	Neither
0 986 AH0 603	5	24 V	20 A	Neither
0 986 AH0 204	5	24 V	20 A	Resistor
0 332 019 204	5	24 V	30 A	Resistor
Mini Relay Change Over				
0 986 AH0 611	5	6 V	30/20 A	Neither
0 332 209 152	5	12 V	20/30 A	Diode
0 332 209 158	5	12 V	20/30 A	Diode
0 332 209 150	5	12 V	20/30 A	Neither
0 332 209 151	5	12 V	20/30 A	Neither
0 332 209 159	5	12 V	20/30 A	Resistor
0 986 AH0 135	5	12 V	30/20 A	Diode
0 986 AH0 150	5	12 V	30/20 A	Neither
0 986 AH0 151	5	12 V	30/20 A	Neither

*0 332 019 801 contains 4 connectors and a screw

<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>
<p>K</p>	<p>L</p>	<p>M</p>	<p>N</p>	<p>O</p>


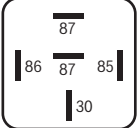
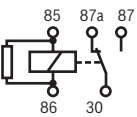

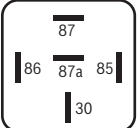
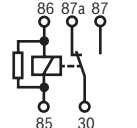

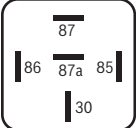
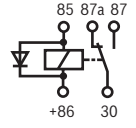

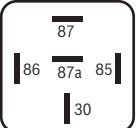
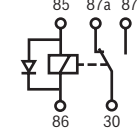

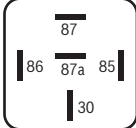
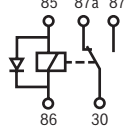

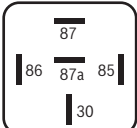
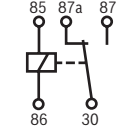

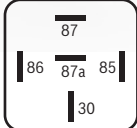
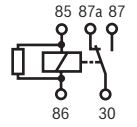

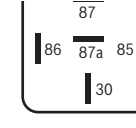
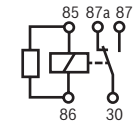

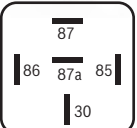
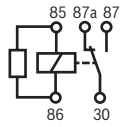

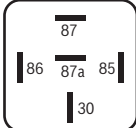
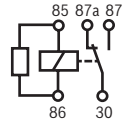
Bracket	Color	Photo Reference	Minimum Order Qty	Part Number
Mini Relay Normal Open				
Y	black	A	1	0 332 019 801*
Y	black	B	10	0 986 AH0 250
Y	black	C	10	0 986 AH0 605
Y	grey	D	1	0 332 015 002
N	grey	E	1	0 332 015 008
Y	black	F	10	0 986 AH0 253
Y	black	G	1	0 332 019 203
N	black	H	1	0 332 019 213
N	black	I	10	0 986 AH0 603
N	black	J	10	0 986 AH0 204
Y	black	K	1	0 332 019 204
Mini Relay Change Over				
Y	black	L	10	0 986 AH0 611
N	grey	M	1	0 332 209 152
Y	grey	N	1	0 332 209 158
Y	black	O	1	0 332 209 150
N	purple	P	1	0 332 209 151
N	grey	Q	1	0 332 209 159
N	black	R	10	0 986 AH0 135
Y	black	S	10	0 986 AH0 150
N	black	T	10	0 986 AH0 151

F	G	H	I	J
P	Q	R	S	T

Part Number	Pins	Voltage	Ampage	Resistor or Diode
Mini Relay Change Over				
0 986 AH0 622	5	12 V	30/20 A	Resistor
0 986 AH0 625	5	12 V	30/20 A	Neither
0 986 AH0 237	5	12 V	40/20 A	Resistor
0 986 332 053	5	12 V	40/30 A	Resistor
0 986 332 022	5	12 V	40/60 A	Neither
0 332 209 138	5	12 V	50/20 A	Resistor
0 986 332 041	5	12 V	OE Specific	Resistor
0 332 209 204	5	24 V	20/10 A	Diode
0 986 AH0 612	5	24 V	20/10 A	Diode
0 986 AH0 614	5	24 V	20/10 A	Diode
0 332 209 203	5	24 V	20/10 A	Neither
0 332 209 211	5	24 V	20/10 A	Neither
0 986 AH0 613	5	24 V	20/10 A	Neither
0 986 AH0 615	5	24 V	20/10 A	Neither
0 986 AH0 803	5	24 V	20/10 A	Neither
0 986 AH0 811	5	24 V	20/10 A	Neither
0 332 209 216	5	24 V	20/10 A	Resistor
0 332 209 206	5	24 V	20/10 A	Resistor
0 332 209 207	5	24 V	20/10 A	Resistor
0 986 AH0 206	5	24 V	20/10 A	Resistor

<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>
<p>K</p>	<p>L</p>	<p>M</p>	<p>N</p>	<p>O</p>

Bracket	Color	Photo Reference	Minimum Order Qty	Part Number
Mini Relay Change Over				
Y	black	A	10	0 986 AH0 622
Y	black	B	10	0 986 AH0 625
N	black	C	10	0 986 AH0 237
T-BAR	green	D	1	0 986 332 053
N	black	E	1	0 986 332 022
Y	black	F	1	0 332 209 138
N	yellow	G	1	0 986 332 041
N	black	H	1	0 332 209 204
Y	black	I	10	0 986 AH0 612
N	black	J	10	0 986 AH0 614
Y	black	K	1	0 332 209 203
N	black	L	1	0 332 209 211
Y	black	M	10	0 986 AH0 613
N	black	N	10	0 986 AH0 615
Y	black	O	10	0 986 AH0 803
N	black	P	10	0 986 AH0 811
T-BAR	black	Q	1	0 332 209 216
N	black	R	1	0 332 209 206
Y	black	S	1	0 332 209 207
N	black	T	10	0 986 AH0 206

