



ROCKER SWITCHES



THE NEW HELLA SWITCH CONFIGURATOR

Configure your switches yourself! Choose between the 3100 series (indoor and outdoor applications) and the 4100 series (indoor applications).

You can select any switch functions as well as the operating voltage, combinations of symbols and the corresponding accessories with only a few clicks.

They can easily be transferred to a favourites list, printed out, or sent as an online request.

Your request will be processed individually with the desired symbol configuration and customer-specific article number on a project-specific basis.



www.hella.com/switch





BUSINESS.



SIMPLIFIED.

Everything we do revolves around our customers.

In order to ensure that business runs smoothly, HELLA supports wholesalers as your daily business is already complicated enough. That's why we see it as our job to make this as simple as possible for you.

For the aftermarket, we offer outstanding availability of goods using sophisticated logistics and first-class data management as well as targeted sales support. This speeds up and simplifies the wholesale business – for greater efficiency.

We support workshops throughout the entire repair process. We search proactively for new solutions to help independent workshops successfully master the growing complexity of the different models so that customer cars can "hit the road" that much faster. This is how we make your daily business run faster and more profitable.

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SERIES OVERVIEW

3100 -



- Waterproof and dustproof module switch series
- High level of reliability under extreme conditions
- Ideal for use in harsh environments
- Individual application due to abrasion-resistant lasered symbols
- Wide range of standard and customer-specific symbols

Mounting hole, without installation frame [mm]	37,0 x 21,1
Mounting hole, with installation frame [mm]	51.3 x 48.3 (for two units)
Dashboard thickness for direct installation [mm]	1,6...6,3
Dashboard thickness with installation frame [mm]	2,5...6,5
	Normally open contact Changeover contact
Switch function	Normally open contact with lock Changeover contact with lock Hazard warning flashing Warning light
Switch principle	Bridge switch
Actuation mode	Pushbutton Toggle
Circuits	Max. 2
Switching steps	0-1, 0-1-2, 1-0-2
Protection class	IP 68, connector side: IP 66
Rated switching current, resistive load, 12 V [A]	20
Rated switching current, resistive load, 24 V [A]	15
Electrical service life, resistive load, 12 V	50,000 switching cycles, 20 A
Electrical service life, resistive load, 24 V	50,000 switching cycles, 15 A
Mechanical design life	150,000 switching cycles
Blade terminal [mm]	6,3 x 0,8
Operating temperature [°C]	-40...+85
Housing material	PBT
Rocker switch material	PC transparent, painted
Function check	Yes, partially
Location lighting	Yes
Light source	LED
Type of symbols	lasered
Configurable online?	Yes (www.hella.com/switch)

4100 -



- Self-cleaning contacts
- Safe switching of small currents without contaminating the contacts
- Individual application due to abrasion-resistant laser symbols
- Wide range of standard and customer-specific symbols
- Classic design

41,8 x 19,8

44.1 x 22.1 (for one unit)

2 (+/- 0,3)

3...4

Normally open contact
Changeover contact

Changeover contact with lock
Hazard warning flashing
Warning light

Microswitch with self-cleaning contacts

Pushbutton
Toggle

Max. 2

0-1, 0-1-2, 1-0-2

IP 52

10

10

50,000 switching cycles, 10 A

50,000 switching cycles, 10 A

450,000 switching cycles

2,8 x 0,8

-40...+85

PA

PC transparent, painted

Yes, partially

Yes

LED

Lasered

Yes (www.hella.com/switch)

4570 - / 7832 -



- Basic range
- Proven over more than 20 years
- Individual application due to snap-in lasered symbols
- Replacement and retrofitting through standardised mounting hole and mounting frame

44,1 x 22,1

51.3 x 48.1 (for two units)

1...2,5

1...2,5

Normally open contact
Changeover contact
Combination switch
Normally open contact with lock
Changeover contact with lock
Hazard warning flashing
Warning light

Bridge switch

Pushbutton
Toggle

Max. 2

0-1, 0-1-2, 1-0-2

IP6

16

8

20,000 switching cycles, 16 A

20,000 switching cycles, 8 A

250,000 switching cycles

6,3 x 0,8

-35...+65

PA6

PA6

Yes, partially

Yes

LED / Bulb

Symbol plate, coloured

No



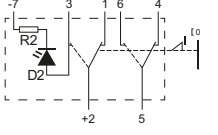
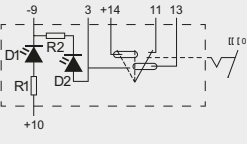
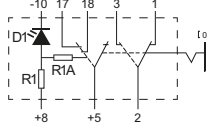
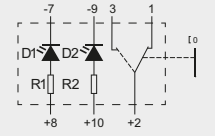
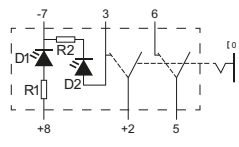
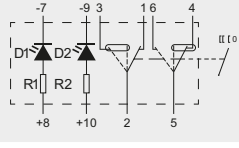
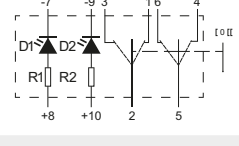
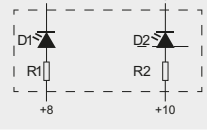
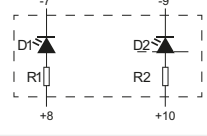
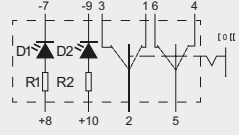
FUNCTION	CIRCUIT DIAGRAM	DESIGN				ACTUATION MODE		OPERATING VOLTAGE Volt
		Warning light	Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
00			✓				✓	12V / 24V
01				✓			✓	12V / 24V
02			✓				✓	12V / 24V
03			✓				✓	12V / 24V
04				✓			✓	12V / 24V
05			✓				✓	12V / 24V

3100 SERIES

The waterproof module switch 3100 series for electrical systems meets the requirements of the protection class IP 68. The lasered symbols are illuminated by integrated LEDs. The series is ideal for use in agricultural and construction vehicles due to its high reliability under extreme conditions. It is also simple to install either directly in the mounting hole or using a modular mounting frame.

