Introduction

Overview

3SB2

3SB30, 3SB32

3SB31, 3SB33

3SB35, 3SB36

Pushbutton units and indicator lights				
Designs				
Nominal diameter	16 mm	22 mm	22 mm	22 mm
Version	Plastic, round	Plastic, round	Plastic, square	Metal, round
Actuators				
Pushbuttons and switches	✔	✔	✔	✔
Illuminated pushbuttons and switches	✔	✔	✔	✔
Mushroom pushbuttons	--	✔	--	✔
Push-pull buttons	--	✔	--	✔
EMERGENCY-STOP mushroom pushbuttons	✔	✔	✔	✔
Selector switches	✔	✔	✔	✔
Locks	✔	✔	✔	✔
Special actuators				
Joystick switches	--	✔	--	--
Twin pushbuttons	--	✔	--	--
Potentiometer operating mechanisms	--	✔	--	--
Indicators				
Indicator lights	✔	✔	✔	✔
Acoustic signaling devices	--	✔	--	--
Contact blocks				
Single-pole	✔	✔	✔	✔
Two-pole	✔	✔	✔	✔
Lampholders				
Wedge bases	✔	✔ (with solder pins)	✔ (with solder pins)	✔ (with solder pins)
BA 9s base	--	✔	✔	✔
With integrated LEDs	--	✔	✔	✔
Connections				
Plug-in connections	✔	--	--	--
Screw connections	--	✔	✔	✔
Spring-loaded terminals	--	✔	✔	✔
Solder pins	✔	✔	✔	✔
AS-Interface	--	✔	✔	✔

AS-Interface solutions

Commanding and signaling devices of the SIRIUS 3SB3 series can be connected to the AS-Interface communication system quickly and easily with the help of various solutions.

For AS-Interface solutions, see catalog IK PI "Industrial Communication for Automation & Drives".

AS-Interface EMERGENCY STOP according to EN 418 (ISO 13850)

Using a special F adapter, EMERGENCY-STOP devices according to EN 418 (ISO 13850) can be directly connected through the standard AS-Interface with safety-oriented communication.

AS-Interface enclosures

For enclosures with connection to AS-Interface, see catalog IK PI.

AS-Interface front panel modules

For front panel modules with one 4I/4O slave for connection of four 3SB3 control devices, see catalog IK PI.

✔ standard
-- not available
❑ optional

3SB38

3SB38 6

3SE7, 3SF2

3SE29

	Enclosures	Two-hand operation consoles	Cable-operated switches	Foot switches
Enclosures				
Molded plastic	✔	✔	--	✔
Metal	✔	✔	✔	✔
Actuators				
Pushbuttons and switches	✔	✔	--	✔
Illuminated pushbuttons and switches	✔	✔	--	--
Mushroom pushbuttons	✔	✔	--	--
Push-pull buttons	✔	--	--	--
EMERGENCY-STOP mushroom pushbuttons	✔	✔	✔	--
Selector switches	✔	--	--	--
Locks	✔	--	--	--
Bowden wires	--	--	✔	--
Indicators				
Indicator lights	✔	--	✔	--
Acoustic signaling devices	✔	--	--	--
Contact blocks				
Single-pole	✔	✔	--	--
Two-pole	--	✔	✔	✔
Three-pole	--	--	--	✔
Four-pole	--	--	✔	✔
Connections				
Screw connections	✔	✔	✔	✔
Spring-loaded terminals	✔	❑	--	--
Molded cables	--	--	--	✔
Plug-in connections	--	❑	❑	❑
AS-Interface	✔	❑	--	--

8WD42, 8WD44

8WD53

	Signaling columns	Integrated signal lamps
Enclosures		
Molded plastic	✔	✔
Metal	--	--
Lightings		
Filament lamps	✔	✔
LEDs	✔	✔
Flashlights	✔	✔
Connections		
Screw connections	✔	✔
Spring-loaded terminals	✔	--
AS-Interface	✔	--

General data

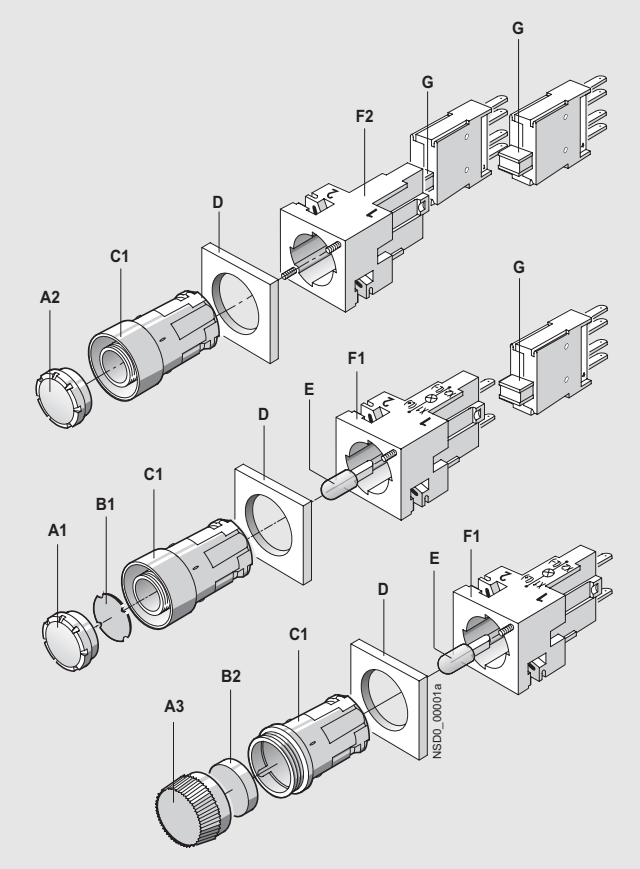
Overview

The 3SB2 pushbutton units and indicator lights are provided for front plate mounting and rear connection with flat connectors. For use on printed-circuit boards, contact blocks and lampholders with solder pins are also available.

Standards

- IEC 60947-5-1, EN 60947-5-5 (VDE 0660 Part 200)
- IEC 60947-5-5, EN 60947-5-5 (VDE 0660 Part 210) for EMERGENCY-STOP mushroom pushbuttons.

Versions



A1 Illuminated pushbutton, flat
A2 Pushbutton, flat
A3 Screw lens for indicator light
B1 Insert label for inscription
B2 Insert cap for inscription
C1 Collar with extruded front ring
C2 Collar for indicator light
D Frame for rectangular design
E Wedge base lamp W2 × 4.6 d
F1 Lampholder with holder
F2 Holder
G Contact blocks (1 NO or 1 NC) for snapping onto holder or lampholder

Application

The devices are climate-proof and suitable for marine applications.

Safety EMERGENCY-STOP pushbuttons according to ISO 13850/EN 418

For controls that comply with IEC 60204-1 or EN 60204-1 (VDE 0113 Part 1), the mushroom-head pushbuttons of the 3SB2 series are suitable for use as safety EMERGENCY-STOP pushbuttons.

Safety circuits

The standards IEC 60947-5-1 and EN 60947-5-1 require positive opening. Hence for the purposes of personal safety, the assured opening of NC contacts is expressly stipulated for the electrical equipment of machines in all safety circuits and marked according to IEC 60947-5-1 with the symbol ➔.

Category 4 according to EN 954-1 can be attained with the EMERGENCY-STOP mushroom pushbuttons if the corresponding failsafe evaluation units are selected and correctly installed, e.g. the 3TK28 safety relays or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

Selection and ordering data

Pushbutton and illuminated pushbutton with flat button

Pushbutton and illuminated pushbutton with raised button

EMERGENCY-STOP mushroom pushbutton

Version	Color of actuator	Switch blocks	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Pushbuttons with flat button	Black	1 NO	▶	**3SB22 02-0AB01**		1	1 unit	102	0.023
	Black	1 NC	B	**3SB22 03-0AB01**		1	1 unit	102	0.023
	Red	1 NC	▶	**3SB22 03-0AC01**		1	1 unit	102	0.023
	Yellow	1 NO	B	**3SB22 02-0AD01**		1	1 unit	102	0.023
	Green	1 NO	▶	**3SB22 02-0AE01**		1	1 unit	102	0.023
	Blue	1 NO	B	**3SB22 02-0AF01**		1	1 unit	102	0.023
	White	1 NO	▶	**3SB22 02-0AG01**		1	1 unit	102	0.024
	Clear[1]	1 NO	B	**3SB22 02-0AH01**		1	1 unit	102	0.023
Illuminated pushbuttons with flat button Lampholder W2 x 4.6 d[2]	Red	1 NC	▶	**3SB22 07-0AC01**		1	1 unit	102	0.025
	Yellow[1]	1 NO	B	**3SB22 06-0AD01**		1	1 unit	102	0.025
	Green	1 NO	▶	**3SB22 06-0AE01**		1	1 unit	102	0.025
	Blue	1 NO	B	**3SB22 06-0AF01**		1	1 unit	102	0.025
	Clear[1]	1 NO	▶	**3SB22 06-0AH01**		1	1 unit	102	0.024
Illuminated pushbuttons with flat button Lampholder W2 x 4.6 d with incandescent lamp 24 V	Red	1 NC	▶	**3SB22 27-0AC01**		1	1 unit	102	0.025
	Yellow[1]	1 NO	B	**3SB22 26-0AD01**		1	1 unit	102	0.025
	Green	1 NO	▶	**3SB22 26-0AE01**		1	1 unit	102	0.025
	Blue	1 NO	B	**3SB22 26-0AF01**		1	1 unit	102	0.025
	Clear[1]	1 NO	▶	**3SB22 26-0AH01**		1	1 unit	102	0.025
Pushbuttons with raised button	Black	1 NO	B	**3SB22 02-0LB01**		1	1 unit	102	0.024
	Red	1 NC	B	**3SB22 03-0LC01**		1	1 unit	102	0.024
	Yellow	1 NO	B	**3SB22 02-0LD01**		1	1 unit	102	0.023
	Blue	1 NO	B	**3SB22 02-0LF01**		1	1 unit	102	0.024
	Clear[1]	1 NO	B	**3SB22 02-0LH01**		1	1 unit	102	0.024
Illuminated pushbuttons with raised button Lampholder W2 x 4.6 d[2]	Red	1 NC	B	**3SB22 07-0LC01**		1	1 unit	102	0.025
	Yellow[1]	1 NO	B	**3SB22 06-0LD01**		1	1 unit	102	0.025
	Green	1 NO	B	**3SB22 06-0LE01**		1	1 unit	102	0.025
	Blue	1 NO	B	**3SB22 06-0LF01**		1	1 unit	102	0.022
	Clear[1]	1 NO	B	**3SB22 06-0LH01**		1	1 unit	102	0.025
Illuminated pushbuttons with raised button Lampholder W2 x 4.6 d with incandescent lamp 24 V	Red	1 NC	B	**3SB22 27-0LC01**		1	1 unit	102	0.025
	Yellow[1]	1 NO	B	**3SB22 26-0LD01**		1	1 unit	102	0.026
	Green	1 NO	B	**3SB22 26-0LE01**		1	1 unit	102	0.026
	Blue	1 NO	B	**3SB22 26-0LF01**		1	1 unit	102	0.025
	Clear[1]	1 NO	B	**3SB22 26-0LH01**		1	1 unit	102	0.024
EMERGENCY-STOP mushroom pushbuttons acc. to ISO 13850 or EN 418, latching Latches automatically when pressed; unlatches by turning the mushroom head anticlockwise, with yellow name plate, with inscription "EMEGENCY STOP"	Red	1 NC ➔[3]	▶	**3SB22 03-1AC01**		1	1 unit	102	0.032

1) Inscription is possible by inserting a label.

2) For wedge base lamps, see Accessories.

3) Positive opening according to IEC 60947-5-1, Appendix K.

*** You can order this quantity or a multiple thereof.**

Complete units

Version	Color of actuator	Switch blocks	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Selector switch									
Selector switches, 2 switch positions Switching sequence O-I, 62° operating angle, latching	Black	1 NO	▶	**3SB22 02-2AB01**		1	1 unit	102	0.026
	Red	1 NO	B	**3SB22 02-2AC01**		1	1 unit	102	0.025
	Green	1 NO	B	**3SB22 02-2AE01**		1	1 unit	102	0.025
	White	1 NO	B	**3SB22 02-2AG01**		1	1 unit	102	0.026
Selector switches, 3 switch positions Switching sequence I-O-II, 2 × 62° operating angle, latching	Black	1 NO, 1 NO	▶	**3SB22 10-2DB01**		1	1 unit	102	0.030
	Red	1 NO, 1 NO	B	**3SB22 10-2DC01**		1	1 unit	102	0.028
	Green	1 NO, 1 NO	B	**3SB22 10-2DE01**		1	1 unit	102	0.030
	White	1 NO, 1 NO	B	**3SB22 10-2DG01**		1	1 unit	102	0.029
Selector switches, 3 switch positions Switching sequence I-O-II, 2 × 50° operating angle, momentary contact type	Black	1 NO, 1 NO	▶	**3SB22 10-2EB01**		1	1 unit	102	0.030
	Red	1 NO, 1 NO	B	**3SB22 10-2EC01**		1	1 unit	102	0.029
	Green	1 NO, 1 NO	B	**3SB22 10-2EE01**		1	1 unit	102	0.029
	White	1 NO, 1 NO	B	**3SB22 10-2EG01**		1	1 unit	102	0.029

Version	Lock No.	Switch blocks	Key removal position	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
CES key-operated switch										
CES key-operated switches, 2 switch positions Switching sequence O-I, 62° operating angle, latching	SB2	1 NO 1 NO	O O + I	▶ B	**3SB22 02-4LA01** **3SB22 02-4LB01**		1 1	1 unit 1 unit	102 102	0.053 0.053
CES key-operated switches, 3 switch positions Switching sequence I-O-II, 2 × 62° operating angle, latching	SB2	1 NO, 1 NO 1 NO, 1 NO	O I + O + II	B B	**3SB22 10-4PA01** **3SB22 10-4PB01**		1 1	1 unit 1 unit	102 102	0.056 0.056
CES key-operated switches, 3 switch positions Switching sequence I-O-II, 2 × 50° operating angle, momentary contact type	SB2	1 NO, 1 NO	O	B	**3SB22 10-4QA01**		1	1 unit	102	0.057

Version	Color of screw lens	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Indicator light								
Indicator lights Lampholder W2 x 4.6 d without lamp[1)]	Red	▶	**3SB22 04-6BC06**		1	1 unit	102	0.020
	Yellow	B	**3SB22 04-6BD06**		1	1 unit	102	0.020
	Green	▶	**3SB22 04-6BE06**		1	1 unit	102	0.020
	White	▶	**3SB22 04-6BG06**		1	1 unit	102	0.020
	Clear	B	**3SB22 04-6BH06**		1	1 unit	102	0.020
Indicator lights Lampholder W2 x 4.6 d with incandescent lamp 24 V	Red	▶	**3SB22 24-6BC06**		1	1 unit	102	0.021
	Yellow	B	**3SB22 24-6BD06**		1	1 unit	102	0.021
	Green	▶	**3SB22 24-6BE06**		1	1 unit	102	0.021
	White	▶	**3SB22 24-6BG06**		1	1 unit	102	0.022
	Clear	B	**3SB22 24-6BH06**		1	1 unit	102	0.021

1) For wedge base lamps, see Accessories.

* You can order this quantity or a multiple thereof.

Selection and ordering data

	Version	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Pushbutton and illuminated pushbutton with flat button	**Pushbuttons with flat button**	Black	►	**3SB20 00-0AB01**		1	1 unit	102	0.005
		Red	►	**3SB20 00-0AC01**		1	1 unit	102	0.005
		Yellow	B	**3SB20 00-0AD01**		1	1 unit	102	0.005
		Green	►	**3SB20 00-0AE01**		1	1 unit	102	0.005
		Blue	B	**3SB20 00-0AF01**		1	1 unit	102	0.005
		White	►	**3SB20 00-0AG01**		1	1 unit	102	0.005
		Clear[1]	B	**3SB20 00-0AH01**		1	1 unit	102	0.005
	Illuminated pushbuttons with flat button	Red	►	**3SB20 01-0AC01**		1	1 unit	102	0.005
		Yellow[1]	B	**3SB20 01-0AD01**		1	1 unit	102	0.006
		Green	►	**3SB20 01-0AE01**		1	1 unit	102	0.005
		Blue	B	**3SB20 01-0AF01**		1	1 unit	102	0.005
		White	►	**3SB20 00-0AG01**		1	1 unit	102	0.005
		Clear[1]	B	**3SB20 00-0AH01**		1	1 unit	102	0.005
Pushbutton and illuminated pushbutton with raised button	**Pushbuttons with raised button**	Black	B	**3SB20 00-0LB01**		1	1 unit	102	0.005
		Red	B	**3SB20 00-0LC01**		1	1 unit	102	0.005
		Yellow	B	**3SB20 00-0LD01**		1	1 unit	102	0.006
		Blue	B	**3SB20 00-0LF01**		1	1 unit	102	0.006
		White	B	**3SB20 00-0LG01**		1	1 unit	102	0.006
		Clear[1]	B	**3SB20 00-0LH01**		1	1 unit	102	0.006
	Illuminated pushbuttons with raised button	Red	B	**3SB20 01-0LC01**		1	1 unit	102	0.005
		Yellow[1]	B	**3SB20 01-0LD01**		1	1 unit	102	0.005
		Green	B	**3SB20 01-0LE01**		1	1 unit	102	0.005
		Blue	B	**3SB20 01-0LF01**		1	1 unit	102	0.006
		Clear[1]	B	**3SB20 00-0LH01**		1	1 unit	102	0.006
EMERGENCY-STOP mushroom pushbutton	**EMERGENCY-STOP mushroom pushbuttons acc. to ISO 13850 or EN 418, latching**[2] Latches automatically when pressed; unlatches by turning the mushroom head anticlockwise	Red	►	**3SB20 00-1AC01**		1	1 unit	102	0.015

1) Inscription is possible by inserting a label.

2) The mushroom pushbutton cannot be combined with 3SB29 00-0... name plate or 3SB29 02-0AA single frame.

		Version	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Selector switch		**Selector switches with 2 switch positions** Switching sequence O-I, 62° operating angle, latching	Black	►	**3SB20 00-2AB01**		1	1 unit	102	0.008
			Red	B	**3SB20 00-2AC01**		1	1 unit	102	0.008
			Green	B	**3SB20 00-2AE01**		1	1 unit	102	0.007
			White	B	**3SB20 00-2AG01**		1	1 unit	102	0.008
		Selector switches with 2 switch positions Switching sequence O-I, 50° operating angle, momentary contact type (reset from the right)	Black	B	**3SB20 00-2BB01**		1	1 unit	102	0.008
			Red	B	**3SB20 00-2BC01**		1	1 unit	102	0.008
			Green	B	**3SB20 00-2BE01**		1	1 unit	102	0.008
		Selector switches with 2 switch positions Switching sequence O-I, 90° operating angle, latching	Black	B	**3SB20 00-2HB01**		1	1 unit	102	0.009
			Red	B	**3SB20 00-2HC01**		1	1 unit	102	0.008
			Green	C	**3SB20 00-2HE01**		1	1 unit	102	0.007
			White	B	**3SB20 00-2HG01**		1	1 unit	102	0.008
		Selector switches with 3 switch positions Switching sequence I-O-II, 2 x 62° operating angle, latching	Black	►	**3SB20 00-2DB01**		1	1 unit	102	0.008
			Red	C	**3SB20 00-2DC01**		1	1 unit	102	0.007
			Green	B	**3SB20 00-2DE01**		1	1 unit	102	0.007
			White	B	**3SB20 00-2DG01**		1	1 unit	102	0.007
		Selector switches with 3 switch positions Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type	Black	►	**3SB20 00-2EB01**		1	1 unit	102	0.008
			Red	B	**3SB20 00-2EC01**		1	1 unit	102	0.007
			Green	B	**3SB20 00-2EE01**		1	1 unit	102	0.008
			White	B	**3SB20 00-2EG01**		1	1 unit	102	0.007
		Selector switches with 3 switch positions Switching sequence I-O-II, 2 x 90° operating angle, latching	Black	B	**3SB20 00-2JB01**		1	1 unit	102	0.008

* You can order this quantity or a multiple thereof.

Actuators and indicators

CES key-operated switch

	Version	Lock No.	Key removal position	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	CES key-operated switches with 2 keys, 2 switch positions Switching sequence O-I, 62° operating angle, latching	SB2	O+I	B	**3SB20 00-4LB01**		1	1 unit	102	0.035
			O	▶	**3SB20 00-4LA01**		1	1 unit	102	0.036
	CES key-operated switches with 2 keys, 2 switch positions Switching sequence O-I, 50° operating angle, momentary contact type (reset from the right)	SB2	O	▶	**3SB20 00-4MA01**		1	1 unit	102	0.035
	CES key-operated switches with 2 keys, 3 switch positions Switching sequence I-O-II, 2 x 62° operating angle, latching	SB2	I+O+II	B	**3SB20 00-4PB01**		1	1 unit	102	0.035
			O	B	**3SB20 00-4PA01**		1	1 unit	102	0.035
	CES key-operated switches with 2 keys, 3 switch positions Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type	SB2	O	B	**3SB20 00-4QA01**		1	1 unit	102	0.034

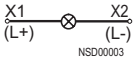
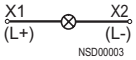
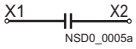
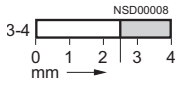
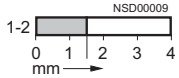
Indicator light

Version	Color of screw lens	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Indicator lights with concentric rings (inscription by inserting a cap is not possible)	Red	▶	**3SB20 01-6BC06**		1	1 unit	102	0.004
	Yellow	B	**3SB20 01-6BD06**		1	1 unit	102	0.004
	Green	▶	**3SB20 01-6BE06**		1	1 unit	102	0.004
	Blue	B	**3SB20 01-6BF06**		1	1 unit	102	0.004
	White	▶	**3SB20 01-6BG06**		1	1 unit	102	0.004
	Clear	B	**3SB20 01-6BH06**		1	1 unit	102	0.004
Indicator lights, smooth For inscription by inserting a cap[1)]	Red	B	**3SB20 01-6CC06**		1	1 unit	102	0.004
	Yellow	B	**3SB20 01-6CD06**		1	1 unit	102	0.004
	Green	B	**3SB20 01-6CE06**		1	1 unit	102	0.004
	Blue	B	**3SB20 01-6CF06**		1	1 unit	102	0.004
	Clear	B	**3SB20 01-6CH06**		1	1 unit	102	0.004

1) For insert caps, see Accessories.

*** You can order this quantity or a multiple thereof.**

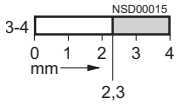
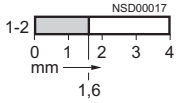
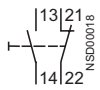
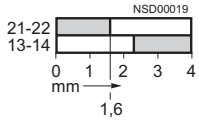
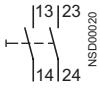
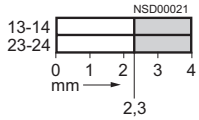
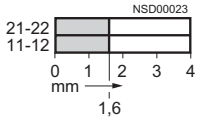
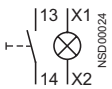
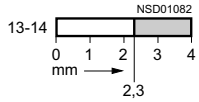
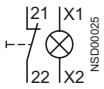
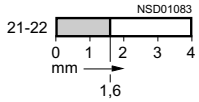
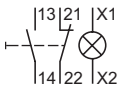
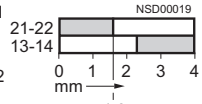
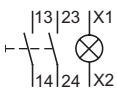
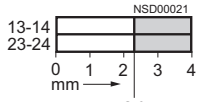
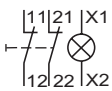
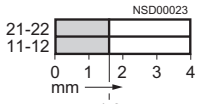
Selection and ordering data

Version	Symbols	Operating travel Contact closed Contact open	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Contact blocks and lampholders with flat connectors 2 × 2.8 – 0.8 mm acc. to IEC 60760									
Holders for fixing the actuators and the contact blocks									
Holder Holders for 2 contact blocks Inscription with sequence digit 1-2				► **3SB29 08-0AA**		1	5 units	102	0.008
Lampholders with holder for fixing the actuators and the contact blocks									
Lampholder **Lampholders** W2 x 4.6 d without lamp				► **3SB23 04-2A**		1	1 unit	102	0.009
Lampholders W2 x 4.6 d									
• With 6 V incandescent lamp			B	**3SB23 04-2F**		1	1 unit	102	0.010
• With 24 V incandescent lamp			B	**3SB23 04-2H**		1	1 unit	102	0.010
Series element **Series elements**[1] For connecting the 3SB29 08-1AE lamp (48 V) to 230 V AC			B	**3SB24 04-3D**		1	1 unit	102	0.009
Contact blocks for fixing in the holders or lampholders									
Contact block **Contact blocks with one contact**[2]									
1 NO				► **3SB24 04-0B**		1	1 unit	102	0.004
1 NC → [3]				► **3SB24 04-0C**		1	1 unit	102	0.004

1) Use support point terminal according to IEC 60439-1.
2) For plug-in and insulating sleeves, see Accessories.
3) Positive opening according to IEC 60947-5-1, Appendix K.

* You can order this quantity or a multiple thereof.

Contact blocks and lampholders

Version	Symbols	Operating travel Contact closed Contact open	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Contact blocks and lampholders with solder pins									
Holder **Holders for contact blocks with solder pins** For fixing the actuating elements in the front panel			B	**3SB29 08-0AB**		1	5 units	102	0.006
Lampholders Wedge base W2 x 4.6 d			B	**3SB24 55-2A**		1	1 unit	102	0.008
Contact blocks									
Contact block with solder pins 1 NO			B	**3SB24 55-0B**		1	1 unit	102	0.008
1 NC → 1)			B	**3SB24 55-0C**		1	1 unit	102	0.008
1 NO + 1 NC → 1)			B	**3SB24 55-0J**		1	1 unit	102	0.010
1 NO +1 NO			B	**3SB24 55-0E**		1	1 unit	102	0.009
1 NC +1 NC → 1)			B	**3SB24 55-0F**		1	1 unit	102	0.009
Contact blocks and lampholders, wedge base W2 x 4.6 d									
1 NO			B	**3SB24 55-1B**		1	1 unit	102	0.009
1 NC → 1)			B	**3SB24 55-1C**		1	1 unit	102	0.009
1 NO + 1 NC → 1)			B	**3SB24 55-1J**		1	1 unit	102	0.010
1 NO + 1 NO			B	**3SB24 55-1E**		1	1 unit	102	0.010
1 NC + 1 NC → 1)			C	**3SB24 55-1F**		1	1 unit	102	0.010

1) Positive opening according to IEC 60947-5-1, Appendix K.

* You can order this quantity or a multiple thereof.

Overview

Clear pushbuttons, illuminated pushbutton units and indicator lights can be fitted with insert labels and caps for identification purposes.