<p>F</p>   	<p>G</p>   	<p>H</p>   	<p>I</p>   	<p>J</p>   
<p>P</p>   	<p>Q</p>   	<p>R</p>   	<p>S</p>   	<p>T</p>   

Part Number	Pins	Voltage	Ampage	Resistor or Diode
Mini Relay Change Over				
0 986 AH0 617	5	24 V	20/10 A	Resistor
Power Relays Normal Open				
0 332 002 156	-	12 V	75 A	Diode
0 332 002 168	-	12 V	75 A	Resistor
0 986 332 086	-	12 V	150 A	Resistor
0 332 002 256	-	24 V	50 A	Diode
0 332 002 258	-	24 V	50 A	Resistor
0 986 332 091	-	24 V	150 A	Resistor
Power Relays Change Over				
0 986 332 087	-	12 V	150/150 A	Resistor
Micro Relay (GM Footprint) Normal Open				
0 986 AH0 115	4	12 V	30 A	Resistor
0 986 AH0 116	4	24 V	10 A	Resistor
Micro Relay (GM Footprint) Change Over				
0 986 AH0 113	5	12 V	30/10 A	Resistor
0 986 AH0 114	5	24 V	10/5 A	Resistor
Semi Micro Relay Normal Open				
0 986 AH0 090	4	12 V	20 A	Resistor
0 986 AH0 091	4	12 V	20 A	Resistor
0 986 AH0 092	4	12 V	20 A	Resistor
Ultra Micro Relay Normal Open				
0 986 AH0 093	4	12 V	20 A	Resistor
Fuel Pump Relays				
0 332 514 120	11	12 V	15 A	-
0 332 514 121	13	12 V	15 A	-

<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>
<p>K</p>	<p>L</p>	<p>M</p>	<p>N</p>	<p>O</p>



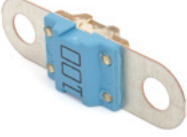

Bracket	Color	Photo Reference	Minimum Order Qty	Part Number
Mini Relay Change Over				
Y	black	A	10	0 986 AH0 617
Power Relays Normal Open				
Y	black	B	1	0 332 002 156
Y	black	C	1	0 332 002 168
Y	black	D	1	0 986 332 086
Y	black	E	1	0 332 002 256
Y	black	F	1	0 332 002 258
Y	black	G	1	0 986 332 091
Power Relays Change Over				
Y	black	H	1	0 986 332 087
Micro Relay (GM Footprint) Normal Open				
N	black	I	10	0 986 AH0 115
N	black	J	10	0 986 AH0 116
Micro Relay (GM Footprint) Change Over				
N	black	K	10	0 986 AH0 113
N	black	L	10	0 986 AH0 114
Semi Micro Relay Normal Open				
N	black	M	10	0 986 AH0 090
Locking	black	N	10	0 986 AH0 091
Square Locking	black	O	10	0 986 AH0 092
Ultra Micro Relay Normal Open				
N	black	P	10	0 986 AH0 093
Fuel Pump Relays				
Y	black	Q	1	0 332 514 120
Y	black	R	1	0 332 514 121





<p>F</p>	<p>G</p>	<p>H</p>	<p>I</p>	<p>J</p>
<p>P</p>	<p>Q</p>	<p>R</p>		


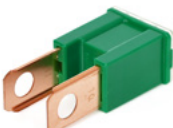


Fuses


Overview


Bosch fuses are guaranteed to safeguard your vehicle by protecting its electrical systems and devices from overcurrents and short circuits. Fuses come in many different shapes and sizes and serve the same purpose – to save your vehicle from permanent damage to expensive components.

Part	Rated Current A/V	Color	Pack Quantity	Part Number
 <p>Torpedo Fuses (6 x 25 mm) DIN 72 581/1</p>	5	yellow	100	1 904 520 015
	8	white	100	1 904 520 016
	16	red	100	1 904 520 018
	25	blue	100	1 904 520 017
 <p>Fuse Strips for Diesel Vehicles DIN 72 581/2</p>	30	grey	50	1 191 017 004
	50	grey	25	1 191 017 005
	80	grey	50	1 191 017 003
	100	grey	10	1 191 017 006
 <p>Screw Locking Element Midi (small) ISO 8820-5 For BMW, VAG, FORD, Daimler, Renault, Chrysler, Hyundai, KIA, Porsche. High current fuses for agricultural machinery manufacturers, etc. Screw-in fuse with 32 V rated voltage for protection of high current wiring. Transparent cover for easy identification of blown fuses. Fuses are typically installed between the battery and the starter or alternator.</p>	30	orange	25	1 987 531 018
	40	green	25	1 987 531 017
	50	red	25	1 987 531 016
	60	yellow	25	1 987 531 014
	70	brown	25	1 987 531 013
	80	white	25	1 987 531 012
	100	blue	25	1 987 531 011
	125	pink	25	1 987 531 010
200	violet	25	1 987 531 008	
 <p>Screw Locking Element Mega ISO 8820-5 For BMW, VAG, FORD, Daimler, Renault, Chrysler, Hyundai, KIA, Porsche. Screw-in fuses with 32 V rated voltage for protection of high current wiring. Transparent cover for easy identification of blown fuses. Fuses are typically installed between the battery and the starter or alternator.</p>	100	yellow	10	1 987 531 000
	125	green	10	1 987 531 001
	150	orange	10	1 987 531 002
	175	white	10	1 987 531 003
	200	blue	10	1 987 531 004
	225	brown	10	1 987 531 005
	250	pink	10	1 987 531 006
	300	grey	10	1 987 531 007