CIRCUITS		SWITCHING STEPS		SYMBOL LIGHTING		FUNCTION DISPLAY				MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	S1	S2	F1	F2	Internal	External	Rocker colour	Switching steps	Connector type
✓		✓			■	■		✓		■	1-0	Type I
✓		✓		■						■	1-0	Type I
	✓		✓		■	■		✓		■	2-1-0	Type I
	✓	✓			■	■		✓		■	1-0	Type I
	✓	✓		■						■	1-0	Type I
	✓	✓			■	■		✓		■	1-0	Type I

3100 SERIES

FUNCTION	CIRCUIT DIAGRAM	DESIGN				ACTUATION MODE		OPERATING VOLTAGE Volt
		Warning light	Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
06				✓			✓	12V / 24V
07			✓			✓		12V / 24V
08					✓	✓		12V / 24V
09			✓				✓	12V / 24V
10			✓			✓		12V / 24V
11			✓			✓	✓	12V / 24V
12			✓				✓	12V / 24V
13		✓						12V / 24V
14		✓						12V / 24V
15			✓			✓		12V / 24V

CIRCUITS		SWITCHING STEPS		SYMBOL LIGHTING		FUNCTION DISPLAY				MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	S1	S2	F1	F2	Internal	External	Rocker colour	Switching steps	Connector type
	✓	✓		■						■	1-0	Type I
✓			✓		■	■		✓		■	2-1-0	Type III
	✓	✓			■					■	1-0	Type II
✓		✓			■	■			✓	■	1-0	Type I
	✓	✓			■	■		✓		■	1-0	Type I
	✓		✓		■	■			✓	■	2-1-0	Type I
	✓		✓		■	■			✓	■	1-0-2	Type I
				■	■					■		Type I
				■	■					■		Type I
	✓		✓		■	■			✓	■	1-0-2	Type I

3100 SERIES

FUNCTION	CIRCUIT DIAGRAM	DESIGN				ACTUATION MODE		OPERATING VOLTAGE Volt
		Warning light	Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
16			✓			✓		12V / 24V
17			✓			✓		12V / 24V
18			✓				✓	12V / 24V
19			✓				✓	24V
20			✓				✓	24V
21		✓						24V
23			✓			✓	✓	24V
24			✓				✓	12V
25			✓			✓		12V
26			✓			✓		12V

CIRCUITS		SWITCHING STEPS		SYMBOL LIGHTING		FUNCTION DISPLAY				MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	S1	S2	F1	F2	Internal	External	Rocker colour	Switching steps	Connector type
	✓		✓		■	■			✓	■	2-1-0	Type I
✓		✓			■	■		✓		■	1-0	Type I
	✓		✓		■	■			✓	■	1-0-2	Type I
✓		✓			□	■		✓		■	1-0	Type I
	✓		✓		□	■			✓	■	1-0-2	Type I
				■	■					■		Type I
✓			✓		■	■			✓	■	1-0-2	Type I
✓		✓			□	■			✓	■	1-0	Type I
	✓	✓			□	■		✓		■	1-0	Type I
	✓	✓			□	■		✓		■	1-0	Type I

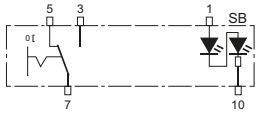
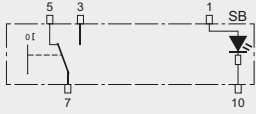
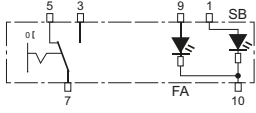
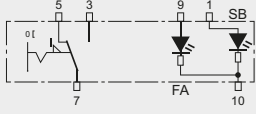
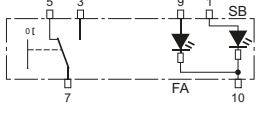
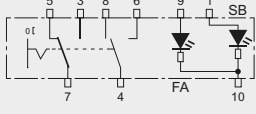
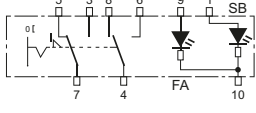
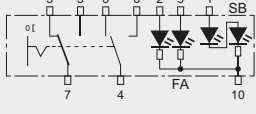
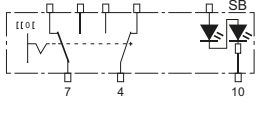
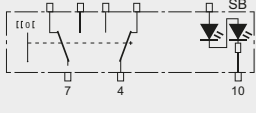


FUNCTION	CIRCUIT DIAGRAM	DESIGN				ACTUATION MODE		OPERATING VOLTAGE Volt
		Warning light	Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
00			✓			✓		12V / 24V
01			✓			✓		12V / 24V
02				✓		✓		12V / 24V
03			✓			✓		12V / 24V
04			✓			✓		12V / 24V
05				✓		✓		12V / 24V

4100 SERIES

The modular switch series with a self-cleaning microswitch is suitable for modern electrical and electronic systems. This also ensures reliable switching of small currents without contaminating the contacts. The series features a timeless design, with lasered symbols illuminated by integrated LEDs.