The inscription labels and insert caps are made of a milky-transparent plastic with black lettering; they can be fitted in any 90° angle.

Inscriptions

The inscriptions have upper case initial letters. The symbols, including those not listed in the catalog, are in accordance with DIN Report 4.

For customized inscriptions, see Options.

Selection and ordering data

	Inscriptions		Symbols with number acc. to DIN Report 4	DT	**Insert labels** for pushbuttons and illuminated pushbuttons, flat		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
					Order No.	Price per PU				kg
For self-inscriptions										
	Without inscription		-	B	**3SB29 01-4AA**		100	10 units	102	0.100
With inscriptions										
	Ein		-	B	**3SB29 01-4AB**		100	10 units	102	0.100
	Aus		-	B	**3SB29 01-4AC**		100	10 units	102	0.100
	Auf		-	B	**3SB29 01-4AD**		100	10 units	102	0.100
	Ab		-	B	**3SB29 01-4AE**		100	10 units	102	0.100
	Vor		-	B	**3SB29 01-4AF**		100	10 units	102	0.100
	Zurück		-	B	**3SB29 01-4AG**		100	10 units	102	0.100
	Rechts		-	B	**3SB29 01-4AH**		100	10 units	102	0.100
	Links		-	B	**3SB29 01-4AJ**		100	10 units	102	0.100
	Halt		-	C	**3SB29 01-4AK**		100	10 units	102	0.100
	Zu		-	B	**3SB29 01-4AL**		100	10 units	102	0.100
	Langsam		-	C	**3SB29 01-4AN**		100	10 units	102	0.100
	Störung		-	B	**3SB29 01-4AQ**		100	10 units	102	0.100
	On		-	C	**3SB29 01-4EB**		100	10 units	102	0.100
	Start		-	B	**3SB29 01-4EK**		100	10 units	102	0.100
	Stop		-	B	**3SB29 01-4EL**		100	10 units	102	0.100
	Reset		-	B	**3SB29 01-4EM**		100	10 units	102	0.100
	Test		-	B	**3SB29 01-4EN**		100	10 units	102	0.100
	0		-	B	**3SB29 01-4RA**		100	10 units	102	0.100
	1		-	B	**3SB29 01-4RB**		100	10 units	102	0.100
	2		-	B	**3SB29 01-4RC**		100	10 units	102	0.100
	3		-	B	**3SB29 01-4RD**		100	10 units	102	0.100
	4		-	B	**3SB29 01-4RE**		100	10 units	102	0.100
	5		-	C	**3SB29 01-4RF**		100	10 units	102	0.100
	6		-	C	**3SB29 01-4RG**		100	10 units	102	0.100
	7		-	C	**3SB29 01-4RH**		100	10 units	102	0.100
	8		-	C	**3SB29 01-4RJ**		100	10 units	102	0.100
	9		-	C	**3SB29 01-4RK**		100	10 units	102	0.100
Symbols for ON/OFF										
	O (Off)		No. 15	B	**3SB29 01-4MB**		100	10 units	102	0.100
	I (On)		No. 16	B	**3SB29 01-4MC**		100	10 units	102	0.100
	II (On)		–	C	**3SB29 01-4MD**		100	10 units	102	0.100

* You can order this quantity or a multiple thereof.

Accessories and Spare Parts

Insert labels and insert caps

	Inscriptions		Symbols with number acc. to DIN Report 4	DT	**Insert labels** for pushbuttons and illuminated pushbuttons, flat Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Equipment symbols										
	Electric motor		No. 42	B	**3SB29 01-4PA**		100	10 units	102	0.100
	Horn		No. 155	B	**3SB29 01-4PB**		100	10 units	102	0.100
	Pump		No. 695	C	**3SB29 01-4PD**		100	10 units	102	0.100
	Coolant pump		No. 713	B	**3SB29 01-4PE**		100	10 units	102	0.100
Motion symbols										
	Motion in direction of arrow		No. 28	B	**3SB29 01-4NA**		100	10 units	102	0.100
	Motion in direction of arrow		No. 28 b	B	**3SB29 01-4NB**		100	10 units	102	0.100
	Clockwise rotation		No. 100	B	**3SB29 01-4NC**		100	10 units	102	0.100
	Anticlockwise rotation		No. 114	B	**3SB29 01-4ND**		100	10 units	102	0.100
	Fast motion		No. 1919	C	**3SB29 01-4NE**		100	10 units	102	0.100
	Increase (plus)		No. 40	B	**3SB29 01-4NG**		100	10 units	102	0.100
	Decrease (minus)		No. 41	B	**3SB29 01-4MC**		100	10 units	102	0.100
Control symbols										
	Clamp		No. 259	B	**3SB29 01-4QB**		100	10 units	102	0.400
	Release		No. 169	B	**3SB29 01-4QC**		100	10 units	102	0.100
	Brake off		No. 266	C	**3SB29 01-4QE**		100	10 units	102	0.100
	Lock		No. 46	C	**3SB29 01-4QF**		100	10 units	102	0.100
	Unlock		No. 45	B	**3SB29 01-4QG**		100	10 units	102	0.100
	On/Off, momentary contact		No. 19	B	**3SB29 01-4QJ**		100	10 units	102	0.100
	Manual operation		No. 35	B	**3SB29 01-4QK**		100	10 units	102	0.100
	Automatic sequence		No. 267	B	**3SB29 01-4QL**		100	10 units	102	0.100
Customized inscriptions										
	Inscription of your choice 1 line of text with up to 6 characters of 3 mm in height. Please add the appropriate order code to the Order No. and specify the line of text required.			B	**3SB29 01-4AZ** **K0Y, K1Y, K2Y** or **K5Y**		1	1 unit	102	0.001
	Further symbols acc. to DIN Report 4 Please add the short code **"K3Y"** to the Order No. and also specify the serial number acc. to DIN Report 4.			B	**3SB29 01-4AZ** **K3Y**		1	1 unit	102	0.001
	Any inscription of symbol Please add the short code **"K9Y"** to the Order No. and specify the inscription or the symbol required.			B	**3SB29 01-4AZ** **K9Y**		1	1 unit	102	0.001

* You can order this quantity or a multiple thereof.

Insert labels and insert caps

Inscriptions	Symbols with number acc. to DIN Report 4	DT	**Insert caps** for pushbuttons and illuminated pushbuttons, raised Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
For self-inscriptions								
Blank	-	B	**3SB29 01-5AA**		100	10 units	102	0.100
With inscriptions								
Ein	-	B	**3SB29 01-5AB**		100	10 units	102	0.100
Aus	-	B	**3SB29 01-5AC**		100	10 units	102	0.100
Auf	-	B	**3SB29 01-5AD**		100	10 units	102	0.100
Vor	-	B	**3SB29 01-5AF**		100	10 units	102	0.100
Zurück	-	B	**3SB29 01-5AG**		100	10 units	102	0.100
Zu	-	B	**3SB29 01-5AL**		100	10 units	102	0.100
0	-	C	**3SB29 01-5RA**		100	10 units	102	0.100
1	-	B	**3SB29 01-5RB**		100	10 units	102	0.100
2	-	B	**3SB29 01-5RC**		100	10 units	102	0.100
3	-	B	**3SB29 01-5RD**		100	10 units	102	1.000
4	-	B	**3SB29 01-5RE**		100	10 units	102	0.100
5	-	B	**3SB29 01-5RF**		100	10 units	102	0.100
6	-	B	**3SB29 01-5RG**		100	10 units	102	0.100
7	-	B	**3SB29 01-5RH**		100	10 units	102	0.100
8	-	B	**3SB29 01-5RJ**		100	10 units	102	0.100
9	-	B	**3SB29 01-5RK**		100	10 units	102	0.100
Symbols for ON/OFF								
O (Off)	No. 15	C	**3SB29 01-5MB**		100	10 units	102	0.100
I (On)	No. 16	B	**3SB29 01-5MC**		100	10 units	102	0.100
Motion symbols								
Motion in direction of arrow	No. 28	B	**3SB29 01-5NA**		100	10 units	102	0.100
Motion in direction of arrow	No. 28 b	B	**3SB29 01-5NB**		100	10 units	102	0.100
Increase (plus)	No. 40	B	**3SB29 01-5NG**		100	10 units	102	0.100
Decrease (minus)	No. 41	B	**3SB29 01-5MC**		100	10 units	102	0.100
Control symbols								
Clamp	No. 259	B	**3SB29 01-5QB**		100	10 units	102	0.100
Release	No. 169	B	**3SB29 01-5QC**		100	10 units	102	0.100
Unlock	No. 45	C	**3SB29 01-5QG**		100	10 units	102	0.100
Automatic sequence	No. 267	B	**3SB29 01-5QL**		100	10 units	102	0.100
Customized inscriptions								
Inscription of your choice 1 line of text with up to 6 characters of 3 mm in height. Please add the appropriate order code to the Order No. and specify the line of text required.		B	**3SB29 01-5AZ** **K0Y, K1Y, K2Y** or **K5Y**		1	1 unit	102	0.001
Further symbols acc. to DIN Report 4 Please add the short code **"K3Y"** to the Order No. and also specify the serial number acc. to DIN Report 4.		B	**3SB29 01-5AZ** **K3Y**		1	1 unit	102	0.001
Any inscription of symbol Please add the short code **"K9Y"** to the Order No. and specify the inscription or the symbol required.		B	**3SB29 01-5AZ** **K9Y**		1	1 unit	102	0.001

* You can order this quantity or a multiple thereof.

Accessories and Spare Parts

Insert labels and insert caps

	Inscriptions		Symbols with number acc. to DIN Report 4	DT	Insert caps for indicator lights		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
					Order No.	Price per PU				kg
For self-inscriptions										
	Blank		-	B	**3SB29 01-7AA**		100	10 units	102	0.100
With inscriptions										
	Fault		-	B	**3SB29 01-7AQ**		100	10 units	102	0.100
Symbols										
	Pump		No. 695	B	**3SB29 01-7PD**		100	10 units	102	0.100
	Release		No. 169	B	**3SB29 01-7QC**		100	10 units	102	0.100
	Manual operation		No. 35	B	**3SB29 01-7QK**		100	10 units	102	0.100
Customized inscriptions										
	Inscription of your choice 1 line of text with up to 6 characters of 3 mm in height. Please add the appropriate order code to the Order No. and specify the line of text required.			B	**3SB29 01-7AZ** **K0Y, K1Y, K2Y** or **K5Y**		1	1 unit	102	0.001
	Further symbols acc. to DIN Report 4 Please add the short code **"K3Y"** to the Order No. and also specify the serial number acc. to DIN Report 4.			B	**3SB29 01-7AZ** **K3Y**		1	1 unit	102	0.001
	Any inscription of symbol Please add the short code **"K9Y"** to the Order No. and specify the inscription or the symbol required.			B	**3SB29 01-7AZ** **K9Y**		1	1 unit	102	0.001

Options

Customized inscriptions

Labels and caps can be inscribed with text and symbols not listed in the ordering data. Append the following codes to the order number:

- Text line in upper/lower case, upper case only for beginning of line (e.g. "Lift out"): **K0Y**
- Text line in upper case (e.g. "LIFT OUT"): **K1Y**
- Text line in lower case (e.g. "lift out"): **K2Y**
- Text line in upper/lower case, all words begin with upper case letters (e.g. "Lift Out"): **K5Y**
- Symbols with number according to DIN Report 4 (ISO 7000, IEC 60417, DIN 30600): **K3Y**
- Any inscription or symbols according to order form supplement: **K9Y**

DIN Report 4 can be obtained from
Beuth Verlag GmbH, D-10772 Berlin

When ordering, specify the required inscription in plain text in addition to the order number and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language. In the case of symbols with No., quote the corresponding standard.

One line with up to 6 letters is possible, with 3 mm letter height.

For special symbols (short code K9Y), a CAD drawing in DXF format can be submitted.

Ordering examples:

3SB29 01–4AZ
K1Y
Z = pump

3SB29 01–4AZ
K3Y
Z = 19 DIN 30600

* You can order this quantity or a multiple thereof.

Overview

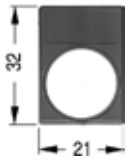
The name plates consist of a black molded-plastic label holder and an labeling plate (silver with black print) for sticking in place.

Note insert dimensions!

Inscriptions

The inscriptions (also special inscriptions) are lower case with upper case initial letters. The symbols, including those not listed in the catalog, are according to the DIN Report 4.

Selection and ordering data

Inscriptions	Symbols with number acc. to DIN Report 4	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Labeling plates, self-adhesive, 9.5 mm × 18.5 mm								
Blank	-	▶	**3SB29 01-2AA**		100	10 units	102	0.100
Ein	-	B	**3SB29 01-2AB**		100	10 units	102	0.100
Aus	-	B	**3SB29 01-2AC**		100	10 units	102	0.100
Auf	-	B	**3SB29 01-2AD**		100	10 units	102	0.100
Zu	-	B	**3SB29 01-2AL**		100	10 units	102	0.100
Vor	-	B	**3SB29 01-2AF**		100	10 units	102	0.100
Zurück	-	B	**3SB29 01-2AG**		100	10 units	102	0.100
Schnell	-	C	**3SB29 01-2AM**		100	10 units	102	0.100
Langsam	-	C	**3SB29 01-2AN**		100	10 units	102	0.100
Betrieb	-	B	**3SB29 01-2AP**		100	10 units	102	0.100
Störung	-	B	**3SB29 01-2AQ**		100	10 units	102	0.100
Einrichten	-	B	**3SB29 01-2AR**		100	10 units	102	0.100
On	-	B	**3SB29 01-2EB**		100	10 units	102	0.100
Off	-	B	**3SB29 01-2EC**		100	10 units	102	0.100
Start	-	B	**3SB29 01-2EL**		100	10 units	102	0.100
Reset	-	B	**3SB29 01-2EM**		100	10 units	102	0.100
Fault	-	B	**3SB29 01-2EW**		100	10 units	102	0.100
Hand Auto	-	B	**3SB29 01-2BA**		100	10 units	102	0.100
Hand 0 Auto	-	B	**3SB29 01-2BE**		100	10 units	102	0.100
Man 0 Auto	-	B	**3SB29 01-2ET**		100	10 units	102	0.100
Symbols								
O (Off)	No. 15	B	**3SB29 01-2MB**		100	10 units	102	0.100
I (On)	No. 16	B	**3SB29 01-2MC**		100	10 units	102	0.100
O I (horizontal)	-	B	**3SB29 01-2MF**		100	10 units	102	0.100
Motion in direction of arrow	No. 28	C	**3SB29 01-2NA**		100	10 units	102	0.100
Customized labels or symbols			**3SB29 01-2XZ**					
(see Options)		C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	1 unit	102	0.001
		C	**K9Y**		1	1 unit	102	0.001
Label holders								
								
Label holders for labeling plates[1]	-	B	**3SB29 02-0AB**		100	10 units	102	0.100

1) Must not be used with the 3SB2...-1AC01 EMERGENCY-STOP mushroom pushbutton.

Options

Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data. Append the following codes to the order number:

- Text line(s) in upper/lower case, upper case only for beginning of line (e.g. "Lift out"): **K0Y**
- Text line(s) in upper case (e.g. "LIFT OUT"): **K1Y**
- Text line(s) in lower case (e.g. "lift out"): **K2Y**
- Text line(s) in upper/lower case, all words begin with upper case letters (e.g. "Lift Out"): **K5Y**
- Symbols with number according to DIN Report 4 (ISO 7000, IEC 60417, DIN 30600): **K3Y**
- Any inscription or symbols according to order form supplement: **K9Y**

When ordering, specify the required inscription in plain text in addition to the order number and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language. In the case of symbols with No., quote the corresponding standard.

Two lines of 11 characters are permitted with a font size of 4 mm (1 line) or 3 mm (2 lines).

For special symbols (short code K9Y), a CAD drawing in DXF format can be submitted.

Ordering example

3SB29 01–2XZ
K3Y, Z = 19 DIN 30600

*** You can order this quantity or a multiple thereof.**

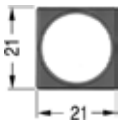
Accessories and Spare Parts

Mounting parts and components

Selection and ordering data

	Version	Lamp voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
		V								kg
	Buttons, flat For pushbuttons		Black	B	**3SB29 10-0AB**		100	10 units	102	0.100
			Red	B	**3SB29 10-0AC**		100	10 units	102	0.100
			Yellow	B	**3SB29 10-0AD**		100	10 units	102	0.100
			Green	B	**3SB29 10-0AE**		100	10 units	102	0.100
			Blue	B	**3SB29 10-0AF**		100	10 units	102	0.100
			White	B	**3SB29 10-0AG**		100	10 units	102	0.100
			Clear	B	**3SB29 10-0AH**		100	10 units	102	0.100
	Buttons, flat For illuminated pushbuttons		Red	B	**3SB29 10-0CC**		100	10 units	102	0.100
			Yellow	B	**3SB29 10-0CD**		100	10 units	102	0.100
			Green	B	**3SB29 10-0CE**		100	10 units	102	0.100
			Blue	B	**3SB29 10-0CF**		100	10 units	102	0.100
			White	B	**3SB29 10-0AG**		100	10 units	102	0.100
			Clear	B	**3SB29 10-0AH**		100	10 units	102	0.100
	Buttons, raised For pushbuttons		Black	B	**3SB29 10-0BB**		1	1 unit	102	0.001
			Red	B	**3SB29 10-0BC**		1	1 unit	102	0.001
			Yellow	B	**3SB29 10-0BD**		1	1 unit	102	0.001
			Clear	B	**3SB29 10-0BH**		1	1 unit	102	0.001
	Buttons, raised For illuminated pushbuttons		Red	B	**3SB29 10-0DC**		1	1 unit	102	0.001
			Yellow	B	**3SB29 10-0DD**		1	1 unit	102	0.001
			Clear	B	**3SB29 10-0BH**		1	1 unit	102	0.001
	Screw lenses With concentric rings		Red	▶	**3SB29 10-1AC**		100	10 units	102	0.100
			Yellow	▶	**3SB29 10-1AD**		100	10 units	102	0.100
			Green	▶	**3SB29 10-1AE**		100	10 units	102	0.100
			Blue	B	**3SB29 10-1AF**		100	10 units	102	0.100
			White	▶	**3SB29 10-1AG**		100	10 units	102	0.100
			Clear	B	**3SB29 10-1AH**		100	10 units	102	0.100
	Screw lenses Smooth, for inscription with insert cap		Red	B	**3SB29 10-1BC**		100	10 units	102	0.700
			Yellow	B	**3SB29 10-1BD**		100	10 units	102	0.100
			Green	B	**3SB29 10-1BE**		100	10 units	102	0.100
			Blue	B	**3SB29 10-1BF**		100	10 units	102	0.100
			Clear	B	**3SB29 10-1BH**		100	10 units	102	0.100
	Incandescent lamps Wedge base W2 × 4.6 d, 1.0 W	6	Clear	C	**3SB29 08-1AA**		100	10 units	102	0.100
		12		B	**3SB29 08-1AB**		100	10 units	102	0.100
		24		▶	**3SB29 08-1AC**		100	10 units	102	0.100
		30		A	**3SB29 08-1AD**		100	10 units	102	0.100
		48		B	**3SB29 08-1AE**		1	10 units	102	0.001
		60		B	**3SB29 08-1AF**		1	10 units	102	0.001
	LEDs, super-bright Wedge base W2 × 4.6 d	24 DC	Red	B	**3SB39 01-1SB**		1	10 units	102	0.001
			Yellow	B	**3SB39 01-1RB**		1	10 units	102	0.001
			Green	B	**3SB39 01-1TB**		1	10 units	102	0.001
			White	B	**3SB39 01-1UB**		1	10 units	102	0.001
			Blue	B	**3SB29 08-1BD**		1	10 units	102	0.001

* You can order this quantity or a multiple thereof.

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	**Single frames** for square design	►	**3SB29 02-0AA**		100	10 units	102	0.100
	Disassembly tools For holders and lampholders with holder	►	**3SB29 08-2AA**		1	1 unit	102	0.015
	Lamp extractors For lamps with sockets W2 × 4.6 d	►	**3SB29 08-2AB**		1	1 unit	102	0.003
	Mounting tools For buttons and screw lenses	►	**3SB29 08-2AC**		1	1 unit	102	0.012
	Name plates, yellow, Ø 50 mm As backing plate for EMERGENCY STOP, self-adhesive							
	• Blank	►	**3SB29 08-2AF**		1	1 unit	102	0.001
	• With inscription "EMERGENCY STOP"	►	**3SB29 08-2AG**		1	1 unit	102	0.001
	Keys For CES key-operated switch, lock No. SB2	B	**3SB29 08-2AJ**		1	1 unit	102	0.004
	Blanking plugs Black molded plastic (degree of protection IP65)	B	**3SB29 08-3AA**		1	1 unit	102	0.005
	Protective caps, clear Silicone, for pushbuttons with flat and raised button	B	**3SB29 08-3AB**		1	1 unit	102	0.002
	Plug-in sleeves For flat connectors 2.8 × 0.8 mm, cross-section 0.5 ... 1.5 mm^2	►	**3SB29 08-8AA**		100	250 units	102	2.900
	Insulation sleeves For flat connectors, connection from the front	►	**3SB29 08-8AB**		100	250 units	102	0.100
	Complete connectors[1] For connecting contact blocks and lampholders (up to 10 connections). Guaranteed finger-safe acc. to IEC 61140 and VBG 4	►	**3SB29 08-8AD**		1	1 unit	102	0.005
	Plug-in sleeves With locating spring for latching in complete connector	B	**3SB29 08-8AE**		100	10 units	102	0.100
	KRBC 0560 crimping pliers For plug-in sleeves (both versions)		Lapp GmbH Kabelwerk Gewerbestraße 70565 Stuttgart Tel: +49 (0)711/78 38-02 Fax: +49 (0)711/78 38-401 (Order No. 61790950)					

1) Required plug-in sleeves must be ordered separately.

* You can order this quantity or a multiple thereof.

General data

Overview

The 3SB3 series is a range of plastic and metal commanding devices for front panel mounting and rear wire connection.

3SB3 is of modern industrial design with a very flat construction and can be installed rapidly by a single person. A metallic type with a high degree of protection according to IP67 and NEMA 4 is available in addition for the world market.

Standards

IEC 60947-1, EN 60947-1 (VDE 0660 Part 100).

IEC 60947-5-1, EN 60947-5-1 (VDE 0660 Part 200),

IEC 60947-5-5, EN 60947-5-5 (VDE 0660 Part 210)
for EMERGENCY-STOP mushroom pushbuttons.

Design

The 3SB3 series is available:

- Made of molded plastic in flat, round and square design
- Made of metal in round design

The operating surfaces of the pushbuttons and indicator lights are concave. The lenses of the indicator lights are convex. The flat design makes cleaning easy.

Application

The devices are climate-proof (KTW 24) and suitable for marine applications.

AS-Interface solutions

The 3SB3 commanding and signaling devices can be connected to the AS-Interface communication system quickly and safely with the help of various solutions.

The following solutions are available:

- AS-Interface EMERGENCY-STOP pushbuttons
- AS-Interface enclosures (with 1 to 6 command points)
- AS-Interface front panel modules (for 4 command points)

For selection and ordering data as well as detailed information, see catalog IK PI.

Safety EMERGENCY-STOP pushbuttons according to ISO 13850/EN 418

For controls that comply with IEC 60204-1 or EN 60204-1 (VDE 0113 Part 1) , the mushroom-head pushbuttons of the 3SB3 series are suitable for use as safety EMERGENCY-STOP pushbuttons.

Safety circuits

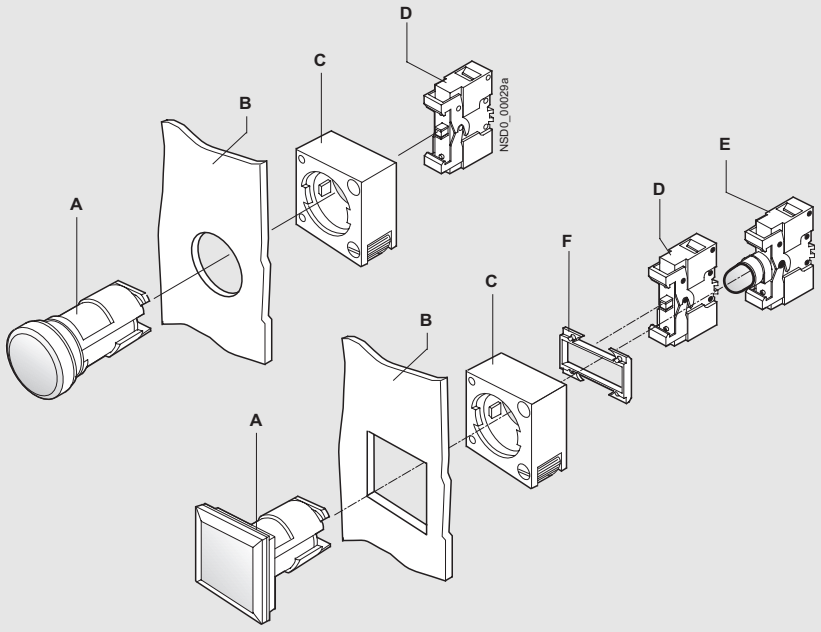
The standards IEC 60947-5-1 and EN 60947-5-1 require positive opening. Hence for the purposes of personal safety, the assured opening of NC contacts is expressly stipulated for the electrical equipment of machines in all safety circuits and marked according to IEC 60947-5-1 with the symbol ➔.

Category 4 according to EN 954-1 can be attained with the EMERGENCY-STOP mushroom pushbuttons if the corresponding failsafe evaluation units are selected and correctly installed, e.g. the 3TK28 safety relays or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

Design

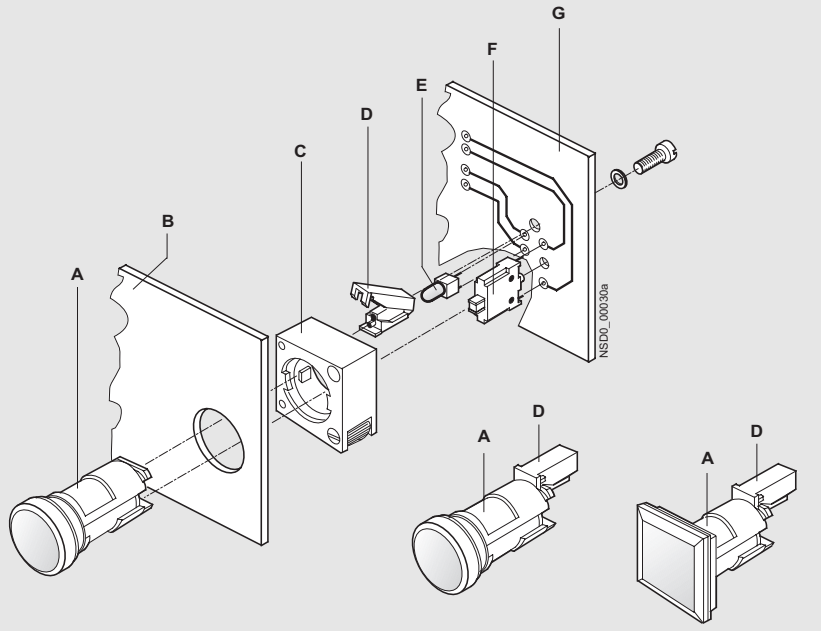
One command point comprises an actuating element or lens assembly in front of the control panel as well as a holder for fixing and contact blocks and/or lampholder behind the control panel.