Part	Rated Current A/V	Color	Pack Quantity	Part Number
 <p>Mini Low-profile Fuses Low-profile mini fuses provide similar performance features as standard mini fuses. Designed for open terminals and forked contacts, eliminating the need for additional contact bushing. The low overall height also provides additional weight and material savings. Used in Asian vehicles.</p>	2/58	grey	10	1 987 529 041
	3/58	violet	10	1 987 529 042
	4/58	pink	10	1 987 529 043
	5/58	light brown	10	1 987 529 044
	7.5/58	brown	10	1 987 529 045
	10/58	red	10	1 987 529 046
	15/58	blue	10	1 987 529 047
	20/58	yellow	10	1 987 529 048
	25/58	white	10	1 987 529 049
	30/58	green	10	1 987 529 077
 <p>Mini Flat Connection Fuses DIN 72 581-3, ISO 8820-2 Rapidly becoming the new standard for circuit protection in vehicles. Their compact size enables more circuits to be protected with less space required. Transparent housing for easy identification of blown fuses. Excellent reliability.</p>	2	grey	50	1 987 529 025
	3	violet	50	1 987 529 026
	4	pink	50	1 987 529 027
	5	beige	50	1 987 529 028
	7.5	brown	50	1 987 529 029
	10	red	50	1 987 529 030
	15	blue	50	1 987 529 031
	20	yellow	50	1 987 529 032
	25	neutral	50	1 987 529 033
	30	green	50	1 987 529 034
 <p>Standard Flat Connection Fuses DIN 72 581-3, ISO 8820-2 These fuses have become the standard circuit protection for domestic and international passenger cars and trucks. They are easy to identify and replace and can be specified for a wide range of applications in the low voltage range.</p>	3	violet	100	1 904 529 901
	4	pink	100	1 904 529 902
	5	beige	100	1 904 529 903
	7.5	brown	100	1 904 529 904
	10	red	100	1 904 529 905
	15	blue	100	1 904 529 906
	20	yellow	100	1 904 529 907
	25	neutral	100	1 904 529 908
	30	green	100	1 904 529 909
	40	orange	100	1 987 529 036
 <p>Flat Connection Fuses DIN 72 581-3, ISO 8820-2 Standard fuse in maxi design. Transparent housing for easy identification of blown fuses.</p>	20	yellow	5	1 987 529 018
	30	green	5	1 987 529 019
	40	orange	5	1 987 529 020
	50	red	5	1 987 529 021
	60	blue	5	1 987 529 022
	70	brown	5	1 987 529 023
	80	white	5	1 987 529 039
	100	violet	5	1 987 529 040

Part	Rated Current A/V	Color	Pack Quantity	Part Number
 <p>AS Series Male Fuses Delay fuses with highly temperature resistant housing. Used in Asian, European and Domestic vehicles.</p>	20/32	blue	5	1 987 529 062
	30/32	pink	5	1 987 529 063
	40/32	green	5	1 987 529 064
	50/32	red	5	1 987 529 065
	60/32	yellow	5	1 987 529 066
 <p>B Series Male Fuses Delay fuses with highly temperature resistant housing. Used in Asian, European and Domestic vehicles.</p>	30/32	pink	5	1 987 529 068
	40/32	green	5	1 987 529 069
	50/32	red	5	1 987 529 070
	60/32	yellow	5	1 987 529 071
	70/32	brown	5	1 987 529 072
	80/32	black	5	1 987 529 073
	100/32	blue	5	1 987 529 074
	120/32	white	5	1 987 529 075
 <p>J Series Fuses With longer time delay, lower voltage drop and better resistance to make currents, they are particularly well suited for circuits with high currents. Used in Asian, European and Domestic vehicles.</p>	20/32	light blue	5	1 987 529 056
	25/32	white	5	1 987 529 057
	30/32	pink	5	1 987 529 058
	40/32	green	5	1 987 529 059
	50/32	red	5	1 987 529 060
	60/32	yellow	5	1 987 529 061
 <p>Low-profile J Series Fuses Low profile fuses offer similar performance features to the standard J-series fuses. The low total height allows the use of shorter blade terminals and saves on space and weight. Used in Asian, European and Domestic vehicles.</p>	20/58	light blue	5	1 987 529 050
	25/58	white	5	1 987 529 051
	30/58	pink	5	1 987 529 052
	40/58	green	5	1 987 529 053
	50/58	red	5	1 987 529 054
	60/58	yellow	5	1 987 529 055

Part	Rated Current A/V	Color	Pack Quantity	Dimensions mm	Part Number
 <p>Glass Fuses</p>	2	clear	25	5 x 20	1 904 521 441
	3.15	clear	25	5 x 20	1 987 529 011
	5	clear	25	6.35 x 32	1 987 529 901
	6.3	clear	25	6.35 x 32	1 904 522 750
	10	clear	25	6.35 x 32	1 987 529 902
	15	clear	25	6.35 x 32	1 987 529 903
	20	clear	25	6.35 x 32	1 987 529 904
	25	clear	25	6.35 x 32	1 987 529 905

Part	Rated Current A/V	Color	Pack Quantity	Part Number
 Puller for Blade-type Fuse Links			5	1 987 531 026

eligible with **extra.** Rewarding loyalty



Blister (Mini)	1 x 5		1	1 987 529 038
Blister (Norm)	1 x 7.5		1	1 987 529 037
Blister (Low profile)	1 x 25		1	1 987 529 078
	1 x 30			
	2 x 10			
	2 x 15			
	2 x 20			

Part	Nominal Voltage A	Qty	Part Number
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Setbox
Flat Connection Fuses (251 pcs.), DIN 72581-3

eligible with **extra.** Rewarding loyalty











Mini Flat Connection Fuses	3	5	1 987 529 079
	5	15	
	7,5	15	
	10	30	
	15	30	
	20	30	
	25	15	
Standard Flat Connection Fuses	30	15	
	3	5	
	5	10	
	7.5	10	
	10	15	
	15	15	
	20	15	
Maxi Flat Connection Fuses	25	10	
	30	10	
	30	2	
	40	2	
	50	1	
	60	1	



Look for individual refills on page 15

Connectors


Overview


Connectors join electrical terminations to create an electrical circuit that reliably transmits data, power and signals – even in the harshest environments. Bosch Connectors enable contact between wires, cables, printed circuit boards and electronic components. We offer standard connectors and even one with shrink tubes to tightly bind your wires and cables.