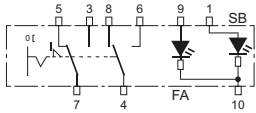
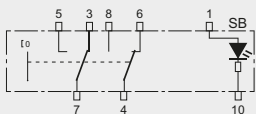
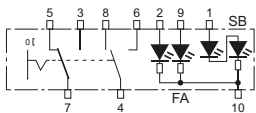
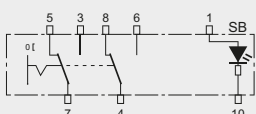
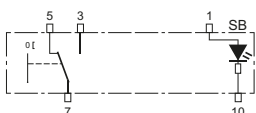
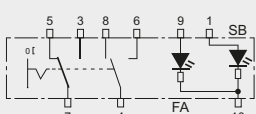
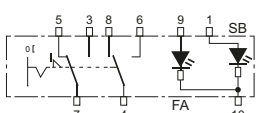
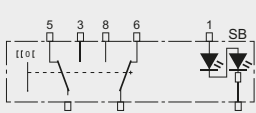
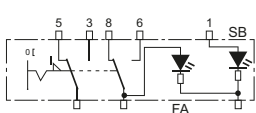
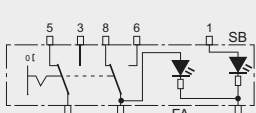
CIRCUITS		SWITCHING STEPS		SYMBOL LIGHTING		FUNCTION DISPLAY				MISCELLANEOUS	
1 circuit	2 circuits	1 step	2 steps	S1	S2	F1	F2	Internal	External	Rocker colour	Switching steps
✓		✓		■						■	0-1
✓		✓		■		■		✓		■	0-1
✓		✓		■		■		✓		■	0-1
	✓	✓		■						■	0-1
	✓	✓		■		■		✓		■	0-1
	✓	✓		■		■		✓		■	0-1

FUNCTION	CIRCUIT DIAGRAM	DESIGN				ACTUATION MODE		OPERATING VOLTAGE Volt
		Warning light	Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
06			✓			✓		12V / 24V
07			✓				✓	12V / 24V
08			✓			✓		12V / 24V
09				✓		✓		12V / 24V
10			✓				✓	12V / 24V
11			✓			✓		12V / 24V
12				✓		✓		12V / 24V
13			✓			✓		12V / 24V
14			✓			✓		12V / 24V
15			✓				✓	12V / 24V

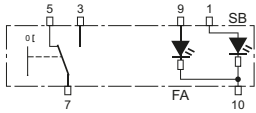
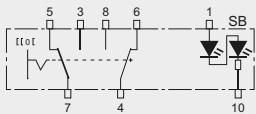
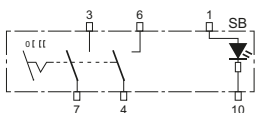
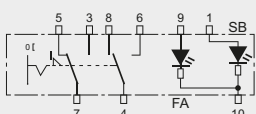
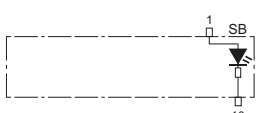
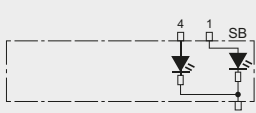
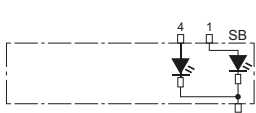
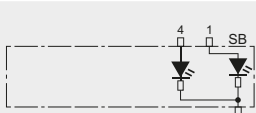
CIRCUITS		SWITCHING STEPS		SYMBOL LIGHTING		FUNCTION DISPLAY				MISCELLANEOUS	
1 circuit	2 circuits	1 step	2 steps	S1	S2	F1	F2	Internal	External	Rocker colour	Switching steps
✓		✓		■	■					■	0-1
✓		✓		■						■	0-1
✓		✓		■		■			✓	■	0-1
✓		✓		■		■			✓	■	0-1
✓		✓		■		■			✓	■	0-1
	✓	✓		■		■			✓	■	0-1
	✓	✓		■		■			✓	■	0-1
	✓	✓		■	■	■	■		✓	■	0-1
	✓		✓	■	■					■	2-0-1
	✓		✓	■	■					■	2-0-1

FUNCTION	CIRCUIT DIAGRAM	DESIGN				ACTUATION MODE		OPERATING VOLTAGE Volt
		Warning light	Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
16			✓			✓		12V / 24V
17			✓				✓	12V / 24V
18			✓			✓		12V / 24V
19			✓			✓		12V / 24V
20			✓			✓	✓	12V / 24V
21			✓			✓		12V / 24V
22			✓				✓	12V / 24V
23			✓			✓		12V / 24V
24			✓			✓		12V / 24V
25					✓	✓		12V / 24V

CIRCUITS		SWITCHING STEPS		SYMBOL LIGHTING		FUNCTION DISPLAY				MISCELLANEOUS	
1 circuit	2 circuits	1 step	2 steps	S1	S2	F1	F2	Internal	External	Rocker colour	Switching steps
	✓		✓	■	■	■	■	✓		■	2-0-1
	✓		✓	■	■	■			✓	■	2-0-1
	✓		✓	■		■	■	✓		■	2-0-1
	✓		✓	■						■	2-0-1
	✓		✓	■	■	■			✓	■	2-0-1
	✓		✓	■	■	■	■		✓	■	2-0-1
	✓		✓	■	■	■	■		✓	■	2-0-1
	✓		✓	■	■	■	■	✓		■	2-0-1
	✓		✓	■						■	0-1-2
✓		✓		■		■		✓		■	0-1

FUNCTION	CIRCUIT DIAGRAM	DESIGN				ACTUATION MODE		OPERATING VOLTAGE
		Warning light	Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
28				✓		✓		24 V
29			✓				✓	12 V / 24 V
30					✓	✓		12 V / 24 V
31			✓			✓		24 V
32			✓				✓	24 V
33			✓			✓		24 V
34				✓		✓		24 V
35			✓				✓	24 V
36				✓		✓		24 V
37			✓			✓		24 V

CIRCUITS		SWITCHING STEPS		SYMBOL LIGHTING		FUNCTION DISPLAY				MISCELLANEOUS	
1 circuit	2 circuits	1 step	2 steps	S1	S2	F1	F2	Internal	External	Rocker colour	Switching steps
	✓	✓		■		■			✓	■	0-1
	✓	✓		■						■	0-1
	✓	✓		■		■	■		✓	■	0-1
	✓	✓		■						■	0-1
✓		✓		■						■	0-1
	✓	✓		■		■			✓	■	0-1
	✓	✓		■		■			✓	■	0-1
	✓		✓	■	■					■	2-0-1
	✓	✓		■		■		✓		■	0-1
	✓	✓		■		■		✓		■	0-1