Front plate mounting



A Actuating element
B Front plate
C Holder
D Contact block
E Lampholder
F Mounting element

Used on printed-circuit boards



A Actuating element
B Front plate
C Holder
D Holder for PCB
E Lampholder
F Contact block
G PCB

Actuators and Indicators, Plastic, Round

Complete units

Selection and ordering data

Pushbutton with flat button

Illuminated pushbutton with flat button

Version	Rated voltage of lamp	Color of actuator	Contacts for front plate mounting	DT	Screw connection Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V									kg
Pushbuttons with flat button		Black	1 NO	▶	**3SB32 02-0AA11**		1	1 unit	102	0.040
		Black	1 NC	B	**3SB32 03-0AA11**		1	1 unit	102	0.040
		Red	1 NC	▶	**3SB32 03-0AA21**		1	1 unit	102	0.040
		Yellow	1 NO	B	**3SB32 02-0AA31**		1	1 unit	102	0.040
		Green	1 NO	▶	**3SB32 02-0AA41**		1	1 unit	102	0.040
		Blue	1 NO	B	**3SB32 02-0AA51**		1	1 unit	102	0.040
		White	1 NO	▶	**3SB32 02-0AA61**		1	1 unit	102	0.040
		Black	1 NO + 1 NC	B	**3SB32 01-0AA11**		1	1 unit	102	0.047
		Red	1 NO + 1 NC	B	**3SB32 01-0AA21**		1	1 unit	102	0.047
		Yellow	1 NO + 1 NC	B	**3SB32 01-0AA31**		1	1 unit	102	0.047
		Green	1 NO + 1 NC	B	**3SB32 01-0AA41**		1	1 unit	102	0.047
		Blue	1 NO + 1 NC	B	**3SB32 01-0AA51**		1	1 unit	102	0.047
		White	1 NO + 1 NC	B	**3SB32 01-0AA61**		1	1 unit	102	0.047
Illuminated pushbuttons with flat button With integral LED	24 AC/DC	Red[1)]	1 NC	▶	**3SB32 46-0AA21**		1	1 unit	102	0.052
		Yellow[1)]	1 NO	B	**3SB32 45-0AA31**		1	1 unit	102	0.050
		Green[1)]	1 NO	▶	**3SB32 45-0AA41**		1	1 unit	102	0.051
		Blue[1)]	1 NO	B	**3SB32 45-0AA51**		1	1 unit	102	0.050
		White	1 NO	B	**3SB32 45-0AA61**		1	1 unit	102	0.051
		Clear[1)]	1 NO	▶	**3SB32 45-0AA71**		1	1 unit	102	0.051
	24 AC/DC	Red[1)]	1 NO + 1 NC	B	**3SB32 47-0AA21**		1	1 unit	102	0.058
		Yellow[1)]	1 NO + 1 NC	B	**3SB32 47-0AA31**		1	1 unit	102	0.058
		Green[1)]	1 NO + 1 NC	B	**3SB32 47-0AA41**		1	1 unit	102	0.058
		Blue[1)]	1 NO + 1 NC	B	**3SB32 47-0AA51**		1	1 unit	102	0.058
		White	1 NO + 1 NC	B	**3SB32 47-0AA61**		1	1 unit	102	0.058
		Clear[1)]	1 NO + 1 NC	B	**3SB32 47-0AA71**		1	1 unit	102	0.058
	110 AC	Red[1)]	1 NC	B	**3SB32 50-0AA21**		1	1 unit	102	0.050
		Yellow[1)]	1 NO	B	**3SB32 57-0AA31**		1	1 unit	102	0.051
		Green[1)]	1 NO	B	**3SB32 57-0AA41**		1	1 unit	102	0.051
		Blue[1)]	1 NO	B	**3SB32 57-0AA51**		1	1 unit	102	0.051
		White	1 NO	B	**3SB32 57-0AA61**		1	1 unit	102	0.051
		Clear[1)]	1 NO	B	**3SB32 57-0AA71**		1	1 unit	102	0.050
	110 AC	Red[1)]	1 NO + 1 NC	B	**3SB32 51-0AA21**		1	1 unit	102	0.058
		Yellow[1)]	1 NO + 1 NC	B	**3SB32 51-0AA31**		1	1 unit	102	0.058
		Green[1)]	1 NO + 1 NC	B	**3SB32 51-0AA41**		1	1 unit	102	0.058
		Blue[1)]	1 NO + 1 NC	C	**3SB32 51-0AA51**		1	1 unit	102	0.060
		White	1 NO + 1 NC	B	**3SB32 51-0AA61**		1	1 unit	102	0.058
		Clear[1)]	1 NO + 1 NC	B	**3SB32 51-0AA71**		1	1 unit	102	0.058
	230 AC	Red[1)]	1 NC	▶	**3SB32 54-0AA21**		1	1 unit	102	0.052
		Yellow[1)]	1 NO	B	**3SB32 53-0AA31**		1	1 unit	102	0.051
		Green[1)]	1 NO	▶	**3SB32 53-0AA41**		1	1 unit	102	0.052
		Blue[1)]	1 NO	B	**3SB32 53-0AA51**		1	1 unit	102	0.051
		White	1 NO	B	**3SB32 53-0AA61**		1	1 unit	102	0.051
		Clear[1)]	1 NO	▶	**3SB32 53-0AA71**		1	1 unit	102	0.052
	230 AC	Red[1)]	1 NO + 1 NC	B	**3SB32 55-0AA21**		1	1 unit	102	0.058
		Yellow[1)]	1 NO + 1 NC	B	**3SB32 55-0AA31**		1	1 unit	102	0.058
		Green[1)]	1 NO + 1 NC	B	**3SB32 55-0AA41**		1	1 unit	102	0.058
		Blue[1)]	1 NO + 1 NC	B	**3SB32 55-0AA51**		1	1 unit	102	0.058
		White	1 NO + 1 NC	B	**3SB32 55-0AA61**		1	1 unit	102	0.058
		Clear[1)]	1 NO + 1 NC	B	**3SB32 55-0AA71**		1	1 unit	102	0.058
Illuminated pushbuttons with flat button With BA 9s lampholder, without lamp		Red[1)]	1 NC	B	**3SB32 07-0AA21**		1	1 unit	102	0.050
		Yellow[1)]	1 NO	B	**3SB32 06-0AA31**		1	1 unit	102	0.050
		Green[1)]	1 NO	B	**3SB32 06-0AA41**		1	1 unit	102	0.050
		Blue[1)]	1 NO	B	**3SB32 06-0AA51**		1	1 unit	102	0.050
		White	1 NO	B	**3SB32 06-0AA61**		1	1 unit	102	0.050
		Clear[1)]	1 NO	B	**3SB32 06-0AA71**		1	1 unit	102	0.050
		Red[1)]	1 NO + 1 NC	B	**3SB32 05-0AA21**		1	1 unit	102	0.057
		Yellow[1)]	1 NO + 1 NC	B	**3SB32 05-0AA31**		1	1 unit	102	0.056
		Green[1)]	1 NO + 1 NC	B	**3SB32 05-0AA41**		1	1 unit	102	0.057
		Blue[1)]	1 NO + 1 NC	B	**3SB32 05-0AA51**		1	1 unit	102	0.057
		White	1 NO + 1 NC	B	**3SB32 05-0AA61**		1	1 unit	102	0.057
		Clear[1)]	1 NO + 1 NC	B	**3SB32 05-0AA71**		1	1 unit	102	0.057
Illuminated pushbuttons with flat button with solvent-resistant button With integral LED	24 AC/DC	Red[1)]	1 NC	▶	**3SB32 46-0AA21-1PA00**		1	1 unit	102	0.050
		Yellow[1)]	1 NO	B	**3SB32 45-0AA31-1PA00**		1	1 unit	102	0.050
		Green[1)]	1 NO	▶	**3SB32 45-0AA41-1PA00**		1	1 unit	102	0.050
		Blue[1)]	1 NO	B	**3SB32 45-0AA51-1PA00**		1	1 unit	102	0.050
		White	1 NO	B	**3SB32 45-0AA61-1PA00**		1	1 unit	102	0.050
		Clear[1)]	1 NO	▶	**3SB32 45-0AA71-1PA00**		1	1 unit	102	0.050

1) Inscription is possible by inserting a label.

2) Not suitable for laser inscription.

* You can order this quantity or a multiple thereof.

Pushbutton with flat button

Illuminated pushbutton with flat button

Version	Rated voltage of lamp	Color of actuator	Contacts for front plate mounting	DT	Spring-loaded terminals Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V									kg
Pushbuttons with flat button		Black	1 NO	B	**3SB32 02-0AA11-0CC0**		1	1 unit	102	0.040
		Black	1 NC	B	**3SB32 03-0AA11-0CC0**		1	1 unit	102	0.040
		Red	1 NC	B	**3SB32 03-0AA21-0CC0**		1	1 unit	102	0.040
		Yellow	1 NO	B	**3SB32 02-0AA31-0CC0**		1	1 unit	102	0.040
		Green	1 NO	B	**3SB32 02-0AA41-0CC0**		1	1 unit	102	0.040
		Blue	1 NO	B	**3SB32 02-0AA51-0CC0**		1	1 unit	102	0.040
		White	1 NO	B	**3SB32 02-0AA61-0CC0**		1	1 unit	102	0.040
		Black	1 NO + 1 NC	B	**3SB32 01-0AA11-0CC0**		1	1 unit	102	0.060
		Red	1 NO + 1 NC	B	**3SB32 01-0AA21-0CC0**		1	1 unit	102	0.060
		Yellow	1 NO + 1 NC	B	**3SB32 01-0AA31-0CC0**		1	1 unit	102	0.060
		Green	1 NO + 1 NC	B	**3SB32 01-0AA41-0CC0**		1	1 unit	102	0.060
		Blue	1 NO + 1 NC	B	**3SB32 01-0AA51-0CC0**		1	1 unit	102	0.060
		White	1 NO + 1 NC	B	**3SB32 01-0AA61-0CC0**		1	1 unit	102	0.060
Illuminated pushbuttons with flat button With integral LED	24 AC/DC	Red[1)]	1 NC	B	**3SB32 46-0AA21-0CC0**		1	1 unit	102	0.050
		Yellow[1)]	1 NO	B	**3SB32 45-0AA31-0CC0**		1	1 unit	102	0.050
		Green[1)]	1 NO	B	**3SB32 45-0AA41-0CC0**		1	1 unit	102	0.051
		Blue[1)]	1 NO	B	**3SB32 45-0AA51-0CC0**		1	1 unit	102	0.050
		White	1 NO	B	**3SB32 45-0AA61-0CC0**		1	1 unit	102	0.051
		Clear[1)]	1 NO	B	**3SB32 45-0AA71-0CC0**		1	1 unit	102	0.051
	24 AC/DC	Red[1)]	1 NO + 1 NC	B	**3SB32 47-0AA21-0CC0**		1	1 unit	102	0.060
		Yellow[1)]	1 NO + 1 NC	B	**3SB32 47-0AA31-0CC0**		1	1 unit	102	0.060
		Green[1)]	1 NO + 1 NC	B	**3SB32 47-0AA41-0CC0**		1	1 unit	102	0.060
		Blue[1)]	1 NO + 1 NC	B	**3SB32 47-0AA51-0CC0**		1	1 unit	102	0.060
		White	1 NO + 1 NC	B	**3SB32 47-0AA61-0CC0**		1	1 unit	102	0.060
		Clear[1)]	1 NO + 1 NC	B	**3SB32 47-0AA71-0CC0**		1	1 unit	102	0.060
	230 AC	Red[1)]	1 NC	B	**3SB32 54-0AA21-0CC0**		1	1 unit	102	0.052
		Yellow[1)]	1 NO	B	**3SB32 53-0AA31-0CC0**		1	1 unit	102	0.051
		Green[1)]	1 NO	B	**3SB32 53-0AA41-0CC0**		1	1 unit	102	0.052
		Blue[1)]	1 NO	B	**3SB32 53-0AA51-0CC0**		1	1 unit	102	0.051
		White	1 NO	B	**3SB32 53-0AA61-0CC0**		1	1 unit	102	0.051
		Clear[1)]	1 NO	B	**3SB32 53-0AA71-0CC0**		1	1 unit	102	0.052
	230 AC	Red[1)]	1 NO + 1 NC	B	**3SB32 55-0AA21-0CC0**		1	1 unit	102	0.058
		Yellow[1)]	1 NO + 1 NC	B	**3SB32 55-0AA31-0CC0**		1	1 unit	102	0.058
		Green[1)]	1 NO + 1 NC	B	**3SB32 55-0AA41-0CC0**		1	1 unit	102	0.060
		Blue[1)]	1 NO + 1 NC	B	**3SB32 55-0AA51-0CC0**		1	1 unit	102	0.058
		White	1 NO + 1 NC	B	**3SB32 55-0AA61-0CC0**		1	1 unit	102	0.060
		Clear[1)]	1 NO + 1 NC	B	**3SB32 55-0AA71-0CC0**		1	1 unit	102	0.058
Illuminated pushbuttons with flat button With BA 9s lampholder, without lamp		Red[1)]	1 NC	B	**3SB32 07-0AA21-0CC0**		1	1 unit	102	0.050
		Yellow[1)]	1 NO	B	**3SB32 06-0AA31-0CC0**		1	1 unit	102	0.050
		Green[1)]	1 NO	B	**3SB32 06-0AA41-0CC0**		1	1 unit	102	0.050
		Blue[1)]	1 NO	B	**3SB32 06-0AA51-0CC0**		1	1 unit	102	0.050
		White	1 NO	B	**3SB32 06-0AA61-0CC0**		1	1 unit	102	0.050
		Clear[1)]	1 NO	B	**3SB32 06-0AA71-0CC0**		1	1 unit	102	0.050
		Red[1)]	1 NO + 1 NC	B	**3SB32 05-0AA21-0CC0**		1	1 unit	102	0.057
		Yellow[1)]	1 NO + 1 NC	B	**3SB32 05-0AA31-0CC0**		1	1 unit	102	0.056
		Green[1)]	1 NO + 1 NC	B	**3SB32 05-0AA41-0CC0**		1	1 unit	102	0.057
		Blue[1)]	1 NO + 1 NC	B	**3SB32 05-0AA51-0CC0**		1	1 unit	102	0.057
		White	1 NO + 1 NC	B	**3SB32 05-0AA61-0CC0**		1	1 unit	102	0.057
		Clear[1)]	1 NO + 1 NC	B	**3SB32 05-0AA71-0CC0**		1	1 unit	102	0.057

1) Inscription is possible by inserting a label.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Plastic, Round

Complete units

Version	Color of actuator	Contacts for front plate mounting	DT	Screw connection Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Mushroom push-pull-button									
Mushroom push-pull-buttons, Ø 40 mm, latching With pull-to-unlatch mechanism	Red	1 NC	▶	**3SB32 03-1CA21**		1	1 unit	102	0.052
		1 NO + 1 NC	B	**3SB32 01-1CA21**		1	1 unit	102	0.058
EMERGENCY-STOP commanding devices acc. to ISO 13850/EN 418, with yellow name plate, Ø 80 mm, labeled[2]. Can also be used with 3TK28 safety combinations									
EMERGENCY-STOP mushroom pushbutton									
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching function With rotate-to-unlatch mechanism	Red	1 NC → [1]	▶	**3SB32 03-1HA20**		1	1 unit	102	0.072
		1 NO + 1 NC → [1]	B	**3SB32 01-1HA20**		1	1 unit	102	0.078
With pull-to-unlatch mechanism		1 NC → [1]	B	**3SB32 03-1TA20**		1	1 unit	102	0.050
		1 NO + 1 NC → [1]	B	**3SB32 01-1TA20**		1	1 unit	102	0.050

Version	Color of actuator	Contacts for front plate mounting	DT	Spring-loaded terminals Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Mushroom push-pull-button									
Mushroom push-pull-buttons, Ø 40 mm, latching With pull-to-unlatch mechanism	Red	1 NC	B	**3SB32 03-1CA21-0CC0**		1	1 unit	102	0.052
		1 NO + 1 NC	B	**3SB32 01-1CA21-0CC0**		1	1 unit	102	0.058
EMERGENCY-STOP commanding devices acc. to ISO 13850/EN 418, with yellow name plate, Ø 80 mm, labeled[2]. Can also be used with 3TK28 safety combinations									
EMERGENCY-STOP mushroom pushbutton									
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching function With rotate-to-unlatch mechanism	Red	1 NC → [1]	B	**3SB32 03-1HA20-0CC0**		1	1 unit	102	0.072
		1 NO + 1 NC → [1]	B	**3SB32 01-1HA20-0CC0**		1	1 unit	102	0.051

1) Positive opening according to IEC 60947-5-1, Appendix K.

2) Inscription "EMERGENCY STOP".

* You can order this quantity or a multiple thereof.

Complete units

Version	Color of actuator / lock No.	Contacts for front plate mounting	DT	Screw connection Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Selector switch **Selector switches, 2 switch positions** Switching sequence O-I, 50° operating angle, latching 	Black	1 NO	▶	**3SB32 02-2KA11**		1	1 unit	102	0.044
		1 NO + 1 NC	B	**3SB32 01-2KA11**		1	1 unit	102	0.051
Selector switches, 2 switch positions Switching sequence O-I, 90° operating angle, latching 	Black	1 NO	B	**3SB32 02-2HA11**		1	1 unit	102	0.044
		1 NO + 1 NC	B	**3SB32 01-2HA11**		1	1 unit	102	0.051
Selector switches, 3 switch positions Switching sequence I-O-II, 2 x 50° operating angle, latching 	Black	1 NO, 1 NO	▶	**3SB32 10-2DA11**		1	1 unit	102	0.054
		1 NO + 1 NC, 1 NO + 1 NC	B	**3SB32 08-2DA11**		1	1 unit	102	0.067
Selector switches, 3 switch positions Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	Black	1 NO, 1 NO	B	**3SB32 10-2EA11**		1	1 unit	102	0.054
		1 NO + 1 NC, 1 NO + 1 NC	B	**3SB32 08-2EA11**		1	1 unit	102	0.068
RONIS key-operated switch **RONIS key-operated switches, 2 switch positions** Switching sequence O-I, 50° operating angle, latching 	SB 30	1 NO	▶	**3SB32 02-4AD11**		1	1 unit	102	0.070
		1 NO + 1 NC	B	**3SB32 01-4AD11**		1	1 unit	102	0.076

* You can order this quantity or a multiple thereof.

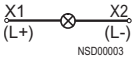
Actuators and Indicators, Plastic, Round

Complete units

	Version	Color of actuator / lock No.	Contacts for front plate mounting	DT	Spring-loaded terminals Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Selector switch	**Selector switches, 2 switch positions** Switching sequence O-I, 50° operating angle, latching	Black	1 NO	B	**3SB32 02-2KA11-0CC0**		1	1 unit	102	0.044
			1 NO + 1 NC	B	**3SB32 01-2KA11-0CC0**		1	1 unit	102	0.050
	Selector switches, 3 switch positions Switching sequence I-O-II, 2 x 50° operating angle, latching	Black	1 NO, 1 NO	B	**3SB32 10-2DA11-0CC0**		1	1 unit	102	0.054
			1 NO + 1 NC, 1 NO + 1 NC	B	**3SB32 08-2DA11-0CC0**		1	1 unit	102	0.070
	Selector switches, 3 switch positions Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type	Black	1 NO, 1 NO	B	**3SB32 10-2EA11-0CC0**		1	1 unit	102	0.054
			1 NO + 1 NC, 1 NO + 1 NC	B	**3SB32 08-2EA11-0CC0**		1	1 unit	102	0.068
RONIS key-operated switch	**RONIS key-operated switches, 2 switch positions** Switching sequence O-I, 50° operating angle, latching	SB 30	1 NO	B	**3SB32 02-4AD11-0CC0**		1	1 unit	102	0.070
			1 NO + 1 NC	B	**3SB32 01-4AD11-0CC0**		1	1 unit	102	0.076

* You can order this quantity or a multiple thereof.

Complete units

Version	Rated voltage of lamp	Color of lens	DT	Screw connection Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V								kg
Indicator light with smooth lens									
Indicator lights, with smooth lens[1] With integral LED	24 AC/DC	Red	▶	**3SB32 44-6AA20**		1	1 unit	102	0.038
		Yellow	B	**3SB32 44-6AA30**		1	1 unit	102	0.038
		Green	▶	**3SB32 44-6AA40**		1	1 unit	102	0.038
		Blue	B	**3SB32 44-6AA50**		1	1 unit	102	0.038
		White	B	**3SB32 44-6AA60**		1	1 unit	102	0.038
		Clear	▶	**3SB32 44-6AA70**		1	1 unit	102	0.038
	110 AC	Red	B	**3SB32 48-6AA20**		1	1 unit	102	0.039
		Yellow	B	**3SB32 48-6AA30**		1	1 unit	102	0.038
		Green	B	**3SB32 48-6AA40**		1	1 unit	102	0.039
		Blue	B	**3SB32 48-6AA50**		1	1 unit	102	0.038
		White	B	**3SB32 48-6AA60**		1	1 unit	102	0.038
		Clear	B	**3SB32 48-6AA70**		1	1 unit	102	0.038
	230 AC	Red	▶	**3SB32 52-6AA20**		1	1 unit	102	0.039
		Yellow	B	**3SB32 52-6AA30**		1	1 unit	102	0.039
		Green	▶	**3SB32 52-6AA40**		1	1 unit	102	0.039
		Blue	B	**3SB32 52-6AA50**		1	1 unit	102	0.039
		White	B	**3SB32 52-6AA60**		1	1 unit	102	0.039
		Clear	▶	**3SB32 52-6AA70**		1	1 unit	102	0.039
Indicator lights, with smooth lens[1] With BA 9s lamp-holder, without lamp	--	Red	B	**3SB32 04-6AA20**		1	1 unit	102	0.037
		Yellow	B	**3SB32 04-6AA30**		1	1 unit	102	0.037
		Green	B	**3SB32 04-6AA40**		1	1 unit	102	0.037
		Blue	B	**3SB32 04-6AA50**		1	1 unit	102	0.037
		White	B	**3SB32 04-6AA60**		1	1 unit	102	0.037
		Clear	B	**3SB32 04-6AA70**		1	1 unit	102	0.037
Indicator light with lens with concentric rings									
Indicator lights with lens with concentric rings[1] With integral LED	24 AC/DC	Red	▶	**3SB32 44-6BA20**		1	1 unit	102	0.038
		Yellow	B	**3SB32 44-6BA30**		1	1 unit	102	0.038
		Green	▶	**3SB32 44-6BA40**		1	1 unit	102	0.038
		Blue	B	**3SB32 44-6BA50**		1	1 unit	102	0.038
		White	B	**3SB32 44-6BA60**		1	1 unit	102	0.038
		Clear	▶	**3SB32 44-6BA70**		1	1 unit	102	0.038
	110 AC	Red	B	**3SB32 48-6BA20**		1	1 unit	102	0.039
		Yellow	B	**3SB32 48-6BA30**		1	1 unit	102	0.038
		Green	B	**3SB32 48-6BA40**		1	1 unit	102	0.038
		Blue	B	**3SB32 48-6BA50**		1	1 unit	102	0.037
		White	B	**3SB32 48-6BA60**		1	1 unit	102	0.038
		Clear	B	**3SB32 48-6BA70**		1	1 unit	102	0.038
	230 AC	Red	▶	**3SB32 52-6BA20**		1	1 unit	102	0.039
		Yellow	B	**3SB32 52-6BA30**		1	1 unit	102	0.039
		Green	▶	**3SB32 52-6BA40**		1	1 unit	102	0.039
		Blue	B	**3SB32 52-6BA50**		1	1 unit	102	0.039
		White	B	**3SB32 52-6BA60**		1	1 unit	102	0.039
		Clear	▶	**3SB32 52-6BA70**		1	1 unit	102	0.039
Indicator lights with lens with concentric rings[1] With BA 9s lamp-holder, without lamp	--	Red	B	**3SB32 04-6BA20**		1	1 unit	102	0.038
		Yellow	B	**3SB32 04-6BA30**		1	1 unit	102	0.037
		Green	B	**3SB32 04-6BA40**		1	1 unit	102	0.037
		Blue	B	**3SB32 04-6BA50**		1	1 unit	102	0.037
		White	B	**3SB32 04-6BA60**		1	1 unit	102	0.038
		Clear	B	**3SB32 04-6BA70**		1	1 unit	102	0.037
Acoustic signal device									
Acoustic signal devices, IP65[2] Continuous sound 2.4 kHz, min. operating current 4 mA, min. sound pressure 80 dB/10 cm 	24 AC/DC 115 AC/DC 230 AC/DC	Black	A B A	**3SB32 33-7BA10** **3SB32 34-7BA10** **3SB32 35-7BA10**		1 1 1	1 unit 1 unit 1 unit	102 102 102	0.042 0.043 0.042

1) Inscription is possible by inserting a label.

2) Mounting in 3SB38 enclosure is not possible.

* You can order this quantity or a multiple thereof.