Part	Width mm	For Conductor Cross Section mm ²	Color	Pack Quantity	Part Number
 Blade Terminal	6.3	0.5 – 1.0	red	100	8784480010
	6.3	1.5 – 2.5	blue	100	8784480011
 Blade Receptacle	2.8	0.5 – 1.0	red	100	1901355866
	4.8	0.5 – 1.0	red	100	1901355876
	6.3	0.5 – 1.0	red	100	1901355880
	6.3	1.5 – 2.5	blue	100	1901355881
	6.3	4.0 – 6.0	yellow	50	1901355882
	8	1.5 – 2.5	blue	50	8781355810
	9.5	4.0 – 6.0	yellow	50	8781355811
 Blade Terminal with Isolation	6.3	0.5 – 1.0	red	50	8784478014
	6.3	1.5 – 2.5	blue	50	8784478015
 Blade Receptacle	6.3	0.5 – 1.0	red	50	7781700029
	6.3	1.5 – 2.5	blue	50	7781700030
	6.3	4.0 – 6.0	yellow	50	7781700031
 Blade Receptacle with Branch	6.3	0.5 – 1.0	red	50	1901360820
	6.3	1.5 – 2.5	blue	50	1901360821
 Pin Terminal	4	0.5 – 1.0	red	100	8784480000
	5	1.5 – 2.5	blue	100	8784480001
 Pin Receptacle	4	0.5 – 1.0	red	100	8781355000
	5	1.5 – 2.5	blue	50	8781355800
 Wire Pin Sleeve	1.8	0.5 – 1.0	red	100	7781700017
	1.8	1.5 – 2.5	blue	100	8784480009
	1.8	4.0 – 6.0	yellow	100	7781700018

Part	Width mm	For Conductor Cross Section mm ²	Color	Pack Quantity	Part Number
		0.5 – 1.0	red	100	8784485000
		1.5 – 2.5	blue	100	8784485001
		4.0 – 6.0	yelow	50	8784485023
		0.5 – 1.0	blue	25	8784485024
		4	yelow	25	8784485025
		0.5 – 1.0	red	25	7781700027
		1.5 – 2.5	blue	25	8784485034
		4.0 – 6.0	yelow	25	7781700028
	M3	0.5 – 1.0	red	100	8781353119
	M3	1.5 – 2.5	blue	100	7781700032
	M4	0.5 – 1.0	red	100	8781353121
	M4	1.5 – 2.5	blue	100	8781353125
	M4	4.0 – 6.0	yelow	50	7781700025
	M5	0.5 – 1.0	red	100	8781353122
	M5	1.5 – 2.5	blue	100	8781353126
	M5	4.0 – 6.0	yelow	100	8781353130
	M6	0.5 – 1.0	red	100	7781700021
	M6	1.5 – 2.5	blue	100	8781353127
	M6	4.0 – 6.0	yelow	50	8781353131
	M8	0.5 – 1.0	red	100	7781700022
	M8	1.5 – 2.5	blue	100	8781353128
	M8	4.0 – 6.0	yelow	50	8781353132
M10	1.5 – 2.5	blue	50	7781700023	
M10	4.0 – 6.0	yelow	50	8781353133	
	M4	0.5 – 1.0	red	100	8781353007
	M4	4.0 – 6.0	yelow	50	7781700026
	M5	1.5 – 2.5	blue	100	8781353009
	M6	4.0 – 6.0	yelow	50	8781353008
	M4	1.5 – 2.5	blue	100	8781353000
	M5	1.5 – 2.5	blue	100	8781353001

Part	Width mm	For Conductor Cross Section mm ²	Color	Pack Quantity	Part Number	
Connectors with shrinkable tubes						
	Butt Coupling	0.1 – 0.5	white	25	1987532035	
		0.5 – 1.5	red	25	1987532000	
		1.5 – 2.5	blue	25	1987532001	
		4.0 – 6.0	yellow	25	1987532002	
	Cable Lug	M4	0.5 – 1.5	red	25	1987532003
		M5	0.5 – 1.5	red	25	1987532004
		M6	0.5 – 1.5	red	25	1987532005
		M8	0.5 – 1.5	red	25	1987532006
		M10	0.5 – 1.5	red	25	1987532007
	Cable Lug	M4	1.5 – 2.5	blue	25	1987532008
		M5	1.5 – 2.5	blue	25	1987532009
		M6	1.5 – 2.5	blue	25	1987532010
		M8	1.5 – 2.5	blue	25	1987532011
		M10	1.5 – 2.5	blue	25	1987532012
	Cable Lug	M4	4.0 – 6.0	yellow	25	1987532013
		M5	4.0 – 6.0	yellow	25	1987532014
		M6	4.0 – 6.0	yellow	25	1987532015
		M8	4.0 – 6.0	yellow	25	1987532016
		M10	4.0 – 6.0	yellow	25	1987532017
	Open Cable Lug	M4	0.5 – 1.5	red	25	1987532018
		M5	0.5 – 1.5	red	25	1987532019
	Open Cable Lug	M4	1.5 – 2.5	blue	25	1987532020
		M5	1.5 – 2.5	blue	25	1987532021
	Open Cable Lug	M5	4.0 – 6.0	yellow	25	1987532023
	Blade Receptacle	6.3	0.5 – 1.5	red	25	1987532024
		6.3	1.5 – 2.5	blue	25	1987532025
		6.3	4.0 – 6.0	yellow	25	1987532026
	Blade Terminal	6.3	0.5 – 1.5	red	25	1987532027
		6.3	1.5 – 2.5	blue	25	1987532028
		6.3	4.0 – 6.0	yellow	25	1987532029