FUNCTION	CIRCUIT DIAGRAM	DESIGN				ACTUATION MODE		OPERATING VOLTAGE
		Warning light	Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
38			✓				✓	24 V
39			✓				✓	24 V
40			✓				✓	24 V
41				✓			✓	24 V
78		✓						12 V / 24 V
79		✓						12 V / 24 V
80		✓						12 V / 24 V
81		✓						12 V / 24 V

CIRCUITS		SWITCHING STEPS		SYMBOL LIGHTING		FUNCTION DISPLAY				MISCELLANEOUS	
1 circuit	2 circuits	1 step	2 steps	S1	S2	F1	F2	Internal	External	Rocker colour	Switching steps
✓		✓		■		■			✓	■	0-1
	✓		✓	■	■					■	2-0-1
	✓		✓	■						■	0-1-2
	✓	✓		■		■			✓	■	0-1
				■						■	
				■	■					■	
				■	■					■	
				■	■					■	

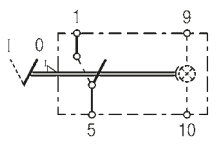
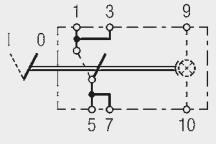
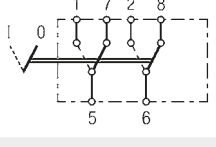
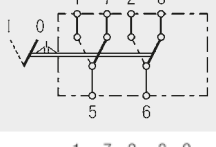
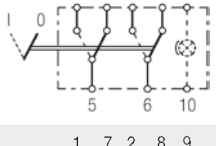
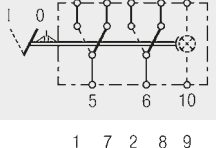
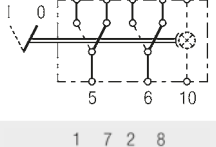
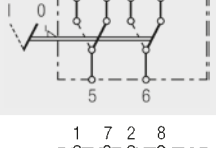
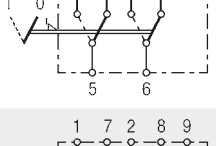
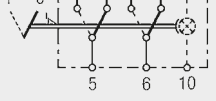


CIRCUIT DIAGRAM	SERIES		PART NO.	DESIGN			ACTUATION MODE		OPERATING VOLTAGE
	4570	7832		Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	Volt
	✓		6EH 004 570-001	✓			✓		12-32 V
		✓	6EH 007 832-001	✓			✓		12-32 V
	✓		6FH 004 570-101	✓			✓		12-32 V
		✓	6FH 007 832-051	✓			✓		12-32 V
	✓		6EH 004 570-011	✓			✓		12-32 V
		✓	6EH 007 832-011	✓			✓		12-32 V
	✓		6FH 004 570-111	✓			✓		12-32 V
		✓	6FH 007 832-061	✓			✓		12-32 V
	✓		6EH 004 570-021	✓			✓		12-32 V
	✓		6EH 004 570-027	✓			✓		12-32 V
		✓	6EH 007 832-021	✓			✓		12-32 V
	✓		6FH 004 570-777	✓			✓		12-32 V
	✓		6FH 004 570-121	✓			✓		12-32 V
	✓		6FH 004 570-127	✓			✓		12-32 V
		✓	6FH 007 832-081	✓			✓		12-32 V

4570/7832 SERIES

The basic program for simple electrical systems that has proven itself over more than 20 years. The symbol cards are available to DIN standard or in the customer's choice of colours. The symbols are lit by incandescent bulbs or LEDs, which can be ordered as accessories.

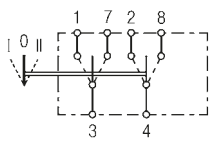
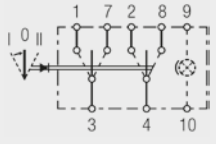
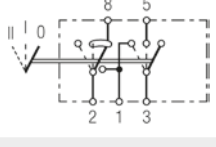
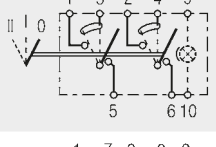
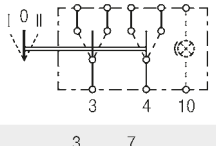
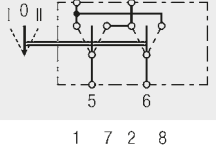
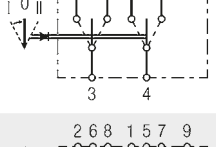
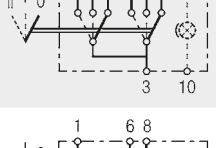
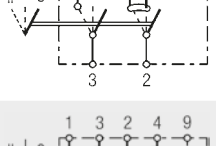
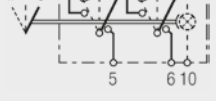
CIRCUITS		SWITCHING STEPS		LIGHTING TYPE			MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	Without lighting	Location lighting	With pilot lighting and function lighting	Rocker colour	Switching steps	gold-plated connections
✓		✓		✓				I-0	
✓		✓		✓				I-0	
✓		✓		✓				I-0	
✓		✓		✓				I-0	
✓		✓			✓			I-0	
✓		✓			✓			I-0	
✓		✓				✓		I-0	
✓		✓				✓		I-0	
✓		✓				✓		I-0	
✓		✓				✓		I-0	✓
✓		✓				✓		I-0	
✓		✓				✓		I-0	
✓		✓				✓		I-0	

CIRCUIT DIAGRAM	SERIES		PART NO.	DESIGN			ACTUATION MODE		OPERATING VOLTAGE
	4570	7832		Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	Volt
	✓		6EH 004 570-621		✓		✓		12-32 V
		✓	6EH 007 832-041		✓		✓		12-32 V
	✓		6EH 004 570-681	✓			✓		12-32 V
		✓	6EH 007 832-611	✓			✓		12-32 V
	✓		6FH 004 570-501	✓			✓		12-32 V
		✓	6FH 007 832-121	✓			✓		12-32 V
		✓	6EH 007 832-601		✓(2)		✓		12-32 V
	✓		6FH 004 570-341	✓			✓		12-32 V
	✓		6EH 004 570-641		✓(2)		✓		12-32 V
		✓	6EH 007 832-751		✓(2)		✓		12-32 V
	✓		6FH 004 570-131	✓			✓		12-32 V
	✓		6FH 004 570-137	✓			✓		12-32 V
		✓	6FH 007 832-101	✓			✓		12-32 V
		✓	6RH 008 948-012		✓		✓		12-32 V
	✓		6RH 008 910-011		✓		✓		12-32 V
		✓	6EH 007 832-491		✓		✓		12-32 V