Actuators and Indicators, Plastic, Round

Complete units

	Version	Rated voltage of lamp	Color of lens	DT	Spring-loaded terminals		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
					Order No.	Price per PU				
		V								kg
Indicator light with smooth lens	**Indicator lights, with smooth lens**[1] With integral LED	24 AC/DC	Red	B	**3SB32 44-6AA20-0CC0**		1	1 unit	102	0.038
			Yellow	B	**3SB32 44-6AA30-0CC0**		1	1 unit	102	0.038
			Green	B	**3SB32 44-6AA40-0CC0**		1	1 unit	102	0.038
			Blue	B	**3SB32 44-6AA50-0CC0**		1	1 unit	102	0.038
			White	B	**3SB32 44-6AA60-0CC0**		1	1 unit	102	0.038
			Clear	B	**3SB32 44-6AA70-0CC0**		1	1 unit	102	0.038
		230 AC	Red	B	**3SB32 52-6AA20-0CC0**		1	1 unit	102	0.039
			Yellow	B	**3SB32 52-6AA30-0CC0**		1	1 unit	102	0.039
			Green	B	**3SB32 52-6AA40-0CC0**		1	1 unit	102	0.039
			Blue	B	**3SB32 52-6AA50-0CC0**		1	1 unit	102	0.039
			White	B	**3SB32 52-6AA60-0CC0**		1	1 unit	102	0.039
			Clear	B	**3SB32 52-6AA70-0CC0**		1	1 unit	102	0.039
	Indicator lights, with smooth lens[1] With BA 9s lamp-holder, without lamp	–	Red	B	**3SB32 04-6AA20-0CC0**		1	1 unit	102	0.037
			Yellow	B	**3SB32 04-6AA30-0CC0**		1	1 unit	102	0.037
			Green	B	**3SB32 04-6AA40-0CC0**		1	1 unit	102	0.037
			Blue	B	**3SB32 04-6AA50-0CC0**		1	1 unit	102	0.037
			White	B	**3SB32 04-6AA60-0CC0**		1	1 unit	102	0.037
			Clear	B	**3SB32 04-6AA70-0CC0**		1	1 unit	102	0.037
Indicator light with lens with concentric rings	**Indicator lights with lens with concentric rings**[1] With integral LED	24 AC/DC	Red	B	**3SB32 44-6BA20-0CC0**		1	1 unit	102	0.040
			Yellow	B	**3SB32 44-6BA30-0CC0**		1	1 unit	102	0.038
			Green	B	**3SB32 44-6BA40-0CC0**		1	1 unit	102	0.040
			Blue	B	**3SB32 44-6BA50-0CC0**		1	1 unit	102	0.038
			White	B	**3SB32 44-6BA60-0CC0**		1	1 unit	102	0.040
			Clear	B	**3SB32 44-6BA70-0CC0**		1	1 unit	102	0.038
		230 AC	Red	B	**3SB32 52-6BA20-0CC0**		1	1 unit	102	0.040
			Yellow	B	**3SB32 52-6BA30-0CC0**		1	1 unit	102	0.039
			Green	B	**3SB32 52-6BA40-0CC0**		1	1 unit	102	0.040
			Blue	B	**3SB32 52-6BA50-0CC0**		1	1 unit	102	0.039
			White	B	**3SB32 52-6BA60-0CC0**		1	1 unit	102	0.040
			Clear	B	**3SB32 52-6BA70-0CC0**		1	1 unit	102	0.039
	Indicator lights with lens with concentric rings [1] With BA 9s lampholder, without lamp	–	Red	B	**3SB32 04-6BA20-0CC0**		1	1 unit	102	0.038
			Yellow	B	**3SB32 04-6BA30-0CC0**		1	1 unit	102	0.037
			Green	B	**3SB32 04-6BA40-0CC0**		1	1 unit	102	0.037
			Blue	B	**3SB32 04-6BA50-0CC0**		1	1 unit	102	0.037
			White	B	**3SB32 04-6BA60-0CC0**		1	1 unit	102	0.038
			Clear	B	**3SB32 04-6BA70-0CC0**		1	1 unit	102	0.037

	Version		Color of actuator	DT	Without connection		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
					Order No.	Price per PU				
										kg
Actuator for potentiometer	**Actuators for potentiometers** IP65[2)3)]			B	**3SB10 00-7CH07**		1	1 unit	102	0.030
Pushbutton with 12 mm stroke	**Pushbuttons with extended stroke** (12 mm), IP65[2)] for operating relays		Black	B	**3SB30 00-0EA11**		1	1 unit	102	0.021

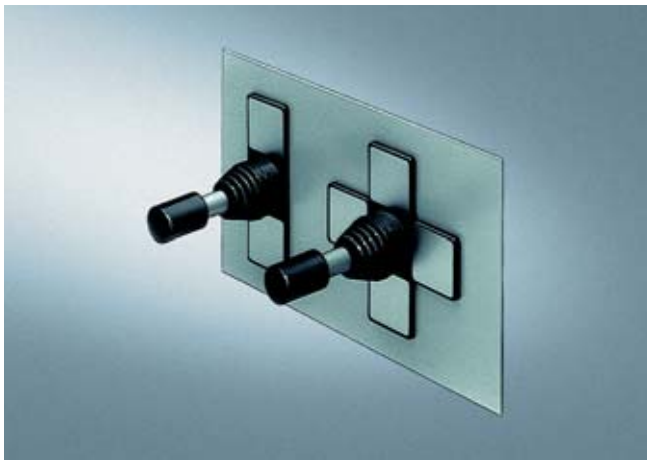
1) Inscription is possible by inserting a label.

2) Mounting in 3SB38 enclosure is not possible.

3) The potentiometer is not included in the scope of supply.

* You can order this quantity or a multiple thereof.

Overview



Joystick switches control auxiliary circuits permitting movements in various directions of machines and equipment.

The switches are designed for front panel mounting. They are climate-proof.

Operation

The 3SB14 00-0J contact block is used, which due to its depth cannot be built into 3SB38 enclosures.

Switches are available as follows:
- With 2 or 4 positions
- Latching or momentary contact type
- With or without mechanical interlocking

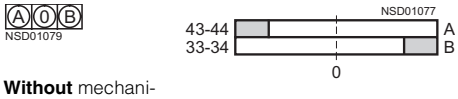
In the case of switches with mechanical interlock in O position, the switch is unlatched with the unlatching button at the front of the actuating lever.

Inscriptions

A name plate consisting of a black, molded-plastic label holder and two or four adhesive, silver-colored labeling plates of 27 mm x 27 mm in size is available for labeling purposes. These labels can be supplied with and without customized inscription.

Note insert dimensions!

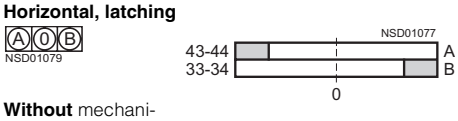
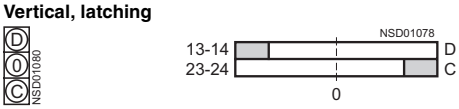
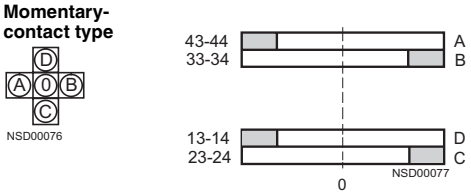
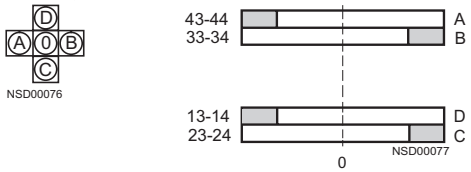
Selection and ordering data

Version	Operating travel □ Contact closed □ Contact open	DT	Order No. (for Order No. suffix, see page 9/28)	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Coordinate switches, complete								
2 switch positions, 1 NO per direction								
Horizontal, momentary contact type								
Without mechanical locking in the O position		B	**3SB12 01-7DV** □□		1	1 unit	102	0.065
With mechanical locking in the O position		B	**3SB12 01-7DW** □□		1	1 unit	102	0.065
Vertical, momentary contact type								
Without mechanical locking in the O position		B	**3SB12 01-7FV** □□		1	1 unit	102	0.065
With mechanical locking in the O position		B	**3SB12 01-7FW** □□		1	1 unit	102	0.065

* You can order this quantity or a multiple thereof.

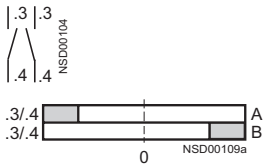
Actuators and Indicators, Plastic, Round

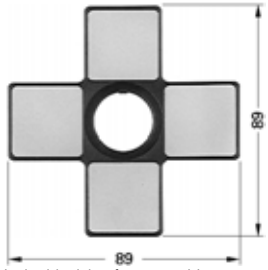
Coordinate switches, complete

Version	Operating travel ▭ Contact closed ▭ Contact open	DT	Order No. (for Order No. suffix, see below)	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Coordinate switches, complete								
2 switch positions, 1 NO per direction								
Horizontal, latching								
Without mechanical locking in the O position		B	**3SB12 01-7EV ☐☐**		1	1 unit	102	0.065
With mechanical locking in the O position		B	**3SB12 01-7EW☐☐**		1	1 unit	102	0.065
Vertical, latching								
Without mechanical locking in the O position		B	**3SB12 01-7GV ☐☐**		1	1 unit	102	0.065
With mechanical locking in the O position		B	**3SB12 01-7GW☐☐**		1	1 unit	102	0.065
4 switch positions, 1 NO per direction								
Momentary-contact type								
Without mechanical locking in the O position		B	**3SB12 08-7JV ☐☐**		1	1 unit	102	0.085
With mechanical locking in the O position		B	**3SB12 08-7JW ☐☐**		1	1 unit	102	0.085
Latching								
Without mechanical locking in the O position		B	**3SB12 08-7KV ☐☐**		1	1 unit	102	0.085
With mechanical locking in the O position		B	**3SB12 08-7KW☐☐**		1	1 unit	102	0.085
Order No. suffix for front rings								
Actuator with molded plastic front ring, black			**01**					
Actuator with metal front ring			**20**					

* You can order this quantity or a multiple thereof.

Accessories

Version Contact blocks	Symbols/ Operating travel Contact closed Contact open	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Spare contact blocks								
Contact blocks with 2 contacts 1 NO, 1 NO		C	**3SB14 00-0J**		1	1 unit	102	0.016

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Name plates							
Label holder for 2 positions, vertical	**Label holders for joystick switches**						
	2 positions, horizontal	B	**3SB19 06-0AU**		1	1 unit	102	0.003
	2 positions, vertical	B	**3SB19 06-0AV**		1	1 unit	102	0.003
	4 positions	B	**3SB19 06-0AW**		1	1 unit	102	0.006
	Labeling plates 27 mm × 27 mm							
	Without inscription	B	**3SB19 06-2AA**		100	10 units	102	0.100
	With inscription		**3SB19 06-2XZ**					
	• Text lines (up to 5 lines each with 11 letters are possible, text engraved)	C	**K0Y, K1Y, K2Y** or **K5Y**		1	1 unit	102	0.001
	• Symbols with number acc. to DIN Report 4	C	**K3Y**		1	1 unit	102	0.001
	• Any inscription or symbol	D	**K9Y**		1	1 unit	102	0.001
 Label holder for 4 positions								

Options

Customized inscriptions

The inscriptions have upper case initial letters. 5 lines with 11 letters each are possible, engraved lettering.

Ordering notes

Append the following codes to the order number:

- Text line(s) in upper/lower case, upper case only for beginning of line (e.g. "Lift out"): **K0Y**
- Text line(s) in upper case (e.g. "LIFT OUT"): **K1Y**
- Text line(s) in lower case (e.g. "lift out"): **K2Y**
- Text line(s) in upper/lower case, all words begin with upper case letters (e.g. "Lift Out"): **K5Y**
- Symbols with number according to DIN Report 4 (ISO 7000, IEC 60417, DIN 30600): **K3Y**
- Any inscription or symbols according to order form supplement: **K9Y**

The required inscription must also be specified in plain text. In the case of inscriptions with words in languages other than German, give the exact spelling and specify the language.

For special symbols (short code K9Y), a CAD drawing in DXF format can be submitted.

Ordering example

You want a label with symbol No. 1800 according to DIN 30600:

3SB19 06-2XZ
K3Y
Z = 1800 DIN 30600

*** You can order this quantity or a multiple thereof.**

Actuators and indicators

Selection and ordering data

Version	Inscriptions	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Pushbuttons with holder[1]									
With flat button									
Pushbuttons with flat button		Black	▶	**3SB30 00-0AA11**		1	1 unit	102	0.025
		Red	▶	**3SB30 00-0AA21**		1	1 unit	102	0.025
		Yellow	B	**3SB30 00-0AA31**		1	1 unit	102	0.025
		Green	▶	**3SB30 00-0AA41**		1	1 unit	102	0.025
		Blue	B	**3SB30 00-0AA51**		1	1 unit	102	0.024
		White	▶	**3SB30 00-0AA61**		1	1 unit	102	0.025
		Gray	B	**3SB30 00-0AB51**		1	1 unit	102	0.025
		Clear[2]	B	**3SB30 00-0AA71**		1	1 unit	102	0.025
	I	Green	B	**3SB30 00-0AA81**		1	1 unit	102	0.025
	O	Red	B	**3SB30 00-0AB01**		1	1 unit	102	0.025
	I	White	B	**3SB30 00-0AB11**		1	1 unit	102	0.025
	O	Black	B	**3SB30 00-0AB21**		1	1 unit	102	0.025
With raised button									
Pushbuttons with raised button		Black	B	**3SB30 00-0BA11**		1	1 unit	102	0.025
		Red	B	**3SB30 00-0BA21**		1	1 unit	102	0.025
		Yellow	B	**3SB30 00-0BA31**		1	1 unit	102	0.025
		Green	B	**3SB30 00-0BA41**		1	1 unit	102	0.025
		Blue	B	**3SB30 00-0BA51**		1	1 unit	102	0.025
		White	B	**3SB30 00-0BA61**		1	1 unit	102	0.026
With raised button, latching									
Pushbuttons with raised button, latching by pressing in and turning to the right, unlatches by turning to the left		Black	▶	**3SB30 00-0CA11**		1	1 unit	102	0.032
		Red	B	**3SB30 00-0CA21**		1	1 unit	102	0.032
With raised front ring									
Pushbuttons with raised front ring (height 13 mm)		Black	B	**3SB30 00-0AA12**		1	1 unit	102	0.026
		Red	B	**3SB30 00-0AA22**		1	1 unit	102	0.026
		Yellow	B	**3SB30 00-0AA32**		1	1 unit	102	0.026
		Green	B	**3SB30 00-0AA42**		1	1 unit	102	0.026
		Blue	B	**3SB30 00-0AA52**		1	1 unit	102	0.026
		White	B	**3SB30 00-0AA62**		1	1 unit	102	0.028
Pushbuttons with raised front ring (height 13 mm)		Black	B	**3SB30 00-0AA13**		1	1 unit	102	0.026
		Red	B	**3SB30 00-0AA23**		1	1 unit	102	0.030
		Yellow	B	**3SB30 00-0AA33**		1	1 unit	102	0.028
		Green	B	**3SB30 00-0AA43**		1	1 unit	102	0.027
With raised front ring, castellated									
Illuminated pushbuttons with flat button including holder for 3 elements		Red[2]	▶	**3SB30 01-0AA21**		1	1 unit	102	0.025
		Yellow[2]	▶	**3SB30 01-0AA31**		1	1 unit	102	0.025
		Green[2]	▶	**3SB30 01-0AA41**		1	1 unit	102	0.025
		Blue[2]	B	**3SB30 01-0AA51**		1	1 unit	102	0.025
		White	B	**3SB30 01-0AA61**		1	1 unit	102	0.025
		Clear[2]	▶	**3SB30 01-0AA71**		1	1 unit	102	0.025
Illuminated pushbuttons with flat button with solvent-resistant button[3] Including holder for 3 elements		Red[2]	▶	**3SB30 01-0AA21-1PA0**		1	1 unit	102	0.025
		Yellow[2]	▶	**3SB30 01-0AA31-1PA0**		1	1 unit	102	0.025
		Green[2]	▶	**3SB30 01-0AA41-1PA0**		1	1 unit	102	0.025
		Blue[2]	B	**3SB30 01-0AA51-1PA0**		1	1 unit	102	0.025
		White	B	**3SB30 01-0AA61-1PA0**		1	1 unit	102	0.025
		Clear[2]	▶	**3SB30 01-0AA71-1PA0**		1	1 unit	102	0.025
Illuminated pushbuttons with raised button including holder for 3 elements		Red	B	**3SB30 01-0BA21**		1	1 unit	102	0.026
		Yellow	B	**3SB30 01-0BA31**		1	1 unit	102	0.026
		Green	B	**3SB30 01-0BA41**		1	1 unit	102	0.026
		Blue	B	**3SB30 01-0BA51**		1	1 unit	102	0.026
		Clear	B	**3SB30 01-0BA71**		1	1 unit	102	0.026
With flat button									
Pushbuttons with flat button, latching, unlatches by pressing again		Black	B	**3SB30 00-0DA11**		1	1 unit	102	0.025
		Red	B	**3SB30 00-0DA21**		1	1 unit	102	0.025
		Yellow	B	**3SB30 00-0DA31**		1	1 unit	102	0.025
		Green	B	**3SB30 00-0DA41**		1	1 unit	102	0.026
		Blue	B	**3SB30 00-0DA51**		1	1 unit	102	0.025
		White	B	**3SB30 00-0DA61**		1	1 unit	102	0.025
		Gray	C	**3SB30 00-0DB51**		1	1 unit	102	0.075
With raised button									
Illuminated pushbuttons with flat button, latching, unlatches by pressing again, including holder for 3 elements		Red[2]	B	**3SB30 01-0DA21**		1	1 unit	102	0.026
		Yellow[2]	B	**3SB30 01-0DA31**		1	1 unit	102	0.027
		Green[2]	B	**3SB30 01-0DA41**		1	1 unit	102	0.026
		Blue[2]	B	**3SB30 01-0DA51**		1	1 unit	102	0.026
		White	B	**3SB30 01-0DA61**		1	1 unit	102	0.026
		Clear[2]	B	**3SB30 01-0DA71**		1	1 unit	102	0.026

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) Inscription is possible by inserting a label.

3) Not suitable for laser inscription.

*** You can order this quantity or a multiple thereof.**

Version	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Mushroom pushbuttons with holder[1]								
Mushroom pushbuttons, Ø 30 mm	Black	B	**3SB30 00-1DA11**		1	1 unit	102	0.032
	Red	B	**3SB30 00-1DA21**		1	1 unit	102	0.032
	Yellow	B	**3SB30 00-1DA31**		1	1 unit	102	0.032
	Green	B	**3SB30 00-1DA41**		1	1 unit	102	0.032
Mushroom pushbuttons, Ø 40 mm	Black	▶	**3SB30 00-1GA11**		1	1 unit	102	0.033
	Red	▶	**3SB30 00-1GA21**		1	1 unit	102	0.033
	Yellow	B	**3SB30 00-1GA31**		1	1 unit	102	0.033
	Green	B	**3SB30 00-1GA41**		1	1 unit	102	0.033
Mushroom pushbuttons, Ø 60 mm	Black	B	**3SB30 00-1QA11**		1	1 unit	102	0.050
	Red	B	**3SB30 00-1QA21**		1	1 unit	102	0.050
	Yellow	B	**3SB30 00-1QA31**		1	1 unit	102	0.042
	Green	B	**3SB30 00-1QA41**		1	1 unit	102	0.050
Illuminated mushroom pushbuttons, Ø 30 mm Including holder for 3 elements	Yellow	B	**3SB30 01-1DA31**		1	1 unit	102	0.033
	Green	B	**3SB30 01-1DA41**		1	1 unit	102	0.033
	White	B	**3SB30 01-1DA61**		1	1 unit	102	0.034
Illuminated mushroom pushbuttons, Ø 40 mm Including holder for 3 elements	Yellow	B	**3SB30 01-1GA31**		1	1 unit	102	0.034
	Green	B	**3SB30 01-1GA41**		1	1 unit	102	0.034
	White	B	**3SB30 01-1GA61**		1	1 unit	102	0.034
Push-pull buttons, Ø 30 mm, latching, with pull-to-unlatch mechanism	Black	B	**3SB30 00-1EA11**		1	1 unit	102	0.032
	Red[2]	B	**3SB30 00-1EA21**		1	1 unit	102	0.032
Push-pull buttons, Ø 40 mm, latching, with pull-to-unlatch mechanism	Black	▶	**3SB30 00-1CA11**		1	1 unit	102	0.033
	Red	▶	**3SB30 00-1CA21**		1	1 unit	102	0.034
Push-pull buttons, Ø 60 mm, latching, with pull-to-unlatch mechanism	Red	B	**3SB30 00-1RA21**		1	1 unit	102	0.050
	Black	B	**3SB30 00-1RA11**		1	1 unit	102	0.050
Push-pull buttons, Ø 30 mm, can be illuminated, latching, with pull-to-unlatch mechanism, including holder for 3 elements	Red	B	**3SB30 01-1EA21**		1	1 unit	102	0.060
	Yellow	B	**3SB30 01-1EA31**		1	1 unit	102	0.038
	Green	B	**3SB30 01-1EA41**		1	1 unit	102	0.033
	Blue	B	**3SB30 01-1EA51**		1	1 unit	102	0.034
	Clear	B	**3SB30 01-1EA71**		1	1 unit	102	0.033
Push-pull buttons, Ø 40 mm, can be illuminated, latching, with pull-to-unlatch mechanism, including holder for 3 elements	Red	B	**3SB30 01-1CA21**		1	1 unit	102	0.035
	Yellow	B	**3SB30 01-1CA31**		1	1 unit	102	0.034
	Green	B	**3SB30 01-1CA41**		1	1 unit	102	0.034
	Blue	B	**3SB30 01-1CA51**		1	1 unit	102	0.034
	Clear	B	**3SB30 01-1CA71**		1	1 unit	102	0.034

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) Maximum permissible fittings: 3 single-pole and 2 double-pole contact blocks. When using the 3SB39 01-0AB holder, the central command position must not be empty.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Plastic, Round

Actuators and indicators

Selector switches with holder[1)]

Non-illuminated

Illuminated

Version	Version Lighting	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Selector switches with 2 switch positions									
Switching sequence O-I, 50° operating angle, latching	**Non-illuminated**	Black	▶	**3SB30 00-2KA11**		1	1 unit	102	0.028
		Red	B	**3SB30 00-2KA21**		1	1 unit	102	0.029
		Green	B	**3SB30 00-2KA41**		1	1 unit	102	0.028
		White	B	**3SB30 00-2KA61**		1	1 unit	102	0.028
	Illuminated including holder for 3 elements	Red	B	**3SB30 01-2KA21**		1	1 unit	102	0.030
		Yellow	B	**3SB30 01-2KA31**		1	1 unit	102	0.029
		Green	B	**3SB30 01-2KA41**		1	1 unit	102	0.029
		Blue	B	**3SB30 01-2KA51**		1	1 unit	102	0.029
		Clear	B	**3SB30 01-2KA71**		1	1 unit	102	0.029
Switching sequence O-I, 50° operating angle, momentary contact type	**Non-illuminated**	Black	▶	**3SB30 00-2LA11**		1	1 unit	102	0.029
		Red	B	**3SB30 00-2LA21**		1	1 unit	102	0.028
		Green	B	**3SB30 00-2LA41**		1	1 unit	102	0.028
		White	B	**3SB30 00-2LA61**		1	1 unit	102	0.028
	Illuminated including holder for 3 elements	Red	B	**3SB30 01-2LA21**		1	1 unit	102	0.029
		Yellow	B	**3SB30 01-2LA31**		1	1 unit	102	0.029
		Green	B	**3SB30 01-2LA41**		1	1 unit	102	0.029
		Blue	B	**3SB30 01-2LA51**		1	1 unit	102	0.029
		Clear	B	**3SB30 01-2LA71**		1	1 unit	102	0.029
Selector switches with 3 switch positions									
Switching sequence I-O-II 2 x 50° operating angle, latching	**Non-illuminated**	Black	▶	**3SB30 00-2DA11**		1	1 unit	102	0.028
		Red	B	**3SB30 00-2DA21**		1	1 unit	102	0.028
		Green	B	**3SB30 00-2DA41**		1	1 unit	102	0.029
		White	B	**3SB30 00-2DA61**		1	1 unit	102	0.028
	Illuminated including holder for 3 elements	Red	B	**3SB30 01-2DA21**		1	1 unit	102	0.030
		Yellow	B	**3SB30 01-2DA31**		1	1 unit	102	0.029
		Green	B	**3SB30 01-2DA41**		1	1 unit	102	0.030
		Blue	B	**3SB30 01-2DA51**		1	1 unit	102	0.029
		Clear	B	**3SB30 01-2DA71**		1	1 unit	102	0.031
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type	**Non-illuminated**	Black	▶	**3SB30 00-2EA11**		1	1 unit	102	0.029
		Red	B	**3SB30 00-2EA21**		1	1 unit	102	0.028
		Green	B	**3SB30 00-2EA41**		1	1 unit	102	0.028
		White	B	**3SB30 00-2EA61**		1	1 unit	102	0.028
	Illuminated including holder for 3 elements	Red	B	**3SB30 01-2EA21**		1	1 unit	102	0.029
		Yellow	B	**3SB30 01-2EA31**		1	1 unit	102	0.030
		Green	B	**3SB30 01-2EA41**		1	1 unit	102	0.030
		Blue	B	**3SB30 01-2EA51**		1	1 unit	102	0.029
		Clear	B	**3SB30 01-2EA71**		1	1 unit	102	0.030
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type to the left, latching to the right	**Non-illuminated**	Black	▶	**3SB30 00-2GA11**		1	1 unit	102	0.028
		Red	B	**3SB30 00-2GA21**		1	1 unit	102	0.029
		Green	B	**3SB30 00-2GA41**		1	1 unit	102	0.028
		White	B	**3SB30 00-2GA61**		1	1 unit	102	0.029
	Illuminated including holder for 3 elements	Red	B	**3SB30 01-2GA21**		1	1 unit	102	0.030
		Yellow	B	**3SB30 01-2GA31**		1	1 unit	102	0.045
		Green	B	**3SB30 01-2GA41**		1	1 unit	102	0.032
		Blue	B	**3SB30 01-2GA51**		1	1 unit	102	0.029
		Clear	B	**3SB30 01-2GA71**		1	1 unit	102	0.030
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type to the left, latching to the right	**Non-illuminated**	Black	B	**3SB30 00-2FA11**		1	1 unit	102	0.028
		Red	B	**3SB30 00-2FA21**		1	1 unit	102	0.029
		Green	B	**3SB30 00-2FA41**		1	1 unit	102	0.030
		White	B	**3SB30 00-2FA61**		1	1 unit	102	0.028
	Illuminated including holder for 3 elements	Red	B	**3SB30 01-2FA21**		1	1 unit	102	0.029
		Yellow	B	**3SB30 01-2FA31**		1	1 unit	102	0.060
		Green	B	**3SB30 01-2FA41**		1	1 unit	102	0.030
		Blue	C	**3SB30 01-2FA51**		1	1 unit	102	0.035
		Clear	B	**3SB30 01-2FA71**		1	1 unit	102	0.030

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

* You can order this quantity or a multiple thereof.