Part		For Conductor Cross Section mm ²	Color	Pack Quantity	Part Number
	Shrink-sleeve Set, Small				1987532030
	Shrink-sleeve Set, Large				1987532031
	Shrink-sleeve Set, with Butt Coupling	0.1 – 0.5	white	5	1987532101
		0.5 – 1.5	red	5	
		1.5 – 2.5	blue	20	
		4.0 – 6.0	yellow	20	
		1.6–0.8	Multiple	28	
		2.4–1.2	Multiple	28	
		3.2–1.6	Multiple	20	
		4.8–2.4	Multiple	16	
		6.4–3.2	Multiple	12	
6.4–2.0	Multiple	5			
3.2–1.0	Multiple	7			

Setbox: Cable Connector Set, 175 pcs		Width mm	For Conductor Cross Section mm ²	Pack Quantity	Part Number
	Blade Terminal	6.3	0.5 – 1.0	175	1987532100
	Blade Terminal	6.3	1.5 – 2.5		
	Blade Receptacle	6.3	0.5 – 1.0		
	Blade Receptacle	6.3	1.5 – 2.5		
	Cable Lug	M3	0.5 – 1.0		
	Cable Lug	M4	0.5 – 1.0		
	Cable Lug	M5	0.5 – 1.0		
	Cable Lug	M3	1.5 – 2.5		
	Cable Lug	M4	1.5 – 2.5		
	Cable Lug	M5	1.5 – 2.5		
	Cable Lug	M5	4.0 – 6.0		
	Cable Lug	M6	4.0 – 6.0		
	Open Cable Lug	M4	0.5 – 1.0		
	Open Cable Lug	M5	1.5 – 2.5		
	Open Cable Lug	M4	4.0 – 6.0		
	Butt Coupling		0.5 – 1.0		
	Butt Coupling		1.5 – 2.5		
Butt Coupling		4.0 – 6.0			

Switches


Glow-Plug and Starting Switches		Fastening	Fitting	
	Push-pull Starting Switch	Hexagon nut M10 x 1	10.5 mm; wall thickness up to 3 mm	
	Rotary Starting Switch	Hexagon nut M10 x 1	10.5 mm; wall thickness up to 3 mm	
	Glow-Plug/Starter Switch	Pickled aluminum octagon nut	26.5 mm; wall thickness up to 2 mm	
	Key-Operated Starting Switch	Pickled aluminum octagon nut	26.5 mm; wall thickness up to 2 mm	
	Key-Operated Starting Switch	Pickled aluminum octagon nut	26.5 mm; wall thickness up to 2 mm	
Multi-purpose Pressure Switches		Fastening	Connection	Capacity / Current
	Pressure Switch (NO contact)	Screw-in thread M12x1.5	Blade terminal	5 W
	Pressure Switch (NO contact)	Screw-in thread M12x1.5	Blade terminal	5 W
	Pressure Switch (NO contact)	Screw-in thread M12x1.5	Blade terminal	2 W
	Pressure Switch (NO contact)	Screw-in thread M10x1	Blade terminal	5 W
Backup Lamp Switches		Fastening	Connection	
	Plunger Switch (NO contact)	Screw thread M 18 x 1.5	Screw terminals	
	Plunger Switch (NO contact)	Screw thread M 18 x 1.5	Screw terminals	
	Plunger Switch (NO contact)	Screw thread M 12 x 1	1 Blade terminal; ground return through switch housing	
	Plunger Switch (NO contact)	Screw thread M 18 x 1.5	Blade terminal	

Connection	Capacity / Current	Voltage	Pack Quantity	Part Number
Screw terminals	50/27/12/9 A	12/ 24 V	1	0343008006
Blade terminal	50/27/12/9 A	12/ 24 V	1	0343008009
Screw terminals	12/9/100 A	12/ 24 V	1	0343401001
Screw terminals	150 W/ 13/33/18/9 A	12/ 24 V	1	0342315001
Screw terminals	150 W/ 13/33/18/9 A	12/ 24 V	1	0342315004

Voltage	Temperature	Switching Range	Pressure	Pack Quantity	Part Number
24 V	-40°C – +100 °C	4.4 to 5.1 bar	12/ 8 bar	1	0986345501
24 V	-40°C – +100 °C	5.6 to 6.6 bar	15/ 12 bar	1	0986345503
24 V	-40°C – +130 °C	1.8 to 2.3 bar	10/ 6 bar	1	0986345202
24 V	-25°C – +85 °C	0.1 to 0.5 bar	15/ 8 bar	1	0986345203

Capacity / Current	Voltage	Contact Travel	Pack Quantity	Part Number
60 W	24 V	Ca. 6 mm	1	0343102015
60 W	24 V	Ca. 6 mm	1	0343102024
5 W	12 V	Ca. 2.2 mm	1	0343102010
60 W	12 V	Ca. 1 mm	1	0343102011

Switches

Headlamp / Ignition Switches	Fastening	Fitting
 <p>Key-operated Switch Up to 24 V, Housing 48 mm</p>	Polished aluminum octagon nut M 26 x 1	26.5 mm with cutout 33.5 x 7.5 mm (twist-proof). Wall thickness up to 2 mm
 <p>Key-operated Switch Up to 24 V, Housing 48 mm</p>	Polished aluminum octagon nut M 26 x 1	26.5 mm with cutout 33.5 x 7.5 mm (twist-proof). Wall thickness up to 2 mm
 <p>Key-operated Switch Up to 24 V, with Safety Lock</p>	Octagon and round nut M22 x 1	22.5 mm; wall thickness up to 6 mm
 <p>Key-operated Switch Up to 24 V, with Safety Lock</p>	Unpolished aluminum round nut M 22 x 1	22.5 mm with cutout; wall thickness up to 3 mm
 <p>Ignition Switch</p>	Polished round nut M22 x 1	22.5 mm with cutout; wall thickness up to 3 mm
 <p>Ignition Switch</p>	Polished round nut M22 x 1	22.5 mm with cutout; wall thickness up to 3 mm
 <p>Key-operated Switch Up to 24 V, Housing 48 mm</p>	Polished aluminum octagon nut M 26 x 1	26.5 mm with cutout 33.5 x 7.5 mm (twist-proof). Wall thickness up to 2 mm
 <p>Key-operated Switch Up to 24 V, Housing 48 mm</p>	Polished aluminum octagon nut M 26 x 1	26.5 mm with cutout 33.5 x 7.5 mm (twist-proof). Wall thickness up to 2 mm