CIRCUITS		SWITCHING STEPS		LIGHTING TYPE			MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	Without lighting	Location lighting	With pilot lighting and function lighting	Rocker colour	Switching steps	gold-plated connections
✓		✓				✓		I-0	
✓		✓				✓		I-0	
✓		✓				✓		I-0	
✓		✓				✓		I-0	
	✓	✓		✓				I-0	
	✓	✓		✓				I-0	
	✓	✓		✓				I-0	
	✓	✓			✓			I-0	
	✓	✓				✓		I-0	
	✓	✓				✓		I-0	
	✓	✓				✓		I-0	
	✓	✓		✓				I-0	
	✓	✓		✓				I-0	✓
	✓	✓				✓		I-0	

CIRCUIT DIAGRAM	SERIES		PART NO.	DESIGN			ACTUATION MODE		OPERATING VOLTAGE
	4570	7832		Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
		✓	6EH 007 832-671		✓(2)		✓		12-32 V
	✓		6FH 004 570-511	✓			✓		12-32 V
	✓		6FH 004 570-517	✓			✓		12-32 V
		✓	6FH 007 832-131	✓			✓		12-32 V
	✓		6RH 004 570-151	✓			✓		12-32 V
		✓	6RH 007 832-331	✓			✓		12-32 V
	✓		6RH 004 570-161	✓			✓		12-32 V
		✓	6RH 007 832-341	✓			✓		12-32 V
	✓		6RH 004 570-171	✓			✓		12-32 V
	✓		6RH 004 570-177	✓			✓		12-32 V
		✓	6RH 007 832-351	✓			✓		12-32 V
	✓		6RH 004 570-351	✓			✓		12-32 V
		✓	6RH 007 832-431	✓			✓		12-32 V
	✓		6RH 004 570-311	✓			Step 1	Step 2	12-32 V
		✓	6RH 007 832-411	✓			Step 1	Step 2	12-32 V
	✓		6RH 004 570-361	✓			✓		12-32 V
		✓	6RH 007 832-441	✓			✓		12-32 V
	✓		6RH 004 570-261	✓			✓		12-32 V
	✓		6RH 004 570-267	✓			✓		12-32 V
		✓	6RH 007 832-391	✓			✓		12-32 V
		✓	6FH 007 832-511	✓			✓		12-32 V

CIRCUITS		SWITCHING STEPS		LIGHTING TYPE			MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	Without lighting	Location lighting	With pilot lighting and function lighting	Rocker colour	Switching steps	gold-plated connections
	✓	✓			✓			I-0	
✓			✓	✓				II-0-I	
✓			✓	✓				II-0-I	
✓			✓	✓				II-0-I	
✓			✓		✓			II-I-0	
✓			✓	✓				II-I-0	
✓			✓		✓			II-I-0	
✓			✓		✓			II-I-0	
✓			✓		✓			II-I-0	
✓			✓		✓			II-I-0	
✓			✓	✓				II-I-0	
✓			✓	✓				II-I-0	
✓			✓		✓			II-I-0	
✓			✓		✓			II-I-0	
✓			✓		✓			II-I-0	
✓			✓		✓			II-I-0	
✓			✓	✓				II-I-0	

CIRCUIT DIAGRAM	SERIES		PART NO.	DESIGN			ACTUATION MODE		OPERATING VOLTAGE
	4570	7832		Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
	✓		6FH 004 570-531	✓			✓		12-32 V
		✓	6FH 007 832-161	✓			✓		12-32 V
		✓	6RH 008 948-022	✓			Step 2	Step 1	12-32 V
		✓	6RH 007 832-761	✓			✓		12-32 V
		✓	6RH 007 832-681	✓			✓		12-32 V
	✓		6FH 004 570-521	✓			✓		12-32 V
		✓	6FH 007 832-151	✓			✓		12-32 V
	✓		6RH 004 570-751	✓			✓		12-32 V
		✓	6RH 007 832-481	✓			✓		12-32 V
	✓		6FH 004 570-541	✓			Step 2	Step 1	12-32 V
		✓	6FH 007 832-171	✓			Step 2	Step 1	12-32 V
	✓		6RH 004 570-371	✓			✓		12-32 V
		✓	6RH 007 832-701	✓			✓		12-32 V
	✓		6RH 004 570-401	✓			✓		12-32 V
		✓	6RH 007 832-451	✓			✓		12-32 V
	✓		6RH 004 570-187	✓			✓		12-32 V
	✓		6RH 004 570-787	✓			✓		12-32 V
		✓	6RH 007 832-377	✓			✓		12-32 V

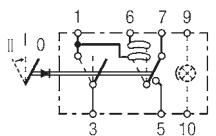
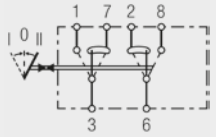
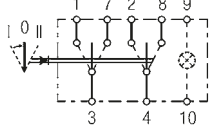
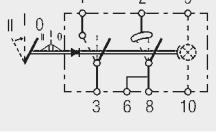
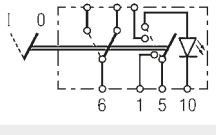
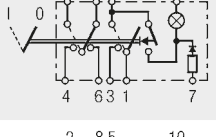
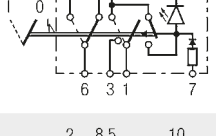
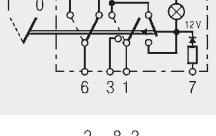
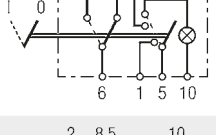
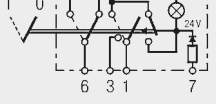
CIRCUITS		SWITCHING STEPS		LIGHTING TYPE			MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	Without lighting	Location lighting	With pilot lighting and function lighting	Rocker colour	Switching steps	gold-plated connections
	✓		✓	✓				I-0-II	
	✓		✓	✓				I-0-II	
	✓		✓		✓			I-0-II	
	✓		✓	✓				II-I-0	
	✓		✓		✓			II-I-0	
	✓		✓		✓			I-0-II	
	✓		✓		✓			I-0-II	
	✓		✓	✓				I-0-II	
	✓		✓	✓				I-0-II	
	✓		✓	✓				I-0-II	
	✓		✓		✓			II-I-0	
	✓		✓		✓			II-I-0	
	✓		✓	✓				II-I-0	
	✓		✓	✓				II-I-0	
	✓		✓			✓		II-I-0	
	✓		✓			✓		II-I-0	✓
	✓		✓			✓		II-I-0	