Version	Version key-operated switch: Type	Lock No./ color	Key removal position	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Key-operated switches with holder[1]										
Key-operated switches with 2 keys and 2 switch positions										
Switching sequence O-I, 50° operating angle, latching RONIS key-operated switch	RONIS	SB 30	O+I	B	**3SB30 00-4HD11**		1	1 unit	102	0.059
			O	B	**3SB30 00-4HD01**		1	1 unit	102	0.060
			I	B	**3SB30 00-4HD21**		1	1 unit	102	0.060
Switching sequence O-I, 50° operating angle, latching CES key-operated switch	RONIS	SB 30	O+I	►	**3SB30 00-4AD11**		1	1 unit	102	0.060
			O	►	**3SB30 00-4AD01**		1	1 unit	102	0.060
			I	B	**3SB30 00-4AD21**		1	1 unit	102	0.060
	CES	SSG 10	O+I	►	**3SB30 00-4LD11**		1	1 unit	102	0.139
			O	►	**3SB30 00-4LD01**		1	1 unit	102	0.143
			I	B	**3SB30 00-4LD21**		1	1 unit	102	0.142
		LSG 1	O+I	B	**3SB30 00-4LF01**		1	1 unit	102	0.140
			O	B	**3SB30 00-4LF11**		1	1 unit	102	0.144
	CES with key monitoring	SSG 10 [2]	O	C	**3SB30 00-4LD05**		1	1 unit	102	0.160
	IKON	360012 K1	O+I	B	**3SB30 00-5LD11**		1	1 unit	102	0.150
			O	B	**3SB30 00-5LD01**		1	1 unit	102	0.150
	BKS	S1	O+I	B	**3SB30 00-5AD11**		1	1 unit	102	0.136
			O	B	**3SB30 00-5AD01**		1	1 unit	102	0.140
			I	B	**3SB30 00-5AD21**		1	1 unit	102	0.140
		E1 for VW[3]	O+I	B	**3SB30 00-5AE01**		1	1 unit	102	0.125
			O	B	**3SB30 00-5AE11**		1	1 unit	102	0.128
		E2 for VW[3]	O+I	B	**3SB30 00-5AE21**		1	1 unit	102	0.125
			O	B	**3SB30 00-5AE31**		1	1 unit	102	0.129
		E7 for VW[3]	O+I	B	**3SB30 00-5AE41**		1	1 unit	102	0.124
			O	B	**3SB30 00-5AE51**		1	1 unit	102	0.128
		E9 for VW[3]	O+I	B	**3SB30 00-5AE61**		1	1 unit	102	0.125
			O	B	**3SB30 00-5AE71**		1	1 unit	102	0.127
	O.M.R.[4]	73038 Light blue	O+I	B	**3SB30 00-3AG11**		1	1 unit	102	0.128
			O	B	**3SB30 00-3AG01**		1	1 unit	102	0.126
		73037 Red	O+I	B	**3SB30 00-3AH11**		1	1 unit	102	0.125
			O	B	**3SB30 00-3AH01**		1	1 unit	102	0.126
			I	B	**3SB30 00-3AH21**		1	1 unit	102	0.125
		73034 Black	O+I	B	**3SB30 00-3AJ11**		1	1 unit	102	0.127
			O	B	**3SB30 00-3AJ01**		1	1 unit	102	0.125
		73033 Yellow	O+I	B	**3SB30 00-3AK11**		1	1 unit	102	0.125
			O	B	**3SB30 00-3AK01**		1	1 unit	102	0.125
Switching sequence O-I, 50° operating angle, momentary contact type O.M.R. key-operated switch	RONIS	SB 30	O	►	**3SB30 00-4BD01**		1	1 unit	102	0.060
	CES	SSG 10	O	►	**3SB30 00-4MD01**		1	1 unit	102	0.143
		LSG 1	O	B	**3SB30 00-4MF11**		1	1 unit	102	0.144
	IKON	360012 K1	O	B	**3SB30 00-5MD01**		1	1 unit	102	0.150
	BKS	S1	O	B	**3SB30 00-5BD01**		1	1 unit	102	0.141
	O.M.R.[4]	73038 Light blue	O	B	**3SB30 00-3BG01**		1	1 unit	102	0.128
		73037 Red	O	B	**3SB30 00-3BH01**		1	1 unit	102	0.127
		73034 Black	O	B	**3SB30 00-3BJ01**		1	1 unit	102	0.127
		73033 Yellow	O	B	**3SB30 00-3BK01**		1	1 unit	102	0.126

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) Middle contact block can be fitted with only one pole.

3) Supplied without the key.

4) In accordance with FIAT standards; also available for other users.

Actuators and Indicators, Plastic, Round

Actuators and indicators

Version	Version key-operated switch: Type	Lock No./ color	Key removal position	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Key-operated switches with holder[1]										
Key-operated switch with 2 keys and 3 switch positions										
Switching sequence I-O-II, 2 x 50° operating angle, latching	RONIS	SB 30	I+O+II	B	**3SB30 00-4DD11**		1	1 unit	102	0.060
			O	B	**3SB30 00-4DD01**		1	1 unit	102	0.060
			I+II	B	**3SB30 00-4DD41**		1	1 unit	102	0.060
			I	B	**3SB30 00-4DD21**		1	1 unit	102	0.060
			II	B	**3SB30 00-4DD31**		1	1 unit	102	0.060
			O+I	B	**3SB30 00-4DD51**		1	1 unit	102	0.060
	CES	SSG 10	I+O+II	B	**3SB30 00-4PD11**		1	1 unit	102	0.140
			O	B	**3SB30 00-4PD01**		1	1 unit	102	0.144
			I+II	B	**3SB30 00-4PD41**		1	1 unit	102	0.142
			I	B	**3SB30 00-4PD21**		1	1 unit	102	0.144
			II	B	**3SB30 00-4PD31**		1	1 unit	102	0.144
	CES with key monitoring	SSG 10 [2]	O	C	**3SB30 00-4PD05**		1	1 unit	102	0.160
	IKON	360012 K1	I+O+II	B	**3SB30 00-5PD11**		1	1 unit	102	0.149
	BKS	S1	I+O+II	B	**3SB30 00-5DD11**		1	1 unit	102	0.136
			O	B	**3SB30 00-5DD01**		1	1 unit	102	0.141
			II	C	**3SB30 00-5DD31**		1	1 unit	102	0.137
	O.M.R.[3]	73038 Light blue	I+O+II	B	**3SB30 00-3DG11**		1	1 unit	102	0.125
			O	B	**3SB30 00-3DG01**		1	1 unit	102	0.127
			O+I	B	**3SB30 00-3DG51**		1	1 unit	102	0.125
		73037 Red	I+O+II	B	**3SB30 00-3DH11**		1	1 unit	102	0.127
			O	B	**3SB30 00-3DH01**		1	1 unit	102	0.125
			O+I	B	**3SB30 00-3DH51**		1	1 unit	102	0.125
		73034 Black	I+O+II	B	**3SB30 00-3DJ11**		1	1 unit	102	0.126
			O	B	**3SB30 00-3DJ01**		1	1 unit	102	0.128
		73033 Yellow	I+O+II	B	**3SB30 00-3DK11**		1	1 unit	102	0.125
			O	C	**3SB30 00-3DK01**		1	1 unit	102	0.128
Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type	RONIS	SB 30	O	B	**3SB30 00-4ED01**		1	1 unit	102	0.060
	CES	SSG 10	O	B	**3SB30 00-4QD01**		1	1 unit	102	0.144
	IKON	360012 K1	O	B	**3SB30 00-5QD01**		1	1 unit	102	0.153
	BKS	S1	O	B	**3SB30 00-5ED01**		1	1 unit	102	0.140
	O.M.R.[3]	73038 Light blue	O	B	**3SB30 00-3EG01**		1	1 unit	102	0.130
		73037 Red	O	B	**3SB30 00-3EH01**		1	1 unit	102	0.123
		73034 Black	O	B	**3SB30 00-3EJ01**		1	1 unit	102	0.128
		73033 Yellow	O	B	**3SB30 00-3EK01**		1	1 unit	102	0.128

RONIS key-operated switch

CES key-operated switch

IKON key-operated switch

BKS key-operated switch

O.M.R. key-operated switch

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) Middle contact block can be fitted with only one pole.

3) In accordance with FIAT standards; also available for other users.

*** You can order this quantity or a multiple thereof.**

Version	Version key-operated switch: Type	Lock No./ color	Key removal position	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Key-operated switches with holder[1]										
Key-operated switches with 2 keys and 3 switch positions										
Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type to the left, latching to the right	RONIS	SB 30	O + II	B	**3SB30 00-4GD61**		1	1 unit	102	0.060
			O	B	**3SB30 00-4GD01**		1	1 unit	102	0.061
			II	B	**3SB30 00-4GD31**		1	1 unit	102	0.061
	CES	SSG 10	O + II	B	**3SB30 00-4SD61**		1	1 unit	102	0.142
			O	B	**3SB30 00-4SD01**		1	1 unit	102	0.144
			II	B	**3SB30 00-4SD31**		1	1 unit	102	0.144
	BKS	S1	O	B	**3SB30 00-5GD01**		1	1 unit	102	0.141
Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type to the left, latching to the right	RONIS	SB 30	O+I	B	**3SB30 00-4FD51**		1	1 unit	102	0.060
			O	B	**3SB30 00-4FD01**		1	1 unit	102	0.061
			I	B	**3SB30 00-4FD21**		1	1 unit	102	0.061
	CES	SSG 10	O+I	B	**3SB30 00-4RD51**		1	1 unit	102	0.143
			O	B	**3SB30 00-4RD01**		1	1 unit	102	0.144
			I	B	**3SB30 00-4RD21**		1	1 unit	102	0.144
	IKON	350012 K1	O+I	B	**3SB30 00-5RD51**		1	1 unit	102	0.155
	BKS	S1	O+I	B	**3SB30 00-5FD51**		1	1 unit	102	0.137
			O	B	**3SB30 00-5FD01**		1	1 unit	102	0.141
			I	B	**3SB30 00-5FD21**		1	1 unit	102	0.141
	O.M.R.[2]	73038 Light blue	O	B	**3SB30 00-3FG01**		1	1 unit	102	0.126
			I	C	**3SB30 00-3FG21**		1	1 unit	102	0.126
		73034 Black	I	B	**3SB30 00-3FJ21**		1	1 unit	102	0.127

RONIS key-operated switch

CES key-operated switch

IKON key-operated switch

BKS key-operated switch

O.M.R. key-operated switch

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) In accordance with FIAT standards; also available for other users.

Actuators and Indicators, Plastic, Round

Actuators and indicators

	Version	Color of actuator	Approval	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
EMERGENCY-STOP commanding devices acc. to ISO 13850/EN 418 and IEC 60947-5-5 with holder[1)2)]. Can also be used with 3TK28 safety combinations										
Mushroom diameter 32 mm	**EMERGENCY-STOP mushroom pushbuttons, Ø 32 mm,** with positive latching acc. to EN 418, with rotate-to-unlatch mechanism	Red		B	**3SB30 00-1FA20**		1	1 unit	102	0.048
Mushroom diameter 40 mm, rotate-to-unlatch mechanism	**EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm,** with positive latching acc. to EN 418, with rotate-to-unlatch mechanism	Red	BG-PRÜFZERT 96 4041	▶ B	**3SB30 00-1HA20**		1	1 unit	102	0.055
Mushroom diameter 40 mm, pull-to-unlatch mechanism	**EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm,** with positive latching acc. to EN 418, with pull-to-unlatch mechanism	Red		B	**3SB30 00-1TA20**		1	1 unit	102	0.058
	EMERGENCY-STOP mushroom pushbuttons, Ø 60 mm, with positive latching acc. to EN 418, with rotate-to-unlatch mechanism	Red		B	**3SB30 00-1AA20**		1	1 unit	102	0.081
Mushroom diameter 60 mm	**EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with RONIS key-operated switch,** lock No. SB 30, with positive latching acc. to EN 418, unlocking only possible using key	Red	BG-PRÜFZERT 96 4042	B	**3SB30 00-1BA20**		1	1 unit	102	0.086
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with CES key-operated switch, lock No. SSG 10, with positive latching acc. to EN 418, unlocking only possible using key	Red	BG-PRÜFZERT 96 4042	B	**3SB30 00-1KA20**		1	1 unit	102	0.114
Mushroom diameter 40 mm, with key-operated switch	**EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with BKS key-operated switch,** lock No. S1, with positive latching acc. to EN 418, unlocking only possible using key	Red	BG-PRÜFZERT 96 4042	B	**3SB30 00-1LA20**		1	1 unit	102	0.112
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with O.M.R. key-operated switch, lock No. 73037, with positive latching acc. to EN 418, unlocking only possible using key	Red	BG-PRÜFZERT 96 4042	B	**3SB30 00-1MA20**		1	1 unit	102	0.120

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) The yellow backing plates must be ordered separately, see Accessories.

*** You can order this quantity or a multiple thereof.**

Version	Color of lens	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Signaling elements with holder[1]								
Indicator lights With smooth lens[2]	Red	▶	**3SB30 01-6AA20**		1	1 unit	102	0.023
	Yellow	B	**3SB30 01-6AA30**		1	1 unit	102	0.023
	Green	▶	**3SB30 01-6AA40**		1	1 unit	102	0.022
	Blue	B	**3SB30 01-6AA50**		1	1 unit	102	0.022
	White	B	**3SB30 01-6AA60**		1	1 unit	102	0.023
	Clear	▶	**3SB30 01-6AA70**		1	1 unit	102	0.022
Indicator lights With lens with concentric rings[2]	Red	B	**3SB30 01-6BA20**		1	1 unit	102	0.022
	Yellow	B	**3SB30 01-6BA30**		1	1 unit	102	0.023
	Green	B	**3SB30 01-6BA40**		1	1 unit	102	0.023
	Blue	B	**3SB30 01-6BA50**		1	1 unit	102	0.023
	White	B	**3SB30 01-6BA60**		1	1 unit	102	0.023
	Clear	B	**3SB30 01-6BA70**		1	1 unit	102	0.022
Acoustic signaling devices, IP40[3] For acoustic signal transformer 24 V DC[4]	Black	B	**3SB30 00-7AA10**		1	1 unit	102	0.024

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) Inscription is possible by inserting a label.

3) For acoustic signaling devices, IP65, see Complete Units.

4) To order 3SB1902-2BN acoustic signal transformers separately, see Accessories.
The 3SB34 00-1A lampholder is also required.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Plastic, Round

Actuators and indicators

Version	Inscrip-tions	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Twin pushbuttons with holder[1]									
Twin pushbutton with flat buttons									
Twin pushbuttons, with flat buttons	I/O[2] I/O[2]	Green/Red White/Black	B B	**3SB31 00-8AC21** **3SB31 00-8AC31**		1 1	1 unit 1 unit	102 102	0.032 0.032
Twin pushbuttons, with flat and raised button	I/O[2] I/O[2]	Green/Red White/Black	B B	**3SB31 00-8CC21** **3SB31 00-8CC31**		1 1	1 unit 1 unit	102 102	0.032 0.032
Twin pushbutton with indicator light, with flat and raised buttons									
Twin pushbuttons with indicator light, with flat buttons, including holder for 3 elements	I/O[2] I/O[2]	Green/Red White/Black	B B	**3SB31 01-8BC21** **3SB31 01-8BC31**		1 1	1 unit 1 unit	102 102	0.033 0.033
Twin pushbuttons with indicator light, with flat and raised buttons, including holder for 3 elements	I/O[2] I/O[2]	Green/Red White/Black	B B	**3SB31 01-8DC21** **3SB31 01-8DC31**		1 1	1 unit 1 unit	102 102	0.033 0.033

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) Black inscription for green, red and white buttons; white inscription on black button.

Version	Use	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Label holder								
Label holders 70 mm x 30 mm For labeling plate 12.5 mm x 27 mm[1]	Twin push-buttons	B	**3SB39 22-0AY**		100	5 units	102	0.200
Protective cap								
Protective caps, clear Silicone, for degree of protection IP67	Twin push-buttons with flat buttons	B	**3SB39 21-0AQ**		1	1 unit	102	0.004

1) For labeling plates, see pages 9/72 and 9/73.

* You can order this quantity or a multiple thereof.

Selection and ordering data

Pushbutton

Illuminated pushbutton

Version	Rated voltage of lamp	Color of actuator	Contacts for front plate mounting	DT	Screw connection Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V									kg
Pushbuttons with flat button		Black	1 NO	B	**3SB33 02-0AA11**		1	1 unit	102	0.039
		Black	1 NC	B	**3SB33 03-0AA11**		1	1 unit	102	0.039
		Red	1 NC	B	**3SB33 03-0AA21**		1	1 unit	102	0.040
		Yellow	1 NO	B	**3SB33 02-0AA31**		1	1 unit	102	0.039
		Green	1 NO	B	**3SB33 02-0AA41**		1	1 unit	102	0.039
		Blue	1 NO	B	**3SB33 02-0AA51**		1	1 unit	102	0.039
		White	1 NO	B	**3SB33 02-0AA61**		1	1 unit	102	0.040
		Black	1 NO + 1 NC	B	**3SB33 01-0AA11**		1	1 unit	102	0.046
		Red	1 NO + 1 NC	B	**3SB33 01-0AA21**		1	1 unit	102	0.046
		Yellow	1 NO + 1 NC	B	**3SB33 01-0AA31**		1	1 unit	102	0.047
		Green	1 NO + 1 NC	B	**3SB33 01-0AA41**		1	1 unit	102	0.046
		Blue	1 NO + 1 NC	C	**3SB33 01-0AA51**		1	1 unit	102	0.046
		White	1 NO + 1 NC	B	**3SB33 01-0AA61**		1	1 unit	102	0.046
Illuminated pushbuttons with flat button With integral LED	24 AC/DC	Red[1)]	1 NC	B	**3SB33 46-0AA21**		1	1 unit	102	0.050
		Yellow[1)]	1 NO	B	**3SB33 45-0AA31**		1	1 unit	102	0.050
		Green[1)]	1 NO	B	**3SB33 45-0AA41**		1	1 unit	102	0.050
		Blue[1)]	1 NO	B	**3SB33 45-0AA51**		1	1 unit	102	0.050
		White	1 NO	B	**3SB33 45-0AA61**		1	1 unit	102	0.050
		Clear[1)]	1 NO	B	**3SB33 45-0AA71**		1	1 unit	102	0.050
		Red[1)]	1 NO + 1 NC	B	**3SB33 47-0AA21**		1	1 unit	102	0.056
		Yellow[1)]	1 NO + 1 NC	B	**3SB33 47-0AA31**		1	1 unit	102	0.057
		Green[1)]	1 NO + 1 NC	B	**3SB33 47-0AA41**		1	1 unit	102	0.057
		Blue[1)]	1 NO + 1 NC	B	**3SB33 47-0AA51**		1	1 unit	102	0.056
		White	1 NO + 1 NC	B	**3SB33 47-0AA61**		1	1 unit	102	0.057
		Clear[1)]	1 NO + 1 NC	B	**3SB33 47-0AA71**		1	1 unit	102	0.057
Illuminated pushbuttons with flat button With integral LED	230 AC	Red[1)]	1 NC	B	**3SB33 54-0AA21**		1	1 unit	102	0.050
		Yellow[1)]	1 NO	C	**3SB33 53-0AA31**		1	1 unit	102	0.050
		Green[1)]	1 NO	B	**3SB33 53-0AA41**		1	1 unit	102	0.050
		Blue[1)]	1 NO	C	**3SB33 53-0AA51**		1	1 unit	102	0.050
		White	1 NO	B	**3SB33 53-0AA61**		1	1 unit	102	0.050
		Clear[1)]	1 NO	B	**3SB33 53-0AA71**		1	1 unit	102	0.050
		Red[1)]	1 NO + 1 NC	B	**3SB33 55-0AA21**		1	1 unit	102	0.058
		Yellow[1)]	1 NO + 1 NC	C	**3SB33 55-0AA31**		1	1 unit	102	0.057
		Green[1)]	1 NO + 1 NC	B	**3SB33 55-0AA41**		1	1 unit	102	0.057
		Blue[1)]	1 NO + 1 NC	C	**3SB33 55-0AA51**		1	1 unit	102	0.057
		White	1 NO + 1 NC	C	**3SB33 55-0AA61**		1	1 unit	102	0.057
		Clear[1)]	1 NO + 1 NC	B	**3SB33 55-0AA71**		1	1 unit	102	0.057
Illuminated pushbuttons with flat button with BA 9s lampholder, without lamp		Red[1)]	1 NC	B	**3SB33 07-0AA21**		1	1 unit	102	0.050
		Yellow[1)]	1 NO	B	**3SB33 06-0AA31**		1	1 unit	102	0.049
		Green[1)]	1 NO	B	**3SB33 06-0AA41**		1	1 unit	102	0.049
		Blue[1)]	1 NO	B	**3SB33 06-0AA51**		1	1 unit	102	0.049
		White	1 NO	B	**3SB33 06-0AA61**		1	1 unit	102	0.049
		Clear[1)]	1 NO	B	**3SB33 06-0AA71**		1	1 unit	102	0.049
		Red[1)]	1 NO + 1 NC	B	**3SB33 05-0AA21**		1	1 unit	102	0.056
		Yellow[1)]	1 NO + 1 NC	B	**3SB33 05-0AA31**		1	1 unit	102	0.054
		Green[1)]	1 NO + 1 NC	B	**3SB33 05-0AA41**		1	1 unit	102	0.056
		Blue[1)]	1 NO + 1 NC	B	**3SB33 05-0AA51**		1	1 unit	102	0.056
		White	1 NO + 1 NC	B	**3SB33 05-0AA61**		1	1 unit	102	0.056
		Clear[1)]	1 NO + 1 NC	B	**3SB33 05-0AA71**		1	1 unit	102	0.056

1) Inscription is possible by inserting a label

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Plastic, Square

Complete units

Version	Color of actuator	Contacts for front plate mounting		DT	Screw connection		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
					Order No.	Price per PU				kg
EMERGENCY-STOP commanding devices acc. to ISO 13850/EN 418, with yellow name plate, Ø 80 mm, labeled[1]. Can also be used with 3TK28 safety combinations										
EMERGENCY-STOP mushroom pushbutton	**EMERGENCY-STOP mushroom push-buttons, Ø 40 mm, with positive latching function,** with rotate-to-unlatch mechanism	Red	1 NC	→ 2)	B	**3SB33 03-1HA20**		1	1 unit	102	0.072
			1 NO + 1 NC	→ 2)	B	**3SB33 01-1HA20**		1	1 unit	102	0.080

1) Inscription "EMERGENCY STOP".

2) Positive opening according to IEC 60947-5-1, Appendix K.

Version	Rated voltage of lamp	Color of lens	DT	Screw connection		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
				Order No.	Price per PU				
	V								kg
Indicator light									
Indicator lights With integral LED	24 AC/DC	Red	B	**3SB33 44-6AA20**		1	1 unit	102	0.039
		Yellow	B	**3SB33 44-6AA30**		1	1 unit	102	0.039
		Green	B	**3SB33 44-6AA40**		1	1 unit	102	0.039
		Blue	B	**3SB33 44-6AA50**		1	1 unit	102	0.039
		White	B	**3SB33 44-6AA60**		1	1 unit	102	0.039
		Clear	B	**3SB33 44-6AA70**		1	1 unit	102	0.039
Indicator lights With integral LED	230 AC	Red	B	**3SB33 52-6AA20**		1	1 unit	102	0.039
		Yellow	B	**3SB33 52-6AA30**		1	1 unit	102	0.039
		Green	B	**3SB33 52-6AA40**		1	1 unit	102	0.039
		Blue	B	**3SB33 52-6AA50**		1	1 unit	102	0.040
		White	B	**3SB33 52-6AA60**		1	1 unit	102	0.040
		Clear	B	**3SB33 52-6AA70**		1	1 unit	102	0.040
Indicator lights With BA 9s lampholder (without lamp)	--	Red	B	**3SB33 04-6AA20**		1	1 unit	102	0.039
		Yellow	B	**3SB33 04-6AA30**		1	1 unit	102	0.039
		Green	B	**3SB33 04-6AA40**		1	1 unit	102	0.038
		Blue	B	**3SB33 04-6AA50**		1	1 unit	102	0.038
		White	B	**3SB33 04-6AA60**		1	1 unit	102	0.038
		Clear	B	**3SB33 04-6AA70**		1	1 unit	102	0.038

* You can order this quantity or a multiple thereof.

Selection and ordering data

Version	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Pushbuttons and switches with holder[1]								
Pushbutton								
Pushbuttons with flat button	Black	B	**3SB31 10-0AA11**		1	1 unit	102	0.024
	Red	B	**3SB31 10-0AA21**		1	1 unit	102	0.024
	Yellow	B	**3SB31 10-0AA31**		1	1 unit	102	0.024
	Green	B	**3SB31 10-0AA41**		1	1 unit	102	0.024
	Blue	B	**3SB31 10-0AA51**		1	1 unit	102	0.024
	White	B	**3SB31 10-0AA61**		1	1 unit	102	0.024
	Clear[2]	B	**3SB31 10-0AA71**		1	1 unit	102	0.024
Pushbuttons with raised front ring (height 13 mm)	Black	B	**3SB31 10-0AA12**		1	1 unit	102	0.027
	Red	B	**3SB31 10-0AA22**		1	1 unit	102	0.033
	White	B	**3SB31 10-0AA62**		1	1 unit	102	0.026
Pushbuttons with raised front ring castellated (height 13 mm)	Black	C	**3SB31 10-0AA13**		1	1 unit	102	0.026
	Yellow	C	**3SB31 10-0AA33**		1	1 unit	102	0.027
	Green	C	**3SB31 10-0AA43**		1	1 unit	102	0.026
Illuminated pushbutton								
Illuminated pushbuttons with flat button Including holder for 3 elements	Red[2]	B	**3SB31 11-0AA21**		1	1 unit	102	0.025
	Yellow[2]	B	**3SB31 11-0AA31**		1	1 unit	102	0.025
	Green[2]	B	**3SB31 11-0AA41**		1	1 unit	102	0.025
	Blue[2]	B	**3SB31 11-0AA51**		1	1 unit	102	0.025
	White	B	**3SB31 11-0AA61**		1	1 unit	102	0.025
	Clear[2]	B	**3SB31 11-0AA71**		1	1 unit	102	0.025
Pressure switch								
Pushbuttons latching, **with flat button**, unlatches by pressing again	Black	B	**3SB31 10-0DA11**		1	1 unit	102	0.024
	Red	B	**3SB31 10-0DA21**		1	1 unit	102	0.024
	Yellow	B	**3SB31 10-0DA31**		1	1 unit	102	0.025
	Green	B	**3SB31 10-0DA41**		1	1 unit	102	0.024
	Blue	C	**3SB31 10-0DA51**		1	1 unit	102	0.024
	White	B	**3SB31 10-0DA61**		1	1 unit	102	0.024
Illuminated pushbutton								
Illuminated pushbuttons, latching, **with flat button** Including holder for 3 elements, unlatching by pressing again	Red[2]	B	**3SB31 11-0DA21**		1	1 unit	102	0.025
	Yellow[2]	B	**3SB31 11-0DA31**		1	1 unit	102	0.060
	Green[2]	B	**3SB31 11-0DA41**		1	1 unit	102	0.025
	Blue[2]	B	**3SB31 11-0DA51**		1	1 unit	102	0.025
	White	B	**3SB31 11-0DA61**		1	1 unit	102	0.025
	Clear[2]	B	**3SB31 11-0DA71**		1	1 unit	102	0.025

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) Inscription is possible by inserting a label.