Connection	Capacity / Current	Voltage	Pack Quantity	Part Number
Screw terminals	100 A	24 V	1	0342307001
Screw terminals	100 A	24 V	1	0342307002
Blade terminal	150 W/ 16/ 8 A	12/ 24 V	1	0342309020
Blade terminal	60 W/ 20 A	24 V	1	0342006001
Blade terminal	60 W/ 20 A	24 V	1	0342006003
Blade terminal	60 W/ 20 A	24 V	1	0342006007
Screw terminals	100 A	24 V	1	0342307001
Screw terminals	100 A	24 V	1	0342307002

Switches

Hazard Warning Signal Switch		Fastening	Fitting
	4WD Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Gear change Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	High-beam headlights Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Horn Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Light Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Neutral Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Raising & Lowering Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Raising & Lowering Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Rotating Beacon Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Rotating Beacon Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Start Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Stop Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Warning Light Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm
	Washer System Hazard Warning Signal Switch	Knurled nut	30 mm; wall thickness up to 8 mm

Connection	Voltage	Pack Quantity	Part Number
Blade terminal	12 V bulb	1	0340302109
Blade terminal	12 V bulb	1	0340302103
Blade terminal	12 V bulb	1	0340302105
Blade terminal	12 V bulb	1	0340302113
Blade terminal	12 V bulb	1	0340302106
Blade terminal	12 V bulb	1	0340302108
Blade terminal	12 V bulb	1	0340302112
Blade terminal	12 V bulb	1	0340302115
Blade terminal	12 V bulb	1	0340302104
Blade terminal	12 V bulb	1	0340302107
Blade terminal	12 V bulb	1	0340302114
Blade terminal	12 V bulb	1	0340302110
Blade terminal	12 V bulb	1	0340302111
Blade terminal	12 V bulb	1	0340302102

Switches

Light Switches		Fastening	Fitting
	Push-pull Switch On-off Switch (NO contact)	Knurled nut M12 x 1	12.5 mm; wall thickness up to 6 mm
	Foot-operated Switch Change-over Contact, with Detent	2 oval-head screws hole; 5.3 mm with 38 mm hole spacing	From above
Oil-pressure Warning Switches		Fastening	
	Oil-pressure Switch	M12x1.5	
	Oil-pressure Switch	M12x1.5	
Turn-signal Switches		Fastening	Fitting
	Rotary, Single-circuit Switch with Indicator Lamp	Polished aluminium octagon nut M26 x 1	26.5 mm with cutout; wall thickness up to 2mm
Battery Master		Fitting	
	Battery Master Switch	23 mm / 2 holes, 6.4 mm hole spacing, 38 mm wall thickness up to 14 mm	
	Lever Switch with Switch On Detent	23.5 mm / 2 holes, 6.4 mm hole spacing, 100 mm wall thickness up to 25 mm	
Glow-plug Switches		Fastening	Fitting
	Preheat Lever Switch	Flush installation	22 mm 2 holes 6.4 mm Hole spacing 38 mm

Connection	Capacity / Current	Voltage	Pack Quantity	Part Number
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Blade or screw terminals	100 W	24 V	1	0340006012
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Screw terminals	120 W	24 V	1	0340603001
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Capacity / Current	Voltage	Pressure	Pack Quantity	Part Number
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2x21W	12 V / 24 V	2N – 8N	1	0343102030
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2x21W	12 V / 24 V	2N – 8N	1	0343102031
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Connection	Capacity / Current	Voltage	Pack Quantity	Part Number
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Screw terminal	60 W	12 V	1	0341300002
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Connection	Capacity / Current	Voltage	Pack Quantity	Part Number
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Threaded terminal for cable lug	100/500 A	24 V	1	0341001001
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Threaded terminal for cable lug	250 A	24 V	1	0341002003
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Connection	Capacity / Current	Voltage	Pack Quantity	Part Number
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Bolts	100 A	12 V	1	0343405001
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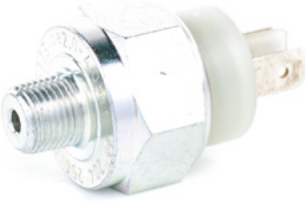
Switches

Universal Pressure Switch	Fastening	Fitting
 <p>Pressure Switch with Bayonet Connector</p>	Screw-in thread M12x1.5	
 <p>Mechanical Pressure Switch with Bayonet Connector</p>	Screw-in thread M12x1.5	
 <p>Push-pull Switch On-off Switch (NO Contact)</p>	Knurled nut M8 x 0.75	8.5 mm; wall thickness up to 5 mm
 <p>Push-button Switch</p>	Hexagon nut	22.5 mm; wall thickness up to 9 mm
 <p>Momentary Push-button (NO Contact)</p>	Octagon nut	22.5 mm; wall thickness up to 6 mm
 <p>Momentary Push-button (NO Contact)</p>	Octagon nut	22.5 mm; wall thickness up to 6 mm
 <p>Momentary Push-button (NO Contact)</p>	Octagon nut	22.5 mm; wall thickness up to 6 mm
 <p>Momentary Push-button (NO Contact)</p>	Octagon nut	22.5 mm; wall thickness up to 6 mm
 <p>Mechanical Brake-light Switch Push-pull Switch</p>	2 Screw terminals M4	