CIRCUIT DIAGRAM	SERIES		PART NO.	DESIGN			ACTUATION MODE		OPERATING VOLTAGE Volt
	4570	7832		Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	
	✓		6RH 004 570-411	✓			✓		12-32 V
	✓		6RH 004 570-417	✓			✓		12-32 V
		✓	6RH 007 832-461	✓			✓		12-32 V
	✓		6RH 004 570-191	✓			✓		12-32 V
		✓	6RH 007 832-381	✓			✓		12-32 V
	✓		6RH 004 570-321	✓			✓		12-32 V
		✓	6RH 007 832-731	✓			✓		12-32 V
	✓		6RH 008 910-022	✓			✓		12-32 V
	✓		6RH 004 570-671	✓			✓		12-32 V
	✓		6RH 004 570-041	✓			✓		12-32 V
		✓	6RH 007 832-741	✓			✓		12-32 V
	✓		6RH 008 910-032	✓			✓		12-32 V
		✓	6RH 007 832-797	✓			✓		12-32 V
	✓		6GM 004 570-051	✓				✓	12-32 V
		✓	6GM 007 832-181	✓				✓	12-32 V
	✓		6GM 004 570-691	✓	✓			✓	12-32 V
		✓	6GM 007 832-271		✓			✓	12-32 V

CIRCUITS		SWITCHING STEPS		LIGHTING TYPE			MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	Without lighting	Location lighting	With pilot lighting and function lighting	Rocker colour	Switching steps	gold-plated connections
	✓		✓		✓			II-I-0	
	✓		✓		✓			II-I-0	
	✓		✓		✓			II-I-0	
	✓		✓	✓				II-I-0	
	✓		✓	✓				II-I-0	
	✓		✓			✓		II-I-0	
	✓		✓		✓			II-I-0	
	✓		✓			✓		II-I-0	
	✓		✓			✓		II-I-0	
	✓		✓		✓			II-I-0	
	✓		✓			✓		II-I-0	
✓		✓		✓				I-0	
✓		✓		✓				I-0	
✓		✓		✓				I-0	
✓		✓			✓			I-0	

CIRCUIT DIAGRAM	SERIES		PART NO.	DESIGN			ACTUATION MODE		OPERATING VOLTAGE
	4570	7832		Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	Volt
	✓		6GM 004 570-061	✓				✓	12-32 V
	✓		6GM 004 570-067	✓				✓	12-32 V
		✓	6GM 007 832-191	✓				✓	12-32 V
	✓		6GM 004 570-767	✓				✓	12-32 V
	✓		6GM 004 570-071	✓				✓	12-32 V
		✓	6GM 007 832-211	✓				✓	12-32 V
	✓		6GM 004 570-081	✓				✓	12-32 V
		✓	6GM 007 832-221	✓				✓	12-32 V
		✓	6GM 007 832-521	✓				✓	12-32 V
	✓		6FH 004 570-571	✓				✓	12-32 V
		✓	6FH 007 832-621	✓				✓	12-32 V
	✓		6GM 004 570-201	✓				✓	12-32 V
		✓	6GM 007 832-231	✓				✓	12-32 V
	✓		6GM 004 570-211	✓				✓	12-32 V
		✓	6GM 007 832-241	✓				✓	12-32 V
	✓		6GM 004 570-797	✓				✓	12-32 V
	✓		6GM 004 570-231	✓				✓	12-32 V
		✓	6GM 007 832-261	✓				✓	12-32 V
	✓		6GM 004 570-221	✓				✓	12-32 V
		✓	6GM 007 832-251	✓				✓	12-32 V
		✓	6RH 007 832-551	✓			Step 1	Step 2	12-32 V

CIRCUITS		SWITCHING STEPS		LIGHTING TYPE			MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	Without lighting	Location lighting	With pilot lighting and function lighting	Rocker colour	Switching steps	gold-plated connections
✓		✓			✓			I-0	
✓		✓			✓			I-0	
✓		✓			✓			I-0	
✓		✓			✓			I-0	✓
	✓	✓		✓				I-0	
	✓	✓		✓				I-0	
✓		✓			✓			I-0	
✓		✓			✓			I-0	
	✓	✓		✓				I-0	
	✓	✓			✓			I-0	
	✓	✓			✓			I-0	
✓			✓	✓				I-0-II	
✓			✓	✓				I-0-II	
✓			✓		✓			I-0-II	
✓			✓		✓			I-0-II	
✓			✓		✓			I-0-II	✓
	✓		✓	✓				I-0-II	
	✓		✓	✓				I-0-II	
	✓		✓		✓			I-0-II	
	✓		✓		✓			I-0-II	
	✓		✓	✓				II-I-0	