Actuators and Indicators, Plastic, Square

Actuators and indicators

Selector switches with holder[1)]

Selector switch

Selector switch, illuminated

Version	Illumination	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Selector switches with 2 switch positions									
Switching sequence O-I, 50° operating angle, latching	**Non-illuminated**	Black	B	**3SB31 10-2KA11**		1	1 unit	102	0.030
		Red	B	**3SB31 10-2KA21**		1	1 unit	102	0.030
		Green	B	**3SB31 10-2KA41**		1	1 unit	102	0.029
		White	B	**3SB31 10-2KA61**		1	1 unit	102	0.030
	Illuminated including holder for 3 elements	Red	B	**3SB31 11-2KA21**		1	1 unit	102	0.031
		Yellow	B	**3SB31 11-2KA31**		1	1 unit	102	0.031
		Green	B	**3SB31 11-2KA41**		1	1 unit	102	0.031
		Blue	B	**3SB31 11-2KA51**		1	1 unit	102	0.031
		Clear	B	**3SB31 11-2KA71**		1	1 unit	102	0.031
Switching sequence O-I, 50° operating angle, momentary contact type	**Non-illuminated**	Black	B	**3SB31 10-2LA11**		1	1 unit	102	0.030
		Red	C	**3SB31 10-2LA21**		1	1 unit	102	0.030
		Green	C	**3SB31 10-2LA41**		1	1 unit	102	0.029
		White	C	**3SB31 10-2LA61**		1	1 unit	102	0.030
	Illuminated including holder for 3 elements	Red	B	**3SB31 11-2LA21**		1	1 unit	102	0.031
		Yellow	C	**3SB31 11-2LA31**		1	1 unit	102	0.031
		Green	C	**3SB31 11-2LA41**		1	1 unit	102	0.032
		Blue	C	**3SB31 11-2LA51**		1	1 unit	102	0.031
		Clear	B	**3SB31 11-2LA71**		1	1 unit	102	0.031
Selector switches with 3 switch positions									
Switching sequence I-O-II 2 x 50° operating angle, latching	**Non-illuminated**	Black	B	**3SB31 10-2DA11**		1	1 unit	102	0.031
		Red	B	**3SB31 10-2DA21**		1	1 unit	102	0.030
		Green	C	**3SB31 10-2DA41**		1	1 unit	102	0.030
		White	C	**3SB31 10-2DA61**		1	1 unit	102	0.030
	Illuminated including holder for 3 elements	Red	B	**3SB31 11-2DA21**		1	1 unit	102	0.030
		Yellow	B	**3SB31 11-2DA31**		1	1 unit	102	0.030
		Green	B	**3SB31 11-2DA41**		1	1 unit	102	0.031
		Blue	C	**3SB31 11-2DA51**		1	1 unit	102	0.035
		Clear	B	**3SB31 11-2DA71**		1	1 unit	102	0.031
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type	**Non-illuminated**	Black	B	**3SB31 10-2EA11**		1	1 unit	102	0.030
		Red	B	**3SB31 10-2EA21**		1	1 unit	102	0.030
		Green	C	**3SB31 10-2EA41**		1	1 unit	102	0.030
		White	C	**3SB31 10-2EA61**		1	1 unit	102	0.030
	Illuminated including holder for 3 elements	Red	C	**3SB31 11-2EA21**		1	1 unit	102	0.031
		Yellow	C	**3SB31 11-2EA31**		1	1 unit	102	0.026
		Green	B	**3SB31 11-2EA41**		1	1 unit	102	0.031
		Blue	C	**3SB31 11-2EA51**		1	1 unit	102	0.031
		Clear	B	**3SB31 11-2EA71**		1	1 unit	102	0.031
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type to the left, latching to the right	**Non-illuminated**	Black	B	**3SB31 10-2GA11**		1	1 unit	102	0.030
		Green	C	**3SB31 10-2GA41**		1	1 unit	102	0.030
		White	B	**3SB31 10-2GA61**		1	1 unit	102	0.037
Switching sequence I-O-II 2 x 50° operating angle, latching to the left, momentary contact type to the right	**Non-illuminated**	Black	B	**3SB31 10-2FA11**		1	1 unit	102	0.033
		Red	C	**3SB31 10-2FA21**		1	1 unit	102	0.032
		Green	B	**3SB31 10-2FA41**		1	1 unit	102	0.050

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

* You can order this quantity or a multiple thereof.

Version	Version key-operated switch: Type	Lock No./ color	Key removal position	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Key-operated switches with holder[1]										
Key-operated switches with 2 keys and 2 switch positions										
Switching sequence O-I, 50° operating angle, latching	RONIS	SB 30	O+I	B	**3SB31 10-4AD11**		1	1 unit	102	0.061
			O	B	**3SB31 10-4AD01**		1	1 unit	102	0.061
			I	B	**3SB31 10-4AD21**		1	1 unit	102	0.061
	CES	SSG 10	O+I	B	**3SB31 10-4LD11**		1	1 unit	102	0.141
			O	B	**3SB31 10-4LD01**		1	1 unit	102	0.144
			I	B	**3SB31 10-4LD21**		1	1 unit	102	0.145
		LSG 1	O	C	**3SB31 10-4LF01**		1	1 unit	102	0.140
	IKON	360012 K1	O	B	**3SB31 10-5LD01**		1	1 unit	102	0.151
	BKS	S1	O+I	B	**3SB31 10-5AD11**		1	1 unit	102	0.140
			O	B	**3SB31 10-5AD01**		1	1 unit	102	0.143
		E1 for VW[2]	O+I	C	**3SB31 10-5AE01**		1	1 unit	102	0.125
		E2 for VW[2]	O	B	**3SB31 10-5AE31**		1	1 unit	102	0.130
		E7 for VW[2]	O+I	B	**3SB31 10-5AE41**		1	1 unit	102	0.126
			O	B	**3SB31 10-5AE51**		1	1 unit	102	0.128
		E9 for VW[2]	O	B	**3SB31 10-5AE71**		1	1 unit	102	0.130
	O.M.R.[3]	73038 Light blue	O+I	B	**3SB31 10-3AG11**		1	1 unit	102	0.128
			O	B	**3SB31 10-3AG01**		1	1 unit	102	0.129
		73037 Red	O+I	B	**3SB31 10-3AH11**		1	1 unit	102	0.135
			O	B	**3SB31 10-3AH01**		1	1 unit	102	0.127
		73034 Black	O+I	B	**3SB31 10-3AJ11**		1	1 unit	102	0.127
			O	B	**3SB31 10-3AJ01**		1	1 unit	102	0.129
		73033 Yellow	O+I	B	**3SB31 10-3AK11**		1	1 unit	102	0.126
			O	B	**3SB31 10-3AK01**		1	1 unit	102	0.129
Switching sequence O-I, 50° operating angle, momentary contact type	RONIS	SB 30	O	B	**3SB31 10-4BD01**		1	1 unit	102	0.061
	CES	SSG 10	O	B	**3SB31 10-4MD01**		1	1 unit	102	0.145
	IKON	360012 K1	O	C	**3SB31 10-5MD01**		1	1 unit	102	0.151
	BKS	S1	O	C	**3SB31 10-5BD01**		1	1 unit	102	0.142
	O.M.R.[3]	73034 Black	O	B	**3SB31 10-3BJ01**		1	1 unit	102	0.127

RONIS key-operated switch

CES key-operated switch

O.M.R. key-operated switch

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) Supplied without the key.

3) In accordance with FIAT standards; also available for other users.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Plastic, Square

Actuators and indicators

Version	Version key-operated switch: Type	Lock No./ color	Key removal position	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Key-operated switches with holder[1]										
Key-operated switches with 2 keys and 3 switch positions										
Switching sequence I-O-II, 2 x 50° operating angle, latching	RONIS	SB 30	I+O+II	B	**3SB31 10-4DD11**		1	1 unit	102	0.062
			O	B	**3SB31 10-4DD01**		1	1 unit	102	0.062
			I+II	B	**3SB31 10-4DD41**		1	1 unit	102	0.061
	CES	SSG 10	I+O+II	B	**3SB31 10-4PD11**		1	1 unit	102	0.142
			O	B	**3SB31 10-4PD01**		1	1 unit	102	0.145
	O.M.R.[2]	73037 Red	O	C	**3SB31 10-3DH01**		1	1 unit	102	0.127
		73034 Black	I+O+II	C	**3SB31 10-3DJ11**		1	1 unit	102	0.128
Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type	RONIS Flat	SB 30	O	B	**3SB31 10-4ED01**		1	1 unit	102	0.062
	CES	SSG 10	O	B	**3SB31 10-4QD01**		1	1 unit	102	0.145
Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type to the left, latching to the right	CES	SSG 10	O	B	**3SB31 10-4SD01**		1	1 unit	102	0.145
Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type to the left, latching to the right	RONIS	SB 30	O	C	**3SB31 10-4FD01**		1	1 unit	102	0.062
	CES	SSG 10	O+I	C	**3SB31 10-4RD51**		1	1 unit	102	0.144

RONIS key-operated switch

CES key-operated switch

O.M.R. key-operated switch

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) In accordance with FIAT standards; also available for other users.

*** You can order this quantity or a multiple thereof.**

Version	Color of actuator	Approval	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
EMERGENCY-STOP commanding devices acc. to ISO 13850/EN 418 and IEC 60947-5-5 with holder[1)2)], Can also be used with 3TK28 safety combinations									
EMERGENCY-STOP mushroom pushbutton									
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching acc. to EN 418, with rotate-to-unlatch mechanism	Red	96 4041	B	**3SB31 10-1HA20**		1	1 unit	102	0.056
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with RONIS key-operated switch (with 2 keys), lock No. SB 30, with positive latching acc. to EN 418, unlocking only possible using key	Red	96 4042	B	**3SB31 10-1BA20**		1	1 unit	102	0.114
EMERGENCY-STOP mushroom pushbutton with key-operated switch									
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with CWS key-operated switch (with 2 keys), lock No. SSG 10, with positive latching acc. to EN 418, unlocking only possible using key	Red	96 4042	B	**3SB31 10-1KA20**		1	1 unit	102	0.118
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with BKS key-operated switch (with 2 keys), lock No. S1, with positive latching acc. to EN 418, unlocking only possible using key	Red	96 4042	B	**3SB31 10-1LA20**		1	1 unit	102	0.118
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with O.M.R. key-operated switch (with 2 keys), lock No. 73037 with positive latching acc. to EN 418, unlocking using key	Red	96 4042	B	**3SB31 10-1MA20**		1	1 unit	102	0.125

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

2) The yellow backing plates must be ordered separately, see Accessories.

Version	Color of lens	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Signaling elements with holder[1)]								
Indicator light								
Indicator lights	Red	B	**3SB31 11-6AA20**		1	1 unit	102	0.024
	Yellow	B	**3SB31 11-6AA30**		1	1 unit	102	0.024
	Green	B	**3SB31 11-6AA40**		1	1 unit	102	0.024
	Blue	B	**3SB31 11-6AA50**		1	1 unit	102	0.024
	Clear	B	**3SB31 11-6AA70**		1	1 unit	102	0.024
	White	B	**3SB31 11-6AA60**		1	1 unit	102	0.024

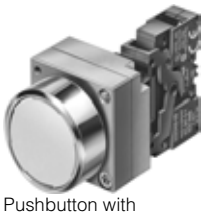
1) Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Metal, Round

Complete units

Selection and ordering data

Version	Rated voltage of lamp	Color of actuator	Contacts for front plate mounting	DT	Screw connection Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
 Pushbutton with flat button										
Pushbuttons with flat button		Black	1 NO	▶	**3SB36 02-0AA11**		1	1 unit	102	0.092
		Black	1 NC	B	**3SB36 03-0AA11**		1	1 unit	102	0.092
		Red	1 NC	▶	**3SB36 03-0AA21**		1	1 unit	102	0.092
		Yellow	1 NO	B	**3SB36 02-0AA31**		1	1 unit	102	0.092
		Green	1 NO	▶	**3SB36 02-0AA41**		1	1 unit	102	0.092
		Blue	1 NO	B	**3SB36 02-0AA51**		1	1 unit	102	0.092
		White	1 NO	▶	**3SB36 02-0AA61**		1	1 unit	102	0.092
		Black	1 NO + 1 NC	B	**3SB36 01-0AA11**		1	1 unit	102	0.099
		Red	1 NO + 1 NC	B	**3SB36 01-0AA21**		1	1 unit	102	0.100
		Yellow	1 NO + 1 NC	B	**3SB36 01-0AA31**		1	1 unit	102	0.100
		Green	1 NO + 1 NC	B	**3SB36 01-0AA41**		1	1 unit	102	0.100
		Blue	1 NO + 1 NC	B	**3SB36 01-0AA51**		1	1 unit	102	0.100
		White	1 NO + 1 NC	B	**3SB36 01-0AA61**		1	1 unit	102	0.097
 Illuminated pushbutton with flat button										
Illuminated pushbuttons with flat button										
With integral LED	24 AC/DC	Red[1]	1 NC	▶	**3SB36 46-0AA21**		1	1 unit	102	0.103
		Yellow[1]	1 NO	B	**3SB36 45-0AA31**		1	1 unit	102	0.102
		Green[1]	1 NO	▶	**3SB36 45-0AA41**		1	1 unit	102	0.103
		Blue[1]	1 NO	B	**3SB36 45-0AA51**		1	1 unit	102	0.103
		White	1 NO	B	**3SB36 45-0AA61**		1	1 unit	102	0.103
		Clear[1]	1 NO	▶	**3SB36 45-0AA71**		1	1 unit	102	0.104
		Red[1]	1 NO + 1 NC	B	**3SB36 47-0AA21**		1	1 unit	102	0.110
		Yellow[1]	1 NO + 1 NC	B	**3SB36 47-0AA31**		1	1 unit	102	0.110
		Green[1]	1 NO + 1 NC	B	**3SB36 47-0AA41**		1	1 unit	102	0.110
		Blue[1]	1 NO + 1 NC	B	**3SB36 47-0AA51**		1	1 unit	102	0.107
		White	1 NO + 1 NC	B	**3SB36 47-0AA61**		1	1 unit	102	0.110
		Clear[1]	1 NO + 1 NC	B	**3SB36 47-0AA71**		1	1 unit	102	0.109
With integral LED	110 AC	Red[1]	1 NC	B	**3SB36 50-0AA21**		1	1 unit	102	0.103
		Yellow[1]	1 NO	B	**3SB36 57-0AA31**		1	1 unit	102	0.103
		Green[1]	1 NO	B	**3SB36 57-0AA41**		1	1 unit	102	0.103
		Blue[1]	1 NO	B	**3SB36 57-0AA51**		1	1 unit	102	0.109
		White	1 NO	B	**3SB36 57-0AA61**		1	1 unit	102	0.099
		Clear[1]	1 NO	B	**3SB36 57-0AA71**		1	1 unit	102	0.095
		Red[1]	1 NO + 1 NC	B	**3SB36 51-0AA21**		1	1 unit	102	0.111
		Yellow[1]	1 NO + 1 NC	B	**3SB36 51-0AA31**		1	1 unit	102	0.103
		Green[1]	1 NO + 1 NC	B	**3SB36 51-0AA41**		1	1 unit	102	0.108
		Blue[1]	1 NO + 1 NC	D	**3SB36 51-0AA51**		1	1 unit	102	0.103
		White	1 NO + 1 NC	B	**3SB36 51-0AA61**		1	1 unit	102	0.102
		Clear[1]	1 NO + 1 NC	D	**3SB36 51-0AA71**		1	1 unit	102	0.107
With integral LED	230 AC	Red[1]	1 NC	▶	**3SB36 54-0AA21**		1	1 unit	102	0.104
		Yellow[1]	1 NO	B	**3SB36 53-0AA31**		1	1 unit	102	0.103
		Green[1]	1 NO	▶	**3SB36 53-0AA41**		1	1 unit	102	0.104
		Blue[1]	1 NO	B	**3SB36 53-0AA51**		1	1 unit	102	0.103
		White	1 NO	B	**3SB36 53-0AA61**		1	1 unit	102	0.101
		Clear[1]	1 NO	▶	**3SB36 53-0AA71**		1	1 unit	102	0.101
		Red[1]	1 NO + 1 NC	B	**3SB36 55-0AA21**		1	1 unit	102	0.110
		Yellow[1]	1 NO + 1 NC	B	**3SB36 55-0AA31**		1	1 unit	102	0.106
		Green[1]	1 NO + 1 NC	B	**3SB36 55-0AA41**		1	1 unit	102	0.108
		Blue[1]	1 NO + 1 NC	D	**3SB36 55-0AA51**		1	1 unit	102	0.102
		White	1 NO + 1 NC	B	**3SB36 55-0AA61**		1	1 unit	102	0.108
		Clear[1]	1 NO + 1 NC	B	**3SB36 55-0AA71**		1	1 unit	102	0.102
With BA 9s lampholder (without lamp)	--	Red[1]	1 NC	B	**3SB36 07-0AA21**		1	1 unit	102	0.104
		Yellow[1]	1 NO	B	**3SB36 06-0AA31**		1	1 unit	102	0.102
		Green[1]	1 NO	B	**3SB36 06-0AA41**		1	1 unit	102	0.102
		Blue[1]	1 NO	B	**3SB36 06-0AA51**		1	1 unit	102	0.102
		White	1 NO	B	**3SB36 06-0AA61**		1	1 unit	102	0.102
		Clear[1]	1 NO	B	**3SB36 06-0AA71**		1	1 unit	102	0.103
		Red[1]	1 NO + 1 NC	B	**3SB36 05-0AA21**		1	1 unit	102	0.107
		Yellow[1]	1 NO + 1 NC	B	**3SB36 05-0AA31**		1	1 unit	102	0.108
		Green[1]	1 NO + 1 NC	B	**3SB36 05-0AA41**		1	1 unit	102	0.110
		Blue[1]	1 NO + 1 NC	B	**3SB36 05-0AA51**		1	1 unit	102	0.107
		White	1 NO + 1 NC	B	**3SB36 05-0AA61**		1	1 unit	102	0.109
		Clear[1]	1 NO + 1 NC	B	**3SB36 05-0AA71**		1	1 unit	102	0.109

1) Inscription is possible by inserting a label.

* You can order this quantity or a multiple thereof.

Complete units

Illuminated pushbutton with flat button

Version	Rated voltage of lamp	Color of actuator	Contacts for front plate mounting	DT	Screw connection Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Illuminated pushbuttons with flat button with solvent-resistant button Not suitable for laser inscription, with integral LED	24 V AC/DC	Red	1 NC	B	**3SB36 46-0AA21-0PA0**		1	1 unit	102	0.103
		Yellow	1 NO	B	**3SB36 45-0AA31-0PA0**		1	1 unit	102	0.102
		Green	1 NO	B	**3SB36 45-0AA41-0PA0**		1	1 unit	102	0.103
		Blue	1 NO	B	**3SB36 45-0AA51-0PA0**		1	1 unit	102	0.103
		White	1 NO	B	**3SB36 45-0AA61-0PA0**		1	1 unit	102	0.103
		Clear	1 NO	B	**3SB36 45-0AA71-0PA0**		1	1 unit	102	0.104
		Red	1 NO + 1 NC	B	**3SB36 47-0AA21-0PA0**		1	1 unit	102	0.110
		Yellow	1 NO + 1 NC	B	**3SB36 47-0AA31-0PA0**		1	1 unit	102	0.110
		Green	1 NO + 1 NC	B	**3SB36 47-0AA41-0PA0**		1	1 unit	102	0.110
		Blue	1 NO + 1 NC	B	**3SB36 47-0AA51-0PA0**		1	1 unit	102	0.107
		White	1 NO + 1 NC	B	**3SB36 47-0AA61-0PA0**		1	1 unit	102	0.110
		Clear	1 NO + 1 NC	B	**3SB36 47-0AA71-0PA0**		1	1 unit	102	0.109

Pushbutton with flat button

Illuminated pushbutton with flat button

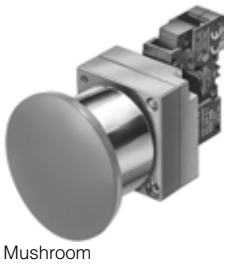
Version	Rated voltage of lamp	Color of actuator	Contacts for front plate mounting	DT	Spring-loaded terminals Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Pushbuttons with flat button	--	Black	1 NO	C	**3SB36 02-0AA11-0CC0**		1	1 unit	102	0.092
		Black	1 NC	C	**3SB36 03-0AA11-0CC0**		1	1 unit	102	0.092
		Red	1 NC	C	**3SB36 03-0AA21-0CC0**		1	1 unit	102	0.092
		Yellow	1 NO	C	**3SB36 02-0AA31-0CC0**		1	1 unit	102	0.092
		Green	1 NO	C	**3SB36 02-0AA41-0CC0**		1	1 unit	102	0.092
		Blue	1 NO	C	**3SB36 02-0AA51-0CC0**		1	1 unit	102	0.092
		White	1 NO	C	**3SB36 02-0AA61-0CC0**		1	1 unit	102	0.092
		Black	1 NO + 1 NC	C	**3SB36 01-0AA11-0CC0**		1	1 unit	102	0.099
		Red	1 NO + 1 NC	C	**3SB36 01-0AA21-0CC0**		1	1 unit	102	0.100
		Yellow	1 NO + 1 NC	C	**3SB36 01-0AA31-0CC0**		1	1 unit	102	0.100
		Green	1 NO + 1 NC	C	**3SB36 01-0AA41-0CC0**		1	1 unit	102	0.100
		Blue	1 NO + 1 NC	C	**3SB36 01-0AA51-0CC0**		1	1 unit	102	0.100
		White	1 NO + 1 NC	C	**3SB36 01-0AA61-0CC0**		1	1 unit	102	0.097
Illuminated pushbuttons with flat button										
With integral LED	24 AC/DC	Red[1]	1 NC	C	**3SB36 46-0AA21-0CC0**		1	1 unit	102	0.103
		Yellow[1]	1 NO	C	**3SB36 45-0AA31-0CC0**		1	1 unit	102	0.102
		Green[1]	1 NO	C	**3SB36 45-0AA41-0CC0**		1	1 unit	102	0.103
		Blue[1]	1 NO	C	**3SB36 45-0AA51-0CC0**		1	1 unit	102	0.103
		White	1 NO	C	**3SB36 45-0AA61-0CC0**		1	1 unit	102	0.103
		Clear[1]	1 NO	C	**3SB36 45-0AA71-0CC0**		1	1 unit	102	0.104
		Red[1]	1 NO + 1 NC	C	**3SB36 47-0AA21-0CC0**		1	1 unit	102	0.110
		Yellow[1]	1 NO + 1 NC	C	**3SB36 47-0AA31-0CC0**		1	1 unit	102	0.110
		Green[1]	1 NO + 1 NC	C	**3SB36 47-0AA41-0CC0**		1	1 unit	102	0.110
		Blue[1]	1 NO + 1 NC	C	**3SB36 47-0AA51-0CC0**		1	1 unit	102	0.107
		White	1 NO + 1 NC	C	**3SB36 47-0AA61-0CC0**		1	1 unit	102	0.110
		Clear[1]	1 NO + 1 NC	C	**3SB36 47-0AA71-0CC0**		1	1 unit	102	0.109
With integral LED	230 AC	Red[1]	1 NC	C	**3SB36 54-0AA21-0CC0**		1	1 unit	102	0.104
		Yellow[1]	1 NO	C	**3SB36 53-0AA31-0CC0**		1	1 unit	102	0.103
		Green[1]	1 NO	C	**3SB36 53-0AA41-0CC0**		1	1 unit	102	0.104
		Blue[1]	1 NO	C	**3SB36 53-0AA51-0CC0**		1	1 unit	102	0.103
		White	1 NO	C	**3SB36 53-0AA61-0CC0**		1	1 unit	102	0.101
		Clear[1]	1 NO	C	**3SB36 53-0AA71-0CC0**		1	1 unit	102	0.101
		Red[1]	1 NO + 1 NC	C	**3SB36 55-0AA21-0CC0**		1	1 unit	102	0.110
		Yellow[1]	1 NO + 1 NC	C	**3SB36 55-0AA31-0CC0**		1	1 unit	102	0.106
		Green[1]	1 NO + 1 NC	C	**3SB36 55-0AA41-0CC0**		1	1 unit	102	0.108
		Blue[1]	1 NO + 1 NC	C	**3SB36 55-0AA51-0CC0**		1	1 unit	102	0.102
		White	1 NO + 1 NC	C	**3SB36 55-0AA61-0CC0**		1	1 unit	102	0.108
		Clear[1]	1 NO + 1 NC	C	**3SB36 55-0AA71-0CC0**		1	1 unit	102	0.102
With BA 9s lampholder (without lamp)	--	Red[1]	1 NC	C	**3SB36 07-0AA21-0CC0**		1	1 unit	102	0.104
		Yellow[1]	1 NO	C	**3SB36 06-0AA31-0CC0**		1	1 unit	102	0.102
		Green[1]	1 NO	C	**3SB36 06-0AA41-0CC0**		1	1 unit	102	0.102
		Blue[1]	1 NO	C	**3SB36 06-0AA51-0CC0**		1	1 unit	102	0.102
		White	1 NO	C	**3SB36 06-0AA61-0CC0**		1	1 unit	102	0.102
		Clear[1]	1 NO	B	**3SB36 06-0AA71-0CC0**		1	1 unit	102	0.103
		Red[1]	1 NO + 1 NC	C	**3SB36 05-0AA21-0CC0**		1	1 unit	102	0.107
		Yellow[1]	1 NO + 1 NC	C	**3SB36 05-0AA31-0CC0**		1	1 unit	102	0.108
		Green[1]	1 NO + 1 NC	C	**3SB36 05-0AA41-0CC0**		1	1 unit	102	0.110
		Blue[1]	1 NO + 1 NC	C	**3SB36 05-0AA51-0CC0**		1	1 unit	102	0.107
		White	1 NO + 1 NC	C	**3SB36 05-0AA61-0CC0**		1	1 unit	102	0.109
		Clear[1]	1 NO + 1 NC	C	**3SB36 05-0AA71-0CC0**		1	1 unit	102	0.109

1) Inscription is possible by inserting a label.

*** You can order this quantity or a multiple thereof.**

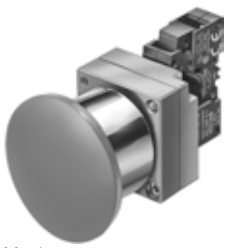
Actuators and Indicators, Metal, Round

Complete units

	Version	Color of actuator	Contacts for front plate mounting	DT	Screw connection Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
 Mushroom push-pull-button	**Mushroom push-pull buttons, Ø 40 mm, latching** With pull-to-unlatch mechanism	Red	1 NC	B	**3SB36 03-1CA21**		1	1 unit	102	0.100
			1 NO + 1 NC	B	**3SB36 01-1CA21**		1	1 unit	102	0.107
EMERGENCY-STOP commanding devices acc. to ISO 13850/EN 418, with yellow name plate, Ø 80 mm, labeled[1]. Can also be used with 3TK28 safety combinations										
EMERGENCY-STOP mushroom pushbutton Rotate-to-unlatch mechanism	**Mushroom push-buttons, Ø 40 mm with positive latching** With rotate-to-unlatch mechanism	Red	1 NC → 2)	B	**3SB36 03-1HA20**		1	1 unit	102	0.131
			1 NO + 1 NC → 2)	B	**3SB36 01-1HA20**		1	1 unit	102	0.137
	Mushroom push-buttons, Ø 40 mm with positive latching With pull-to-unlatch mechanism	Red	1 NC → 2)	B	**3SB36 03-1TA20**		1	1 unit	102	0.131
			1 NO + 1 NC → 2)	B	**3SB36 01-1TA20**		1	1 unit	102	0.137

1) Inscription "EMERGENCY STOP".