Connection	Capacity / Current	Voltage	Temperature	Pressure	Pack Quantity	Part Number
M 10x1; M 12x1.5; M 16x1.5	30 W	12/24 V	-40°C – +100°C	16/ 12 bar	1	0986346700
M16x1.5; M18x1.5	135 W / 5 A	5-32 V	-30°C – +130°C		1	0986346800
Blade terminals	75W	24 V			1	0986340001
Screw terminals	400 / 250 W	24 V			1	0340000001
Screw terminals	30 / 20 / 15 A	6/12/24 V			1	0343003001
Blade terminals	30 / 20 / 15 A	6/12/24 V			1	0343003004
Blade terminals	30 / 20 / 15 A	6/12/24 V			1	0343003007
Blade terminals	30 / 20 / 15 A	6/12/24 V			1	0343003005
	7A; 4 x 21 W	12 V	-40°C – +120 °C		1	0986340010

Part	Fastening Screw-in Thread	Operating Pressure Range	Connection	Pack Quantity	Part Number	
	Oil-pressure Switch	M 10 x 1	0.15–0.45	Blade terminals	1	0986344082
	Oil-pressure Switch	M 10 x 1	0.3–0.5	Blade terminals	1	0986344085
	Oil-pressure Switch	M 10 x 1	0.5–0.8	Blade terminals	1	0986344090
	Oil-pressure Switch	M 10 x 1	0.05–0.15	Blade terminals	1	0986344055
	Oil-pressure Switch	M 10 x 1	0.15–0.45	Blade terminals	1	0986344044
	Oil-pressure Switch	M 10 x 1	0.2–0.49	Blade terminals	1	0986344032
	Oil-pressure Switch	M 10 x 1	0.2–0.5	Blade terminals	1	0986344058
	Oil-pressure Switch	M 10 x 1	0.5–0.8	Screw terminals	1	0986344084
	Oil-pressure Switch	M 10 x 1	0.3–0.6	Screw terminals	1	0986344051
	Oil-pressure Switch	M 10 x 1	0.3–0.6	Blade terminals	1	0986344056
	Oil-pressure Switch	M 10 x 1	0.5–0.8	Screw terminals	1	0986344052
	Oil-pressure Switch	M 10 x 1	0.5–0.8	Blade terminals	1	0986344033
	Oil-pressure Switch	M 10 x 1	0.8–1.2	Screw terminals	1	0986344053
	Oil-pressure Switch	M 10 x 1	0.8–1.2	Blade terminals	1	0986344041
	Oil-pressure Switch	M 12 x 1.5	0.2–0.5	Blade terminals	1	0986344040
	Oil-pressure Switch	M 12 x 1.5	0.3–0.55	Screw terminals	1	0986344089
	Oil-pressure Switch	M 12 x 1.5	0.05–0.15	Blade terminals	1	0986344035
	Oil-pressure Switch	M 12 x 1.75	1.2–1.7	Blade terminals	1	0986344077
	Oil-pressure Switch	M 14 x 1.5	0.15–0.45	Blade terminals	1	0986344046
	Oil-pressure Switch	M 14 x 1.5	0.3–0.55	Screw terminals	1	0986344080
	Oil-pressure Switch	M 14 x 1.5	0.3–0.55	Blade terminals	1	0986344036
	Oil-pressure Switch	¼"-18 NPTF	0.2–0.6	Threaded pins	1	0986344086
	Oil-pressure Switch	"-27 PTF-	0.3–0.6	Blade terminals	1	0986344076
	Oil-pressure Switch	"-27 PTF-	0.15–0.45	Blade terminals	1	0986344087
	Oil-pressure Switch	SAE short	0.5–0.8	Blade terminals	1	0986344054
	Oil-pressure Switch	"-27 NPTF	0.4–0.7	Blade terminals	1	0986344074

Part	Fastening Screw-in Thread	Operating Pressure Range	Connection	Pack Quantity	Part Number	
	Oil-pressure Switch	M 10 x 1	3–6	Blade terminals	1	0986346110
	Oil-pressure Switch	M 10 x 1	2–4	Blade terminals	1	0986346112
	Oil-pressure Switch	M 10 x 1	2–5	Pin terminals	1	0986346115
	Oil-pressure Switch	" x 27 NPTF	2–4	Blade terminals	1	0986346119
	Oil-pressure Switch	M 14 x 1.5	0.30–0.55	Blade terminals	1	0986346370
	Oil-pressure Switch	M 10 x 1.0	0.30–0.55	Blade terminals	1	0986346371
	Oil-pressure Switch	M 10 x 1.0	0.20–0.40	Blade terminals	1	0986346372
	Oil-pressure Switch	M 10 x 1.0	0.10–0.30	Blade terminals	1	0986346373
	Oil-pressure Switch	M 12 x 1.5	0.20–0.40	Blade terminals	1	0986346374
	Oil-pressure Switch	M 16 x 1.5	0.45–0.75	Blade terminals	1	0986346375
	Oil-pressure Switch	M 14 x 1.5	0.45–0.75	Blade terminals	1	0986346376
	Oil-pressure Switch	M 10 x 1.0	1,80–2,20	Blade terminals	1	0986346377
	Oil-pressure Switch	R 1/8"-28 BSP	0.25–0.35	Plate terminals	1	0986345000
	Oil-pressure Switch	R 1/8"-28 BSP	0.25–0.35	Blade terminals	1	0986345001
	Oil-pressure Switch	R 1/8"-28 BSP	0.30–0.40	Pin terminals	1	0986345003
	Oil-pressure Switch	R 1/8"-28 BSP	0.35–0.45	Screw terminals	1	0986345004
	Oil-pressure Switch	R 1/8"-28 BSP	0.28–0.38	Plate terminals	1	0986345005
	Oil-pressure Switch	R 1/8"-28 BSP	0.30–0.38	Screw terminals	1	0986345006
	Oil-pressure Switch	R 1/8"-28 BSP	0.16–0.18	Blade terminals	1	0986345007
	Oil-pressure Switch	R 1/8"-28 BSP	0.28–0.34	Blade terminals	1	0986345008
Oil-pressure Switch	R 1/8"-28 BSP	0.30–0.32	Pin terminals	1	0986345009	
Oil-pressure Switch	R 1/8"-28 BSP	0.25–0.35	Blade terminals	1	0986345017	
	Stop-lamp Switch / Hydraulic	M 12 x 1.5	3–6	Blade terminals	1	0986345110
	Stop-lamp Switch / Hydraulic	" x 27 NPTF	3–6	Blade terminals	1	0986345111
	Stop-lamp Switch / Hydraulic	M 10 x 1	2–4	Blade terminals	1	0986345112
	Stop-lamp Switch / Hydraulic	M 12 x 1.5	3–6	Blade terminals	1	0986345113
	Stop-lamp Switch / Hydraulic	M 10 x 1	2–4	Blade terminals	1	0986345114
	Stop-lamp Switch / Hydraulic	M 10 x 1	2–5	Pin terminals	1	0986345115