CIRCUIT DIAGRAM	SERIES		PART NO.	DESIGN			ACTUATION MODE		OPERATING VOLTAGE
	4570	7832		Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	Volt
	✓		6RH 004 570-331	✓			Step 1	Step 2	12-32 V
		✓	6RH 007 832-421	✓			Step 1	Step 2	12-32 V
	✓		6GM 004 570-271	✓				✓	12-32 V
		✓	6GM 007 832-631	✓				✓	12-32 V
	✓		6FH 004 570-241	✓			Step 2	Step 1	12-32 V
		✓	6RH 007 832-651		✓(2)		Step 1	Step 2	12-32 V
	✓		6HH 004 570-431			✓	✓		LED 12-32 V
		✓	6HH 007 832-711			✓	✓		LED 12-32 V
	✓		6HH 004 570-481			✓	✓		24 V
		✓	6HH 007 832-301			✓	✓		24 V
		✓	6HH 007 832-721			✓	✓		LED 12-32 V
	✓		6HH 004 570-491			✓	✓		12 V
		✓	6HH 007 832-321			✓	✓		12 V
		✓	6HH 007 832-807			✓	✓		12 V
	✓		6HH 004 570-451			✓	✓		12 V
		✓	6HH 007 832-281			✓	✓		12 V
		✓	6HH 007 832-661			✓	✓		12 V
	✓		6HH 004 570-477			✓	✓		24 V
		✓	6HH 007 832-297			✓	✓		24 V

CIRCUITS		SWITCHING STEPS		LIGHTING TYPE			MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	Without lighting	Location lighting	With pilot lighting and function lighting	Rocker colour	Switching steps	gold-plated connections
✓			✓		✓			II-I-0	
✓			✓		✓			II-I-0	
	✓		✓	✓				I-0-II	
	✓		✓	✓				I-0-II	
	✓		✓		✓			I-0-II	
	✓		✓			✓		II-I-0	
	✓	✓			✓			I-0	
	✓	✓			✓			I-0	
	✓	✓				✓		I-0	
	✓	✓				✓		I-0	
	✓	✓			✓			I-0	
	✓	✓				✓	■	I-0	
	✓	✓			✓			I-0	
	✓	✓				✓		I-0	
	✓	✓				✓	■	I-0	
	✓	✓				✓		I-0	
	✓	✓				✓		I-0	

CIRCUIT DIAGRAM	SERIES		PART NO.	DESIGN			ACTUATION MODE		OPERATING VOLTAGE
	4570	7832		Switches	Switch with lock	Hazard light switch	Toggle	Pushbutton	Volt
	✓		6HH 004 570-591			✓	✓	24 V	
		✓	6HH 007 832-641			✓	✓	24 V	
		✓	6HH 007 832-771			✓	✓	12 V	
		✓	6HH 007 832-591			✓	✓	24 V	

CIRCUITS		SWITCHING STEPS		LIGHTING TYPE			MISCELLANEOUS		
1 circuit	2 circuits	1 step	2 steps	Without lighting	Location lighting	With pilot lighting and function lighting	Rocker colour	Switching steps	gold-plated connections
	✓	✓			✓		■	I-0	
	✓	✓				✓	■	I-0	
	✓	✓				✓		I-0	
	✓	✓				✓		I-0	

ACCESSORIES

	3100-		4100-		4570- / 7832-	
	Part No.	VPE	Part No.	VPE	Part No.	VPE
MOUNTING STRIP						
For 6 switches					8HG 713 626-001	12
For 3 switches					8HG 714 504-001	24
INSTALLATION FRAME INSERTION SYSTEM						
Single frame			9AR 168 396-002 9AR 168 396-007	10 200		
End piece					8HG 716 734-001 8HG 716 734-007	10 200
End piece, left	9AR 169 209-102 9AR 169 209-107	10 100	9AR 169 209-002 9AR 169 209-007	10 100		
Intermediate piece	9AR 169 208-102 9AR 169 208-107	10 200	9AR 169 208-002 9AR 169 208-007	10 200		
End piece, right	9AR 169 209-102 9AR 169 209-107	10 100	9AR 169 210-002 9AR 169 210-007	10 200		
DUMMY COVER						
	9HB 172 229-101 9HB 172 229-107	1 10	9HB 172 229-002 9HB 172 229-007	10 52	9HB 713 629-001	10
FEMALE CONNECTOR HOUSING						
8-pole					8JA 713 631-001 8JA 713 631-007	10 1000
2-pole					8JA 715 600-001	10
10-pin			8JD 010 076-002 8JD 010 076-007	10 440		
10-pin, type 1	8JD 010 076-102 8JD 010 076-107	10 50				
10-pin, type 2	8JD 010 076-112 8JD 010 076-117	10 50				
10-pin, type 3	8JD 010 076-122 8JD 010 076-127	10 50				
FLAT RECEPTACLE CUSN/SN / JUNIOR POWER TIMER						
For cable cross-section 0.5 mm ² – 1.0 mm ²	8KW 744 882-003	100	8KW 863 934-003	50		
For cable cross-section 1.0 – 2.5 mm ²	8KW 744 825-003	100	8KW 863 934-023 8KW 863 934-003	50 1000		
DISASSEMBLY						
	8PE 197 631-001	1				

	3100-		4100-		4570- / 7832-	
	Part No.	VPE	Part No.	VPE	Part No.	VPE
WARNING LIGHT						
For switch series 007 832						
with 12 V bulb	Freely configurable		Freely configurable		2AA 713 628-021	10
with 24 V bulb	Freely configurable		Freely configurable		2AA 713 628-031	10
with 12 V and 24 V LEDs	Freely configurable		Freely configurable		2AA 713 628-041	10
For switch series 004 570						
with 12 V bulb	Freely configurable		Freely configurable		2AA 713 628-001	10
with 24 V bulb	Freely configurable		Freely configurable		2AA 713 628-011	10
with 12 V and 24 V LEDs	Freely configurable		Freely configurable		2AA 713 628-051	10
Spare parts						
W5/1.2 bulb, 12 V 1.2 W					8GP 002 095-121	10
W5/1.2 bulb, 24 V 1.2 W					8GP 002 095-241	10
BULB HOLDER						
For warning lights						
with 12 V bulb					9FF 713 627-001	10
with 24 V bulb					9FF 713 627-011	10
with LED ø 5 mm, 12 V and 24 V					9FF 713 627-031	10