2) Positive opening according to IEC 60947-5-1, Appendix K.

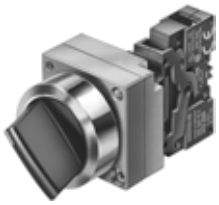
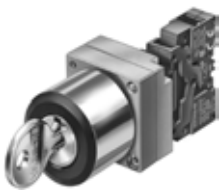
	Version	Color of actuator	Contacts for front plate mounting	DT	Spring-loaded terminals Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
 Mushroom push-pull-button	**Mushroom push-pull buttons, Ø 40 mm, latching** With pull-to-unlatch mechanism	Red	1 NC	C	**3SB36 03-1CA21-0CC0**		1	1 unit	102	0.100
			1 NO + 1 NC	C	**3SB36 01-1CA21-0CC0**		1	1 unit	102	0.107
EMERGENCY-STOP commanding devices acc. to ISO 13850/EN 418, with yellow name plate, Ø 80 mm, labeled[1]. Can also be used with 3TK28 safety combinations										
EMERGENCY-STOP mushroom pushbutton Pull-to-unlatch mechanism	**Mushroom push-buttons, Ø 40 mm with positive latching** With rotate-to-unlatch mechanism	Red	1 NC → 2)	C	**3SB36 03-1HA20-0CC0**		1	1 unit	102	0.131
			1 NO + 1 NC → 2)	B	**3SB36 01-1HA20-0CC0**		1	1 unit	102	0.137
	Mushroom push-buttons, Ø 40 mm with positive latching With pull-to-unlatch mechanism	Red	1 NC → 2)	C	**3SB36 03-1TA20-0CC0**		1	1 unit	102	0.131
			1 NO + 1 NC → 2)	C	**3SB36 01-1TA20-0CC0**		1	1 unit	102	0.137

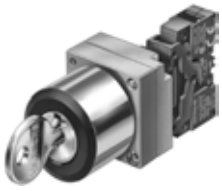
1) Inscription "EMERGENCY STOP".

2) Positive opening according to IEC 60947-5-1, Appendix K.

* You can order this quantity or a multiple thereof.

Complete units

Version	Color of actuator/ lock No.	Contacts for front plate mounting	DT	Screw connection Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
 Selector switch **Selector switches, 2 switch positions** Switching sequence O-I, 50° operating angle, latching	Black, **standard version**	1 NO	▶	**3SB36 02-2KA11**		1	1 unit	102	0.095
		1 NO + 1 NC	B	**3SB36 01-2KA11**		1	1 unit	102	0.102
	Black, **heavy-duty version**	1 NO	C	**3SB36 02-2PA11**		1	1 unit	102	0.111
		1 NO + 1 NC	C	**3SB36 01-2PA11**		1	1 unit	102	0.119
Selector switches, 3 switch positions Switching sequence I-O-II, 2 x 50° operating angle, latching	Black, **standard version**	1 NO, 1 NO	▶	**3SB36 10-2DA11**		1	1 unit	102	0.105
		1 NO + 1 NC, 1 NO + 1 NC	▶	**3SB36 08-2DA11**		1	1 unit	102	0.120
	Black, **heavy-duty version**	1 NO, 1 NO	C	**3SB36 10-2SA11**		1	1 unit	102	0.123
		1 NO + 1 NC, 1 NO + 1 NC	C	**3SB36 08-2SA11**		1	1 unit	102	0.134
Momentary-contact type	Black, **standard version**	1 NO, 1 NO	▶	**3SB36 10-2EA11**		1	1 unit	102	0.106
		1 NO + 1 NC, 1 NO + 1 NC	B	**3SB36 08-2EA11**		1	1 unit	102	0.119
	Black, **heavy-duty version**	1 NO, 1 NO	C	**3SB36 10-2TA11**		1	1 unit	102	0.122
		1 NO + 1 NC, 1 NO + 1 NC	C	**3SB36 08-2TA11**		1	1 unit	102	0.135
 RONIS key-operated switch **RONIS key-operated switches, 2 switch positions,** key can be removed in any position, switching sequence O-I, 50° operating angle, latching	SB 30	1 NO + 1 NC	B	**3SB36 01-4AD11**		1	1 unit	102	0.124
		1 NO	▶	**3SB36 02-4AD11**		1	1 unit	102	0.119

Version	Color of actuator/ lock No.	Contacts for front plate mounting	DT	Spring-loaded terminals Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Selector switch **Selector switches, 2 switch positions** Switching sequence O-I, 50° operating angle, latching	Black, **standard version**	1 NO	C	**3SB36 02-2KA11-0CC0**		1	1 unit	102	0.095
		1 NO + 1 NC	C	**3SB36 01-2KA11-0CC0**		1	1 unit	102	0.102
Selector switches, 3 switch positions Switching sequence I-O-II, 2 x 50° operating angle, latching	Black, **standard version**	1 NO, 1 NO	C	**3SB36 10-2DA11-0CC0**		1	1 unit	102	0.105
		1 NO + 1 NC, 1 NO + 1 NC	C	**3SB36 08-2DA11-0CC0**		1	1 unit	102	0.120
Momentary-contact type	Black, **standard version**	1 NO, 1 NO	C	**3SB36 10-2EA11-0CC0**		1	1 unit	102	0.106
		1 NO + 1 NC, 1 NO + 1 NC	C	**3SB36 08-2EA11-0CC0**		1	1 unit	102	0.119
 RONIS key-operated switch **RONIS key-operated switches, 2 switch positions,** key can be removed in any position, switching sequence O-I, 50° operating angle, latching	SB 30	1 NO + 1 NC	C	**3SB36 01-4AD11-0CC0**		1	1 unit	102	0.124
		1 NO	C	**3SB36 02-4AD11-0CC0**		1	1 unit	102	0.119

* You can order this quantity or a multiple thereof.

Actuators and Indicators, Metal, Round

Complete units

Indicator light

Version	Rated voltage of lamp	Color of lens	DT	Screw connection		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
				Order No.	Price per PU				
	V								kg
Indicator lights with lens with concentric rings[1] With integral LED	24 AC/DC	Red	▶	**3SB36 44-6BA20**		1	1 unit	102	0.080
		Yellow	B	**3SB36 44-6BA30**		1	1 unit	102	0.080
		Green	▶	**3SB36 44-6BA40**		1	1 unit	102	0.079
		Blue	B	**3SB36 44-6BA50**		1	1 unit	102	0.080
		White	B	**3SB36 44-6BA60**		1	1 unit	102	0.080
		Clear	▶	**3SB36 44-6BA70**		1	1 unit	102	0.080
	110 AC	Red	B	**3SB36 48-6BA20**		1	1 unit	102	0.081
		Yellow	B	**3SB36 48-6BA30**		1	1 unit	102	0.081
		Green	B	**3SB36 48-6BA40**		1	1 unit	102	0.081
		Blue	B	**3SB36 48-6BA50**		1	1 unit	102	0.080
		White	B	**3SB36 48-6BA60**		1	1 unit	102	0.081
		Clear	B	**3SB36 48-6BA70**		1	1 unit	102	0.075
	230 AC	Red	▶	**3SB36 52-6BA20**		1	1 unit	102	0.081
		Yellow	B	**3SB36 52-6BA30**		1	1 unit	102	0.081
		Green	▶	**3SB36 52-6BA40**		1	1 unit	102	0.081
		Blue	B	**3SB36 52-6BA50**		1	1 unit	102	0.079
		White	B	**3SB36 52-6BA60**		1	1 unit	102	0.081
		Clear	▶	**3SB36 52-6BA70**		1	1 unit	102	0.081
With BA 9s lampholder, (without lamp)	--	Red	B	**3SB36 04-6BA20**		1	1 unit	102	0.079
		Yellow	B	**3SB36 04-6BA30**		1	1 unit	102	0.079
		Green	B	**3SB36 04-6BA40**		1	1 unit	102	0.080
		Blue	B	**3SB36 04-6BA50**		1	1 unit	102	0.079
		White	B	**3SB36 04-6BA60**		1	1 unit	102	0.079
		Clear	B	**3SB36 04-6BA70**		1	1 unit	102	0.077

Indicator light

Version	Rated voltage of lamp	Color of lens	DT	Spring-loaded terminals		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
				Order No.	Price per PU				
	V								kg
Indicator lights with lens with concentric rings[1] With integral LED	24 AC/DC	Red	C	**3SB36 44-6BA20-0CC0**		1	1 unit	102	0.080
		Yellow	C	**3SB36 44-6BA30-0CC0**		1	1 unit	102	0.080
		Green	C	**3SB36 44-6BA40-0CC0**		1	1 unit	102	0.079
		Blue	C	**3SB36 44-6BA50-0CC0**		1	1 unit	102	0.080
		White	C	**3SB36 44-6BA60-0CC0**		1	1 unit	102	0.080
		Clear	C	**3SB36 44-6BA70-0CC0**		1	1 unit	102	0.080
	230 AC	Red	C	**3SB36 52-6BA20-0CC0**		1	1 unit	102	0.081
		Yellow	C	**3SB36 52-6BA30-0CC0**		1	1 unit	102	0.081
		Green	C	**3SB36 52-6BA40-0CC0**		1	1 unit	102	0.081
		Blue	C	**3SB36 52-6BA50-0CC0**		1	1 unit	102	0.079
		White	C	**3SB36 52-6BA60-0CC0**		1	1 unit	102	0.081
		Clear	C	**3SB36 52-6BA70-0CC0**		1	1 unit	102	0.081
With BA 9s lampholder, (without lamp)	--	Red	C	**3SB36 04-6BA20-0CC0**		1	1 unit	102	0.079
		Yellow	C	**3SB36 04-6BA30-0CC0**		1	1 unit	102	0.079
		Green	C	**3SB36 04-6BA40-0CC0**		1	1 unit	102	0.080
		Blue	C	**3SB36 04-6BA50-0CC0**		1	1 unit	102	0.079
		White	C	**3SB36 04-6BA60-0CC0**		1	1 unit	102	0.079
		Clear	C	**3SB36 04-6BA70-0CC0**		1	1 unit	102	0.077

1) Inscription is possible by inserting a label.

*** You can order this quantity or a multiple thereof.**

Selection and ordering data

Pushbuttons with holder[1]

Pushbutton with flat button

Pushbutton with raised button

Pushbutton with raised front ring

Illuminated pushbutton with flat button

Illuminated pushbutton with raised button

Version	Inscriptions	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Pushbuttons with flat button		Black	▶	**3SB35 00-0AA11**		1	1 unit	102	0.074
		Red	▶	**3SB35 00-0AA21**		1	1 unit	102	0.074
		Yellow	B	**3SB35 00-0AA31**		1	1 unit	102	0.074
		Green	▶	**3SB35 00-0AA41**		1	1 unit	102	0.074
		Blue	B	**3SB35 00-0AA51**		1	1 unit	102	0.074
		White	▶	**3SB35 00-0AA61**		1	1 unit	102	0.074
		Gray	B	**3SB35 00-0AB51**		1	1 unit	102	0.073
		Clear[2]	B	**3SB35 00-0AA71**		1	1 unit	102	0.074
	I	Green	B	**3SB35 00-0AA81**		1	1 unit	102	0.074
	O	Red	B	**3SB35 00-0AB01**		1	1 unit	102	0.074
	I	White	B	**3SB35 00-0AB11**		1	1 unit	102	0.074
	O	Black	B	**3SB35 00-0AB21**		1	1 unit	102	0.074
Pushbuttons with raised button		Black	B	**3SB35 00-0BA11**		1	1 unit	102	0.075
		Red	B	**3SB35 00-0BA21**		1	1 unit	102	0.075
		Yellow	B	**3SB35 00-0BA31**		1	1 unit	102	0.075
		Green	B	**3SB35 00-0BA41**		1	1 unit	102	0.074
		Blue	B	**3SB35 00-0BA51**		1	1 unit	102	0.076
		White	B	**3SB35 00-0BA61**		1	1 unit	102	0.075
Pushbuttons with raised front ring (height 15.5 mm)		Black	B	**3SB35 00-0AA12**		1	1 unit	102	0.079
		Red	B	**3SB35 00-0AA22**		1	1 unit	102	0.079
		Yellow	B	**3SB35 00-0AA32**		1	1 unit	102	0.074
		Green	B	**3SB35 00-0AA42**		1	1 unit	102	0.081
		Blue	B	**3SB35 00-0AA52**		1	1 unit	102	0.079
		White	B	**3SB35 00-0AA62**		1	1 unit	102	0.079
Illuminated pushbuttons with flat button Including holder for 3 elements		Red[2]	▶	**3SB35 01-0AA21**		1	1 unit	102	0.075
		Yellow[2]	B	**3SB35 01-0AA31**		1	1 unit	102	0.075
		Green[2]	▶	**3SB35 01-0AA41**		1	1 unit	102	0.075
		Blue[2]	B	**3SB35 01-0AA51**		1	1 unit	102	0.075
		White	B	**3SB35 01-0AA61**		1	1 unit	102	0.075
		Clear[2]	▶	**3SB35 01-0AA71**		1	1 unit	102	0.075
Illuminated pushbuttons with flat button with solvent-resistant button[3] Including holder for 3 elements		Red[2]	C	**3SB35 01-0AA21-0PA0**		1	1 unit	102	0.075
		Yellow[2]	C	**3SB35 01-0AA31-0PA0**		1	1 unit	102	0.075
		Green[2]	C	**3SB35 01-0AA41-0PA0**		1	1 unit	102	0.075
		Blue[2]	C	**3SB35 01-0AA51-0PA0**		1	1 unit	102	0.075
		White	C	**3SB35 01-0AA61-0PA0**		1	1 unit	102	0.075
		Clear[2]	C	**3SB35 01-0AA71-0PA0**		1	1 unit	102	0.075
Illuminated pushbuttons with raised button Including holder for 3 elements		Red	B	**3SB35 01-0BA21**		1	1 unit	102	0.077
		Yellow	B	**3SB35 01-0BA31**		1	1 unit	102	0.077
		Green	B	**3SB35 01-0BA41**		1	1 unit	102	0.076
		Blue	B	**3SB35 01-0BA51**		1	1 unit	102	0.076
		Clear	B	**3SB35 01-0BA71**		1	1 unit	102	0.077
Pushbuttons with flat button, latching, unlatches by pressing again		Black	B	**3SB35 00-0DA11**		1	1 unit	102	0.077
		Red	B	**3SB35 00-0DA21**		1	1 unit	102	0.077
		Yellow	B	**3SB35 00-0DA31**		1	1 unit	102	0.077
		Green	B	**3SB35 00-0DA41**		1	1 unit	102	0.077
		Blue	B	**3SB35 00-0DA51**		1	1 unit	102	0.077
		White	B	**3SB35 00-0DA61**		1	1 unit	102	0.077
		Gray	B	**3SB35 00-0DB51**		1	1 unit	102	0.077
Illuminated pushbuttons with flat button, latching, unlatches by pressing again		Red[2]	B	**3SB35 01-0DA21**		1	1 unit	102	0.078
		Yellow[2]	B	**3SB35 01-0DA31**		1	1 unit	102	0.078
		Green[2]	B	**3SB35 01-0DA41**		1	1 unit	102	0.078
		Blue[2]	B	**3SB35 01-0DA51**		1	1 unit	102	0.078
		White	B	**3SB35 01-0DA61**		1	1 unit	102	0.078
		Clear[2]	B	**3SB35 01-0DA71**		1	1 unit	102	0.078

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

2) Inscription is possible by inserting a label.

3) Not suitable for laser inscription.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Metal, Round

Actuators and indicators

Mushroom pushbuttons with holder[1)]

Version	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Mushroom pushbuttons, Ø 30 mm	Black	B	**3SB35 00-1DA11**		1	1 unit	102	0.080
	Red	B	**3SB35 00-1DA21**		1	1 unit	102	0.081
	Yellow	B	**3SB35 00-1DA31**		1	1 unit	102	0.080
	Green	B	**3SB35 00-1DA41**		1	1 unit	102	0.081
Mushroom pushbuttons, Ø 40 mm	Black	B	**3SB35 00-1GA11**		1	1 unit	102	0.084
	Red	B	**3SB35 00-1GA21**		1	1 unit	102	0.084
	Yellow	B	**3SB35 00-1GA31**		1	1 unit	102	0.084
	Green	B	**3SB35 00-1GA41**		1	1 unit	102	0.084
Mushroom pushbuttons, Ø 60 mm	Black	B	**3SB35 00-1QA11**		1	1 unit	102	0.090
	Red	B	**3SB35 00-1QA21**		1	1 unit	102	0.090
	Yellow	B	**3SB35 00-1QA31**		1	1 unit	102	0.090
	Green	B	**3SB35 00-1QA41**		1	1 unit	102	0.090
Illuminated mushroom pushbuttons, Ø 30 mm including holder for 3 elements	Yellow	B	**3SB35 01-1DA31**		1	1 unit	102	0.080
	Green	B	**3SB35 01-1DA41**		1	1 unit	102	0.079
	White	B	**3SB35 01-1DA61**		1	1 unit	102	0.081
Illuminated mushroom pushbuttons, Ø 40 mm including holder for 3 elements	Yellow	B	**3SB35 01-1GA31**		1	1 unit	102	0.084
	Green	B	**3SB35 01-1GA41**		1	1 unit	102	0.085
	White	B	**3SB35 01-1GA61**		1	1 unit	102	0.085
Illuminated mushroom pushbuttons, Ø 60 mm including holder for 3 elements	Yellow	B	**3SB35 01-1QA31**		1	1 unit	102	0.091
	Green	B	**3SB35 01-1QA41**		1	1 unit	102	0.091
	White	B	**3SB35 01-1QA61**		1	1 unit	102	0.090
Push-pull buttons, Ø 30 mm, latching, with pull-to-unlatch mechanism	Black	B	**3SB35 00-1EA11**		1	1 unit	102	0.081
	Red	B	**3SB35 00-1EA21**		1	1 unit	102	0.080
Push-pull buttons, Ø 40 mm, latching, with pull-to-unlatch mechanism	Black	B	**3SB35 00-1CA11**		1	1 unit	102	0.084
	Red	B	**3SB35 00-1CA21**		1	1 unit	102	0.084
Push-pull buttons, Ø 60 mm, latching, with pull-to-unlatch mechanism	Black	B	**3SB35 00-1RA11**		1	1 unit	102	0.090
	Red	B	**3SB35 00-1RA21**		1	1 unit	102	0.091
Push-pull buttons, Ø 30 mm, latching, with pull-to-unlatch mechanism, **can be illuminated,** including holder for 3 elements	Red	B	**3SB35 01-1EA21**		1	1 unit	102	0.082
	Yellow	B	**3SB35 01-1EA31**		1	1 unit	102	0.080
	Green	B	**3SB35 01-1EA41**		1	1 unit	102	0.080
	Blue	B	**3SB35 01-1EA51**		1	1 unit	102	0.082
	Clear	B	**3SB35 01-1EA71**		1	1 unit	102	0.080
Push-pull buttons, Ø 40 mm, latching, with pull-to-unlatch mechanism, **can be illuminated,** including holder for 3 elements	Red	B	**3SB35 01-1CA21**		1	1 unit	102	0.084
	Yellow	B	**3SB35 01-1CA31**		1	1 unit	102	0.085
	Green	B	**3SB35 01-1CA41**		1	1 unit	102	0.086
	Blue	B	**3SB35 01-1CA51**		1	1 unit	102	0.084
	Clear	B	**3SB35 01-1CA71**		1	1 unit	102	0.084
Push-pull buttons, Ø 60 mm, latching, with pull-to-unlatch mechanism, **can be illuminated,** including holder for 3 elements	Red	B	**3SB35 01-1RA21**		1	1 unit	102	0.092
	Yellow	B	**3SB35 01-1RA31**		1	1 unit	102	0.089
	Green	D	**3SB35 01-1RA41**		1	1 unit	102	0.090
	Blue	B	**3SB35 01-1RA51**		1	1 unit	102	0.120
	Clear	D	**3SB35 01-1RA71**		1	1 unit	102	0.090

Mushroom pushbutton, Ø 30 mm

Mushroom pushbutton, Ø 40 mm

Illuminated mushroom pushbutton, Ø 60 mm

Push-pull button, Ø 30 mm

Push-pull button, Ø 40 mm

Push-pull button, Ø 60 mm, can be illuminated

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

* You can order this quantity or a multiple thereof.

Selector switches with holder

Selector switch, 2 switch positions, standard version

Selector switch, 2 switch positions, heavy-duty version

Selector switch, 2 switch positions, long handle

Version	Illumination	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Selector switches with 2 switch positions									
Switching sequence O-I, 90° operating angle, latching	**Non-illuminated, standard version**[1]	Black	▶	**3SB35 00-2HA11**		1	1 unit	102	0.077
		Red	A	**3SB35 00-2HA21**		1	1 unit	102	0.077
		Green	D	**3SB35 00-2HA41**		1	1 unit	102	0.077
		White	B	**3SB35 00-2HA61**		1	1 unit	102	0.077
Switching sequence O-I, 50° operating angle, latching	**Non-illuminated, standard version**[1]	Black	▶	**3SB35 00-2KA11**		1	1 unit	102	0.078
		Red	B	**3SB35 00-2KA21**		1	1 unit	102	0.078
		Green	B	**3SB35 00-2KA41**		1	1 unit	102	0.078
		White	B	**3SB35 00-2KA61**		1	1 unit	102	0.078
	Illuminated, standard version[1], including holder for 3 elements	Red	B	**3SB35 01-2KA21**		1	1 unit	102	0.078
		Yellow	B	**3SB35 01-2KA31**		1	1 unit	102	0.078
		Green	B	**3SB35 01-2KA41**		1	1 unit	102	0.079
		Blue	B	**3SB35 01-2KA51**		1	1 unit	102	0.079
		Clear	B	**3SB35 01-2KA71**		1	1 unit	102	0.079
	Non-illuminated, heavy-duty version	Black	B	**3SB35 00-2PA11**		1	1 unit	102	0.106
		Red	C	**3SB35 00-2PA21**		1	1 unit	102	0.106
		Green	C	**3SB35 00-2PA41**		1	1 unit	102	0.101
		White	C	**3SB35 00-2PA61**		1	1 unit	102	0.101
	Illuminated, heavy-duty version, including holder for 3 elements	Red	C	**3SB35 01-2PA21**		1	1 unit	102	0.103
		Yellow	C	**3SB35 01-2PA31**		1	1 unit	102	0.102
		Green	C	**3SB35 01-2PA41**		1	1 unit	102	0.106
		Blue	C	**3SB35 01-2PA51**		1	1 unit	102	0.106
		Clear	C	**3SB35 01-2PA71**		1	1 unit	102	0.103
	Non-illuminated, long handle[1]	Black	C	**3SB35 00-3PA11**		1	1 unit	102	0.104
		Red	C	**3SB35 00-3PA21**		1	1 unit	102	0.101
		Green	C	**3SB35 00-3PA41**		1	1 unit	102	0.102
		White	C	**3SB35 00-3PA61**		1	1 unit	102	0.104
	Illuminated, long handle[1], including holder for 3 elements	Red	C	**3SB35 01-3PA21**		1	1 unit	102	0.103
		Yellow	C	**3SB35 01-3PA31**		1	1 unit	102	0.103
		Green	C	**3SB35 01-3PA41**		1	1 unit	102	0.103
		Blue	C	**3SB35 01-3PA51**		1	1 unit	102	0.103
		Clear	C	**3SB35 01-3PA71**		1	1 unit	102	0.103
Switching sequence O-I, 50° operating angle, momentary contact type	**Non-illuminated, standard version**[1]	Black	▶	**3SB35 00-2LA11**		1	1 unit	102	0.078
		Red	B	**3SB35 00-2LA21**		1	1 unit	102	0.075
		Green	B	**3SB35 00-2LA41**		1	1 unit	102	0.076
		White	B	**3SB35 00-2LA61**		1	1 unit	102	0.078
	Illuminated, standard version[1], including holder for 3 elements	Red	B	**3SB35 01-2LA21**		1	1 unit	102	0.080
		Yellow	B	**3SB35 01-2LA31**		1	1 unit	102	0.082
		Green	B	**3SB35 01-2LA41**		1	1 unit	102	0.078
		Blue	B	**3SB35 01-2LA51**		1	1 unit	102	0.077
		Clear	B	**3SB35 01-2LA71**		1	1 unit	102	0.078
	Non-illuminated, heavy-duty version	Black	C	**3SB35 00-2QA11**		1	1 unit	102	0.103
		Red	C	**3SB35 00-2QA21**		1	1 unit	102	0.098
		Green	C	**3SB35 00-2QA41**		1	1 unit	102	0.101
		White	C	**3SB35 00-2QA61**		1	1 unit	102	0.101
	Illuminated, heavy-duty version, including holder for 3 elements	Red	C	**3SB35 01-2QA21**		1	1 unit	102	0.103
		Yellow	C	**3SB35 01-2QA31**		1	1 unit	102	0.102
		Green	C	**3SB35 01-2QA41**		1	1 unit	102	0.103
		Blue	C	**3SB35 01-2QA51**		1	1 unit	102	0.101
		Clear	C	**3SB35 01-2QA71**		1	1 unit	102	0.105
	Non-illuminated, long handle[1]	Black	C	**3SB35 00-3QA11**		1	1 unit	102	0.106
		Red	C	**3SB35 00-3QA21**		1	1 unit	102	0.100
		Green	C	**3SB35 00-3QA41**		1	1 unit	102	0.100
		White	C	**3SB35 00-3QA61**		1	1 unit	102	0.102
	Illuminated, long handle[1], including holder for 3 elements	Red	C	**3SB35 01-3QA21**		1	1 unit	102	0.102
		Yellow	C	**3SB35 01-3QA31**		1	1 unit	102	0.103
		Green	C	**3SB35 01-3QA41**		1	1 unit	102	0.107
		Blue	C	**3SB35 01-3QA51**		1	1 unit	102	0.103
		Clear	C	**3SB35 01-3QA71**		1	1 unit	102	0.103