Part	Fastening Screw-in Thread	Operating Pressure Range	Connection	Pack Quantity	Part Number	
	Stop-lamp Switch / Hydraulic	M 10 x 1	2–5	Blade terminals	1	0986345116
	Stop-lamp Switch / Hydraulic	M 10 x 1	3–6	Pin terminals	1	0986345117
	Stop-lamp Switch / Hydraulic	" x 27 NPTF	2–4	Blade terminals	1	0986345119
	Stop-lamp Switch / Pneumatic	M 12 x 1.5	0.1–0.5	Blade terminals	1	0986345408
	Stop-lamp Switch / Pneumatic	M 12 x 1.5	0.1–0.5	Blade terminals	1	0986345409
	Stop-lamp Switch / Pneumatic	M 12 x 1.5	0.1–0.5	Pin terminals	1	0986345410
	Stop-lamp Switch / Pneumatic	M 12 x 1.5	1.0–1.4	Pin terminals	1	0986345411
	Stop-lamp Switch / Pneumatic	M 10 x 1	0.1–0.3	Pin terminals	1	0986345413
	Stop-lamp Switch / Pneumatic	M 10 x 1	0.75–1.0	Pin terminals	1	0986345414

Part	Description	Pack Quantity	Part Number
 <p>Socket Panel-mounted standard socket</p>	<p>Water tight, with screw-on cover; From 12 – 24 V; pre-assembled with 300mm cable and secured with hexagon nut; installation aperture: 18.4 mm; temperature resistant: -40°F – 221°F</p>	5	0986352823
 <p>Socket Panel-mounted standard socket</p>	<p>6.3 mm flat connection; the cover protects against dust and splashed water; socket secured with hexagon nut and suitable for standard and universal plugs; max. 16 A/1–24 V; installation aperture 18 mm</p>	1	0986352804
 <p>Socket Surface-mounted standard socket, 2-pole housing</p>	<p>12 A, 6 – 24 V; aluminum housing, plastic socket and 2 holes spacing 46 mm; screw terminal for wire and ferrules</p>	10	0352221001
 <p>Connector Standard plug</p>	<p>For standard socket, 10 A and 6 – 24 V, black housing, straight, 2 screw terminals</p>	5	0986352000
 <p>Connector Standard plug</p>	<p>For standard socket and cigar lighter socket; 8 A at 6 – 24 V, black straight housing with 2 screw terminals and adapter; fuse pretection up to 8 A with ceramic or glass fuse</p>	25	0986352016
 <p>Connector Universal plug</p>	<p>For standard socket and cigar lighter socket; 8 A at 6 – 24 V, black straight housing with 2 screw terminals and adapter; fuse pretection up to 8 A with ceramic or glass fuse; the front and rear of the plug housing can be redated while at the same time pivoting through, 32 – 158°C</p>	1	0986352818
 <p>Extension Cable Extension Cable</p>	<p>8 A and 12 – 24 V, flat cable (2 x 0.75 mm²); With safety universal plug and break-resistant connection for standard plugs; length 4 m</p>	10	0986352825
 <p>Adapter Line Adapter cable</p>	<p>8 A and 12 – 24 V, standard plug and connection (inner 21 mm); lenght 0.25 m</p>	10	0986352824
 <p>Socket AC mains socket</p>	<p>Socket with screw thread made for operation of equipment in cars, boats and caravans; 20 A load capacity with cable cross-section 2.5 mm; 2.5 A load capacity, with cable cross-section 1.5 mm; internal diameter 22 mm and installation aperture 27.8 mm</p>	1	0986352100
 <p>On-off Switch Push-pull switch (NO contact)</p>	<p>Black knob; Switching capacity: 60 W / 24 V. Fastening: with knurled nut M 8 x 0.75. Fitting: 8.5 mm. For wall thicknesses up to 5 mm. Connection: screw terminals</p>	1	0986340001

Cross Reference

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Bosch Relays in automobiles and off-highway applications

Proven in cars, trucks and motorcycles

- ▶ Coolant fan
- ▶ Gasoline pump
- ▶ Wiper motor
- ▶ Fan motor
- ▶ Electric seat heating,
seat adjustment
- ▶ Heated rear window
- ▶ Brake light
- ▶ Central locking system
- ▶ Electric windows
- ▶ Electric side mirrors
- ▶ Starters
- ▶ Horns
- ▶ ABS

Suitable for additional applications

- ▶ Automatic sliding doors
- ▶ Electric wheelchairs
- ▶ Marine electronics
- ▶ Electric lawnmowers
- ▶ Bicycle drives
- ▶ Conveyor systems
- ▶ Garage door drives
- ▶ Emergency power and
charging systems
- ▶ Cleaning devices
- ▶ Robot control systems
- ▶ Construction machinery
- ▶ Agricultural machinery
- ▶ Furniture adjustment systems
- ▶ Automatic vending machines



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