ICON OVERVIEW

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0001										✓	
0002										✓	
0003										✓	
0004										✓	
0005										✓	
0006										✓	
0007										✓	
0009										✓	
0010										✓	
0011										✓	
0012										✓	
0014										✓	
0015									✓	✓	
0016									✓	✓	
0017									✓	✓	
0018										✓	
0019										✓	
0020										✓	
0021										✓	
0022										✓	
0023										✓	
0024										✓	
0025										✓	
0026										✓	

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0027											✓
0028											✓
0029											✓
0030											✓
0031											✓
0032											✓
0033											✓
0034											✓
0035											✓
0036											✓
0037									✓	✓	
0038									✓	✓	
0039											✓
0040											✓
0041										✓	
0042										✓	
0043										✓	
0044										✓	
0045										✓	
0046										✓	
0047	S/L										✓
0048	km/h			✓							✓
0049	km			✓							✓
0050	WC					✓					

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0051						✓					
0052						✓					✓
0053						✓					
0054						✓					
0055						✓					
0056						✓			✓		
0057								✓			
0058								✓			
0059								✓			
0060								✓			
0061											✓
0062											✓
0063											✓
0064								✓			✓
0065											✓
0066											✓
0067						✓					
0068						✓					
0069											✓
0070											✓
0071											✓
0072											✓
0073											✓
0074											✓

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0075											✓
0076											✓
0077											✓
0078											✓
0079									✓		
0080											✓
0081											✓
0082											✓
0083											✓
0084											✓
0085										✓	
0086			✓								
0087			✓								
0088			✓								
0089											✓
0090			✓								
0091		✓									
0092		✓		✓							
0093				✓							
0094				✓							
0095				✓							
0096				✓							
0097				✓							
0098				✓							

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0147											✓
0148											✓
0149						✓			✓		
0150						✓	✓				
0151						✓	✓				
0152						✓	✓				
0153							✓	✓			
0154					✓						
0155					✓						
0156					✓						
0157					✓						
0158					✓						
0159					✓						
0160					✓						
0161					✓						
0162					✓						
0163						✓	✓				
0164					✓						
0165					✓						
0166					✓						
0167					✓						
0168					✓	✓					
0169					✓	✓					
0170					✓	✓					

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0194	NEXT STOP										✓
0195											✓
0205									✓	✓	
0206				✓							
0207											✓
0208										✓	✓
0209										✓	✓
0210									✓	✓	
0211											✓
0212	RKL Fahr-erhaus								✓	✓	
0213									✓	✓	
0214	Signal								✓	✓	
0215	Front-blitz								✓	✓	
0216									✓	✓	
0217	Heck-blitz								✓	✓	
0218									✓	✓	
0219	VWA								✓	✓	
0220	RFS								✓	✓	
0221	UFB								✓	✓	
0222											✓
0223										✓	✓
0224				✓							
0225								✓			
0226	TEST			✓						✓	

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0377											✓
0378											✓
0379					✓						
0380						✓			✓		
0381	A					✓			✓		
0382											✓
0383											✓
0384		✓									✓
0385		✓									✓
0386		✓									
0387											✓
0388											✓
0389		✓									✓
0390		✓									✓
0391						✓					✓
0392	M1 DECUPLAT										✓
0393	N2 DECUPLAT										✓
0394								✓			
0395								✓			
0396								✓			
0397				✓							✓
0398								✓	✓		✓
0399			✓								✓
0400				✓							
0401											✓
0402											✓
0403											✓
0404								✓			
0405									✓	✓	
0406											✓
0407											✓
0408											✓
0409									✓		✓
0410	T2								✓		✓
0411								✓			✓
0412	OFF								✓		✓
0413									✓		
0414											✓
0415											✓
0416											✓
0417											✓
0418		✓		✓							
0419								✓			✓
0420								✓			
0421									✓		
0422	SAVE										✓
0423	RESET										✓
0424				✓							

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0477											✓
0478											✓
0479				✓							
0480											✓
0481											✓
0482											✓
0483								✓			
0484											✓
0485											✓
0486											✓
0487			✓								✓
0488											✓
0489									✓		✓
0490											✓
0491		✓									
0492		✓									
0493											✓
0494					✓	✓					
0495				✓							
0496				✓							
0497				✓							✓
0498				✓							✓
0499											✓
0500											✓

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0501		✓									
0502		✓									
0503		✓									
0504		✓									
0505				✓							✓
0506										✓	✓
0507										✓	
0508										✓	
0509					✓						
0510					✓						
0511				✓							✓
0512					✓						
0513					✓						
0514					✓		✓				
0515					✓		✓				
0516					✓		✓				
0517					✓		✓				
0518								✓			✓
0519								✓			✓
0520								✓			
0521								✓			
0522								✓			
0523								✓			
0524				✓							✓

ICON OVERVIEW

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0525						✓					✓
0526						✓					✓
0527						✓		✓			✓
0528			✓								
0529											✓
0530											✓
0531											✓
0532											✓
0533											✓
0534							✓				
0535											✓
0536											✓
0537							✓				
0538						✓		✓			
0539				✓							✓
0540				✓							
0541	Prop										✓
0542				✓							✓
0543		✓									
0544											✓
0545	R			✓							✓
0546	DIA										✓
0547					✓						
0548				✓							

No.	Symbol	Axle Drive, Wheels, Steering & Suspension	Brake System & Compressed-Air System	Engine, Transmission & Clutch	Heating, Ventilation & Air-Conditioning System	Comfort Features & Interior Equipment	Glazing, Mirror & Windshield Cleaning Agent	Body & Locking System	Security Systems	Interior & Exterior Lighting	Special Applications
0549				✓							
0550											✓
0551						✓					
0552									✓		✓
0553								✓			
0554								✓			
0555								✓			
0556											✓
0557											✓
0558											✓
0559				✓							
0560											✓
0561		✓		✓							
0562		✓									
0563		✓									
0564		✓									
0565		✓									
0566				✓							
0567				✓							
0568										✓	
0569											✓
0570											✓
0571										✓	
0572									✓		✓

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