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Metal, Round

Actuators and indicators

Selector switches with holder

Selector switch, 3 switch positions, standard version

Selector switch, 3 switch positions, heavy-duty version

Selector switch, 3 switch positions, long handle

Selector switches with 3 switch positions

Version	Version lighting	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Switching sequence I-O-II 2 x 50° operating angle, latching	**Non-illuminated, standard version**[1]	Black	▶	**3SB35 00-2DA11**		1	1 unit	102	0.079
		Red	B	**3SB35 00-2DA21**		1	1 unit	102	0.078
		Green	B	**3SB35 00-2DA41**		1	1 unit	102	0.079
		White	B	**3SB35 00-2DA61**		1	1 unit	102	0.075
	Illuminated, standard version[1], including holder for 3 elements	Red	B	**3SB35 01-2DA21**		1	1 unit	102	0.079
		Yellow	B	**3SB35 01-2DA31**		1	1 unit	102	0.079
		Green	B	**3SB35 01-2DA41**		1	1 unit	102	0.079
		Blue	B	**3SB35 01-2DA51**		1	1 unit	102	0.078
		Clear	B	**3SB35 01-2DA71**		1	1 unit	102	0.079
	Non-illuminated, heavy-duty version	Black	B	**3SB35 00-2SA11**		1	1 unit	102	0.104
		Red	C	**3SB35 00-2SA21**		1	1 unit	102	0.101
		Green	C	**3SB35 00-2SA41**		1	1 unit	102	0.101
		White	C	**3SB35 00-2SA61**		1	1 unit	102	0.101
	Illuminated, heavy-duty version, including holder for 3 elements	Red	C	**3SB35 01-2SA21**		1	1 unit	102	0.104
		Yellow	C	**3SB35 01-2SA31**		1	1 unit	102	0.104
		Green	C	**3SB35 01-2SA41**		1	1 unit	102	0.107
		Blue	C	**3SB35 01-2SA51**		1	1 unit	102	0.102
		Clear	C	**3SB35 01-2SA71**		1	1 unit	102	0.103
	Non-illuminated, long handle[1]	Black	C	**3SB35 00-3SA11**		1	1 unit	102	0.104
		Red	C	**3SB35 00-3SA21**		1	1 unit	102	0.102
		Green	C	**3SB35 00-3SA41**		1	1 unit	102	0.102
		White	C	**3SB35 00-3SA61**		1	1 unit	102	0.103
	Illuminated, long handle[1], including holder for 3 elements	Red	C	**3SB35 01-3SA21**		1	1 unit	102	0.103
		Yellow	C	**3SB35 01-3SA31**		1	1 unit	102	0.103
		Green	C	**3SB35 01-3SA41**		1	1 unit	102	0.105
		Blue	C	**3SB35 01-3SA51**		1	1 unit	102	0.103
		Clear	C	**3SB35 01-3SA71**		1	1 unit	102	0.101
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type	**Non-illuminated, standard version**[1]	Black	▶	**3SB35 00-2EA11**		1	1 unit	102	0.079
		Red	B	**3SB35 00-2EA21**		1	1 unit	102	0.076
		Green	B	**3SB35 00-2EA41**		1	1 unit	102	0.077
		White	B	**3SB35 00-2EA61**		1	1 unit	102	0.075
	Illuminated, standard version[1], including holder for 3 elements	Red	B	**3SB35 01-2EA21**		1	1 unit	102	0.079
		Yellow	B	**3SB35 01-2EA31**		1	1 unit	102	0.077
		Green	B	**3SB35 01-2EA41**		1	1 unit	102	0.080
		Blue	B	**3SB35 01-2EA51**		1	1 unit	102	0.079
		Clear	B	**3SB35 01-2EA71**		1	1 unit	102	0.079
	Non-illuminated, heavy-duty version	Black	B	**3SB35 00-2TA11**		1	1 unit	102	0.104
		Red	C	**3SB35 00-2TA21**		1	1 unit	102	0.105
		Green	C	**3SB35 00-2TA41**		1	1 unit	102	0.101
		White	C	**3SB35 00-2TA61**		1	1 unit	102	0.100
	Illuminated, heavy-duty version, including holder for 3 elements	Red	C	**3SB35 01-2TA21**		1	1 unit	102	0.102
		Yellow	C	**3SB35 01-2TA31**		1	1 unit	102	0.107
		Green	C	**3SB35 01-2TA41**		1	1 unit	102	0.101
		Blue	C	**3SB35 01-2TA51**		1	1 unit	102	0.101
		Clear	C	**3SB35 01-2TA71**		1	1 unit	102	0.104
	Non-illuminated, long handle[1]	Black	C	**3SB35 00-3TA11**		1	1 unit	102	0.104
		Red	C	**3SB35 00-3TA21**		1	1 unit	102	0.101
		Green	C	**3SB35 00-3TA41**		1	1 unit	102	0.102
		White	D	**3SB35 00-3TA61**		1	1 unit	102	0.102
	Illuminated, long handle[1], including holder for 3 elements	Red	C	**3SB35 01-3TA21**		1	1 unit	102	0.102
		Yellow	C	**3SB35 01-3TA31**		1	1 unit	102	0.102
		Green	C	**3SB35 01-3TA41**		1	1 unit	102	0.103
		Blue	C	**3SB35 01-3TA51**		1	1 unit	102	0.102
		Clear	C	**3SB35 01-3TA71**		1	1 unit	102	0.103

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

*** You can order this quantity or a multiple thereof.**

Selector switches with holder

Selector switch, 3 switch positions, standard version

Selector switch, 3 switch positions, heavy-duty version

Selector switch, 3 switch positions, long handle

Selector switches with 3 switch positions

Version	Version lighting	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type to the left, latching to the right 	**Non-illuminated, standard version**[1]	Black	B	**3SB35 00-2GA11**		1	1 unit	102	0.078
		Red	B	**3SB35 00-2GA21**		1	1 unit	102	0.076
		Green	B	**3SB35 00-2GA41**		1	1 unit	102	0.078
		White	B	**3SB35 00-2GA61**		1	1 unit	102	0.076
	Illuminated, standard version[1], including holder for 3 elements	Red	D	**3SB35 01-2GA21**		1	1 unit	102	0.076
		Yellow	D	**3SB35 01-2GA31**		1	1 unit	102	0.076
		Green	B	**3SB35 01-2GA41**		1	1 unit	102	0.079
		Blue	D	**3SB35 01-2GA51**		1	1 unit	102	0.076
		Clear	D	**3SB35 01-2GA71**		1	1 unit	102	0.077
	Non-illuminated, heavy-duty version	Black	C	**3SB35 00-2VA11**		1	1 unit	102	0.102
		Red	C	**3SB35 00-2VA21**		1	1 unit	102	0.102
		Green	C	**3SB35 00-2VA41**		1	1 unit	102	0.103
		White	C	**3SB35 00-2VA61**		1	1 unit	102	0.100
	Non-illuminated, long handle[1]	Black	C	**3SB35 00-3VA11**		1	1 unit	102	0.101
		Red	C	**3SB35 00-3VA21**		1	1 unit	102	0.102
		Green	D	**3SB35 00-3VA41**		1	1 unit	102	0.100
		White	D	**3SB35 00-3VA61**		1	1 unit	102	0.100
Switching sequence I-O-II 2 x 50° operating angle, latching to the left, momentary contact type to the right 	**Non-illuminated, standard version**[1]	Black	B	**3SB35 00-2FA11**		1	1 unit	102	0.077
		Red	B	**3SB35 00-2FA21**		1	1 unit	102	0.076
		Green	B	**3SB35 00-2FA41**		1	1 unit	102	0.075
		White	B	**3SB35 00-2FA61**		1	1 unit	102	0.076
	Illuminated, standard version[1], including holder for 3 elements	Red	D	**3SB35 01-2FA21**		1	1 unit	102	0.077
		Yellow	D	**3SB35 01-2FA31**		1	1 unit	102	0.076
		Green	B	**3SB35 01-2FA41**		1	1 unit	102	0.079
		Blue	D	**3SB35 01-2FA51**		1	1 unit	102	0.076
		Clear	D	**3SB35 01-2FA71**		1	1 unit	102	0.076
	Non-illuminated, heavy-duty version	Black	C	**3SB35 00-2UA11**		1	1 unit	102	0.101
		Red	C	**3SB35 00-2UA21**		1	1 unit	102	0.101
		Green	C	**3SB35 00-2UA41**		1	1 unit	102	0.106
		White	C	**3SB35 00-2UA61**		1	1 unit	102	0.101
	Non-illuminated, long handle[1]	Black	C	**3SB35 00-3UA11**		1	1 unit	102	0.102
		Red	C	**3SB35 00-3UA21**		1	1 unit	102	0.100
		Green	C	**3SB35 00-3UA41**		1	1 unit	102	0.100
		White	C	**3SB35 00-3UA61**		1	1 unit	102	0.102

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Metal, Round

Actuators and indicators

Key-operated switches with holder[1]

RONIS key-operated switch

CES key-operated switch

IKON key-operated switch

BKS key-operated switch

O.M.R. key-operated switch

Version	Version key-operated switch: Type	Lock No.	Key removal position	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Key-operated switches with 2 keys, 2 switch positions										
Switching sequence O-I, 50° operating angle, latching	RONIS	SB 30	O+I	▶	**3SB35 00-4AD11**		1	1 unit	102	0.108
			O	▶	**3SB35 00-4AD01**		1	1 unit	102	0.108
			I	B	**3SB35 00-4AD21**		1	1 unit	102	0.107
	CES	SSG 10	O+I	▶	**3SB35 00-4LD11**		1	1 unit	102	0.186
			O	▶	**3SB35 00-4LD01**		1	1 unit	102	0.190
			I	B	**3SB35 00-4LD21**		1	1 unit	102	0.190
		LSG 1	O+I	B	**3SB35 00-4LF01**		1	1 unit	102	0.187
			O	B	**3SB35 00-4LF11**		1	1 unit	102	0.190
	IKON	360012 K1	O+I	B	**3SB35 00-5LD11**		1	1 unit	102	0.196
			O	B	**3SB35 00-5LD01**		1	1 unit	102	0.196
	BKS	S1	O+I	B	**3SB35 00-5AD11**		1	1 unit	102	0.184
			O	B	**3SB35 00-5AD01**		1	1 unit	102	0.198
			I	B	**3SB35 00-5AD21**		1	1 unit	102	0.186
		E1 for VW[2]	O+I	B	**3SB35 00-5AE01**		1	1 unit	102	0.169
			O	B	**3SB35 00-5AE11**		1	1 unit	102	0.176
		E2 for VW[2]	O+I	B	**3SB35 00-5AE21**		1	1 unit	102	0.170
			O	B	**3SB35 00-5AE31**		1	1 unit	102	0.174
		E7 for VW[2]	O+I	B	**3SB35 00-5AE41**		1	1 unit	102	0.170
			O	B	**3SB35 00-5AE51**		1	1 unit	102	0.176
		E9 for VW[2]	O+I	B	**3SB35 00-5AE61**		1	1 unit	102	0.169
			O	B	**3SB35 00-5AE71**		1	1 unit	102	0.174
	O.M.R.[3]	73038 Light blue	O+I	B	**3SB35 00-3AG11**		1	1 unit	102	0.173
			O	B	**3SB35 00-3AG01**		1	1 unit	102	0.175
			I	B	**3SB35 00-3AG21**		1	1 unit	102	0.173
		73037 Red	O+I	B	**3SB35 00-3AH11**		1	1 unit	102	0.172
			O	B	**3SB35 00-3AH01**		1	1 unit	102	0.172
			I	B	**3SB35 00-3AH21**		1	1 unit	102	0.174
		73034 Black	O+I	B	**3SB35 00-3AJ11**		1	1 unit	102	0.172
			O	B	**3SB35 00-3AJ01**		1	1 unit	102	0.178
			I	B	**3SB35 00-3AJ21**		1	1 unit	102	0.173
		73033 Yellow	O+I	B	**3SB35 00-3AK11**		1	1 unit	102	0.174
			O	B	**3SB35 00-3AK01**		1	1 unit	102	0.172
			I	B	**3SB35 00-3AK21**		1	1 unit	102	0.178
Switching sequence O-I, 50° operating angle, momentary contact type	RONIS	SB 30	O	▶	**3SB35 00-4BD01**		1	1 unit	102	0.108
	CES	SSG 10	O	▶	**3SB35 00-4MD01**		1	1 unit	102	0.191
		LSG 1	O	B	**3SB35 00-4MF11**		1	1 unit	102	0.190
	IKON	360012 K1	O	B	**3SB35 00-5MD01**		1	1 unit	102	0.195
	BKS	S1	O	B	**3SB35 00-5BD01**		1	1 unit	102	0.187
	O.M.R.[3]	73038 Light blue	O	B	**3SB35 00-3BG01**		1	1 unit	102	0.174
		73037 Red	O	B	**3SB35 00-3BH01**		1	1 unit	102	0.173
		73034 Black	O	B	**3SB35 00-3BJ01**		1	1 unit	102	0.173
		73033 Yellow	O	B	**3SB35 00-3BK01**		1	1 unit	102	0.174

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

2) Supplied without the key.

3) In accordance with FIAT standards; also available for other users.

* You can order this quantity or a multiple thereof.

Key-operated switches with holder[1)]

Key-operated switches with 2 keys, 3 switch positions

RONIS key-operated switch

CES key-operated switch

IKON key-operated switch

BKS key-operated switch

O.M.R. key-operated switch

Version	Version key-operated switch			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Type	Lock No.	Key removal position							kg
Switching sequence I-O-II 2 x 50° operating angle, latching 	RONIS	SB 30	I+O+II	B	**3SB35 00-4DD11**		1	1 unit	102	0.108
			O	B	**3SB35 00-4DD01**		1	1 unit	102	0.108
			I+II	B	**3SB35 00-4DD41**		1	1 unit	102	0.112
			I	B	**3SB35 00-4DD21**		1	1 unit	102	0.108
			II	B	**3SB35 00-4DD31**		1	1 unit	102	0.107
			O+I	B	**3SB35 00-4DD51**		1	1 unit	102	0.110
	CES	SSG 10	O+I+II	B	**3SB35 00-4PD11**		1	1 unit	102	0.187
			O	B	**3SB35 00-4PD01**		1	1 unit	102	0.191
			I+II	B	**3SB35 00-4PD41**		1	1 unit	102	0.189
			I	B	**3SB35 00-4PD21**		1	1 unit	102	0.190
			II	B	**3SB35 00-4PD31**		1	1 unit	102	0.191
	IKON	360012 K1	O+I+II	B	**3SB35 00-5PD11**		1	1 unit	102	0.193
			O	B	**3SB35 00-5PD01**		1	1 unit	102	0.196
			I+II	C	**3SB35 00-5PD41**		1	1 unit	102	0.180
	BKS	S1	O+I+II	B	**3SB35 00-5DD11**		1	1 unit	102	0.183
			O	C	**3SB35 00-5DD01**		1	1 unit	102	0.187
			I+II	C	**3SB35 00-5DD41**		1	1 unit	102	0.184
			I	B	**3SB35 00-5DD21**		1	1 unit	102	0.187
			II	C	**3SB35 00-5DD31**		1	1 unit	102	0.187
	O.M.R.[2)]	73038 Light blue	I+O+II	B	**3SB35 00-3DG11**		1	1 unit	102	0.171
			O	B	**3SB35 00-3DG01**		1	1 unit	102	0.171
			I+II	C	**3SB35 00-3DG41**		1	1 unit	102	0.174
		73037 Red	I+O+II	B	**3SB35 00-3DH11**		1	1 unit	102	0.173
			O	B	**3SB35 00-3DH01**		1	1 unit	102	0.173
			I+II	C	**3SB35 00-3DH41**		1	1 unit	102	0.170
		73034 Black	I+O+II	B	**3SB35 00-3DJ11**		1	1 unit	102	0.172
			O	B	**3SB35 00-3DJ01**		1	1 unit	102	0.173
			I+II	C	**3SB35 00-3DJ41**		1	1 unit	102	0.171
		73033 Yellow	I+O+II	C	**3SB35 00-3DK11**		1	1 unit	102	0.172
			O	B	**3SB35 00-3DK01**		1	1 unit	102	0.173
			I+II	C	**3SB35 00-3DK41**		1	1 unit	102	0.173
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type 	RONIS	SB 30	O	B	**3SB35 00-4ED01**		1	1 unit	102	0.109
	CES	SSG 10	O	B	**3SB35 00-4QD01**		1	1 unit	102	0.191
	IKON	360012 K1	O	B	**3SB35 00-5QD01**		1	1 unit	102	0.196
	BKS	S1	O	B	**3SB35 00-5ED01**		1	1 unit	102	0.189
	O.M.R.	73038 Light blue	O	C	**3SB35 00-3EG01**		1	1 unit	102	0.172
		73037 Red	O	B	**3SB35 00-3EH01**		1	1 unit	102	0.175
		73034 Black	O	B	**3SB35 00-3EJ01**		1	1 unit	102	0.173
		73033 Yellow	O	B	**3SB35 00-3EK01**		1	1 unit	102	0.175

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

2) In accordance with FIAT standards; also available for other users.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Metal, Round

Actuators and indicators

Key-operated switches with holder[1)]

RONIS key-operated switch

CES key-operated switch

IKON key-operated switch

BKS key-operated switch

O.M.R. key-operated switch

Version	Version key-operated switch			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Type	Lock No.	Key removal position							kg
Key-operated switches with 2 keys, 3 switch positions										
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type to the left, latching to the right	RONIS	SB 30	O + II	B	**3SB35 00-4GD61**		1	1 unit	102	0.111
			O	B	**3SB35 00-4GD01**		1	1 unit	102	0.108
			II	B	**3SB35 00-4GD31**		1	1 unit	102	0.106
	CES	SSG 10	O + II	B	**3SB35 00-4SD61**		1	1 unit	102	0.190
			O	B	**3SB35 00-4SD01**		1	1 unit	102	0.191
			II	B	**3SB35 00-4SD31**		1	1 unit	102	0.191
	IKON	360012	O	C	**3SB35 00-5SD01**		1	1 unit	102	0.196
		K1	II	C	**3SB35 00-5SD31**		1	1 unit	102	0.180
	BKS	S1	O + II	C	**3SB35 00-5GD61**		1	1 unit	102	0.175
			O	C	**3SB35 00-5GD01**		1	1 unit	102	0.175
			II	B	**3SB35 00-5GD31**		1	1 unit	102	0.188
	O.M.R.	73038	O	C	**3SB35 00-3GG01**		1	1 unit	102	0.165
		Light blue	II	C	**3SB35 00-3GG31**		1	1 unit	102	0.174
		73037	O	C	**3SB35 00-3GH01**		1	1 unit	102	0.173
		Red	II	C	**3SB35 00-3GH31**		1	1 unit	102	0.165
		73034	O	C	**3SB35 00-3GJ01**		1	1 unit	102	0.170
		Black	II	C	**3SB35 00-3GJ31**		1	1 unit	102	0.165
		73033	O	C	**3SB35 00-3GK01**		1	1 unit	102	0.165
		Yellow	II	C	**3SB35 00-3GK31**		1	1 unit	102	0.165
Switching sequence I-O-II 2 x 50° operating angle, momentary contact type to the left, latching to the right	RONIS	SB 30	O+I	B	**3SB35 00-4FD51**		1	1 unit	102	0.107
			O	B	**3SB35 00-4FD01**		1	1 unit	102	0.108
			I	B	**3SB35 00-4FD21**		1	1 unit	102	0.109
	CES	SSG 10	O+I	B	**3SB35 00-4RD51**		1	1 unit	102	0.191
			O	B	**3SB35 00-4RD01**		1	1 unit	102	0.191
			I	B	**3SB35 00-4RD21**		1	1 unit	102	0.191
	IKON	360012	O+I	C	**3SB35 00-5RD51**		1	1 unit	102	0.180
		K1	O	C	**3SB35 00-5RD01**		1	1 unit	102	0.180
			I	B	**3SB35 00-5RD21**		1	1 unit	102	0.200
	BKS	S1	O+I	C	**3SB35 00-5FD51**		1	1 unit	102	0.175
			O	B	**3SB35 00-5FD01**		1	1 unit	102	0.190
			I	B	**3SB35 00-5FD21**		1	1 unit	102	0.190
	O.M.R.	73038	O	B	**3SB35 00-3FG01**		1	1 unit	102	0.173
		Light blue	I	B	**3SB35 00-3FG21**		1	1 unit	102	0.172
		73037	O	C	**3SB35 00-3FH01**		1	1 unit	102	0.175
		Red	I	C	**3SB35 00-3FH21**		1	1 unit	102	0.165
		73034	O	B	**3SB35 00-3FJ01**		1	1 unit	102	0.175
		Black	I	C	**3SB35 00-3FJ21**		1	1 unit	102	0.175
		73033	O	B	**3SB35 00-3FK01**		1	1 unit	102	0.171
		Yellow	I	B	**3SB35 00-3FK21**		1	1 unit	102	0.170

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

* You can order this quantity or a multiple thereof.

	Version	Color of actuator	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
EMERGENCY-STOP commanding devices acc. to ISO 13850/EN 418 and IEC 60947-5-5 with holder[1)2)]. Can also be used with 3TK28 safety combinations									
Mushroom diameter 32 mm	**EMERGENCY-STOP mushroom pushbuttons, Ø 32 mm,** with positive latching acc. to EN 418, with rotate-to-unlatch mechanism	Red	B	**3SB35 00-1FA20**		1	1 unit	102	0.107
Mushroom diameter 40 mm, rotate-to-unlatch mechanism	**EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm,** with positive latching acc. to EN 418, with rotate-to-unlatch mechanism	Red	▶	**3SB35 00-1HA20**		1	1 unit	102	0.114
	With pull-to-unlatch mechanism	Red	B	**3SB35 00-1TA20**		1	1 unit	102	0.113
Mushroom diameter 40 mm, pull-to-unlatch mechanism	**EMERGENCY-STOP mushroom pushbuttons, Ø 60 mm,** with positive latching acc. to EN 418, with rotate-to-unlatch mechanism	Red	B	**3SB35 00-1AA20**		1	1 unit	102	0.139
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with RONIS key-operated switch (with 2 keys) lock No. SB 30, with positive latching acc. to EN 418, unlocking only possible using key	Red	B	**3SB35 00-1BA20**		1	1 unit	102	0.145
Mushroom diameter 60 mm	**EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with CES key-operated switch** (with 2 keys), lock No. SSG 10, with positive latching acc. to EN 418, unlocking only possible using key	Red	B	**3SB35 00-1KA20**		1	1 unit	102	0.173
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with IKON key-operated switch (with 2 keys), lock No. SB 360012 K1, with positive latching acc. to EN 418, unlocking only possible using key	Red	B	**3SB35 00-1UA20**		1	1 unit	102	0.173
Mushroom diameter 40 mm, with key-operated switch	**EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with BKS key-operated switch** (with 2 keys), lock No. S1, with positive latching acc. to EN 418, unlocking only possible using key	Red	B	**3SB35 00-1LA20**		1	1 unit	102	0.171
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with O.M.R. key-operated switch (with 2 keys), lock No. 73037 with positive latching acc. to EN 418, unlocking using key	Red	B	**3SB35 00-1MA20**		1	1 unit	102	0.179

For special locks, see page 9/66.

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

2) The yellow backing plates must be ordered separately, see Accessories.

*** You can order this quantity or a multiple thereof.**

Actuators and Indicators, Metal, Round

Actuators and indicators

Signaling elements with holder[1]

Indicator light with smooth lens

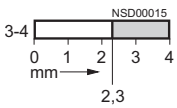
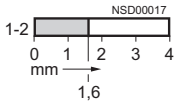
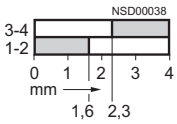
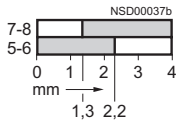
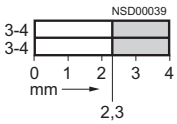
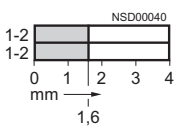
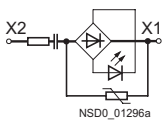
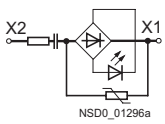
Version	Color of lens	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Indicator lights with lens with concentric rings[2]	Red	►	**3SB35 01-6BA20**		1	1 unit	102	0.063
	Yellow	B	**3SB35 01-6BA30**		1	1 unit	102	0.062
	Green	►	**3SB35 01-6BA40**		1	1 unit	102	0.062
	Blue	B	**3SB35 01-6BA50**		1	1 unit	102	0.062
	White	B	**3SB35 01-6BA60**		1	1 unit	102	0.062
	Clear	►	**3SB35 01-6BA70**		1	1 unit	102	0.062
Indicator lights with smooth lens[2]	Red	B	**3SB35 01-6AA20**		1	1 unit	102	0.062
	Yellow	B	**3SB35 01-6AA30**		1	1 unit	102	0.062
	Green	B	**3SB35 01-6AA40**		1	1 unit	102	0.062
	Blue	B	**3SB35 01-6AA50**		1	1 unit	102	0.062
	White	►	**3SB35 01-6AA60**		1	1 unit	102	0.062
	Clear	B	**3SB35 01-6AA70**		1	1 unit	102	0.062

1) Also available without holder. Supplement Order No. with **"–Z"** and quote order code **"B01"**.

2) Inscription is possible by inserting a label.

*** You can order this quantity or a multiple thereof.**

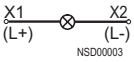
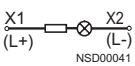
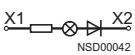
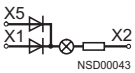
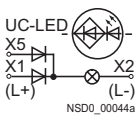
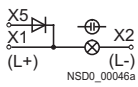
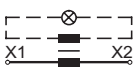
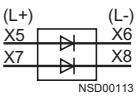
Selection and ordering data

Version	Symbols	Color/operating travel Contact closed Contact open	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Elements with screw connections, for front plate mounting									
Contact blocks with one contact Mounting depth 50 mm									
1 NO			▶	**3SB34 00-0B**		1	1 unit	102	0.011
1 NO with gold-plated contacts			C	**3SB34 00-0BA**		1	1 unit	102	0.011
1 NC 1) 1 NC with gold-plated contacts 1)			▶ C	**3SB34 00-0C** **3SB34 00-0CA**		1 1	1 unit 1 unit	102 102	0.011 0.012
Contact blocks with 2 contacts Mounting depth 65 mm (including device identification label)									
1 NO + 1 NC 1) 1 NO + 1 NC with gold-plated contacts 1)			▶ B	**3SB34 00-0A** **3SB34 00-0AA**		1 1	1 unit 1 unit	102 102	0.018 0.018
1 NO leading + 1 NC delayed			B	**3SB34 00-0H**		1	1 unit	102	0.018
1 NO leading + 1 NC delayed with gold-plated contacts			B	**3SB34 00-0HA**		1	1 unit	102	0.018
2 NO			B	**3SB34 00-0D**		1	1 unit	102	0.018
2 NO with gold-plated contacts			B	**3SB34 00-0DA**		1	1 unit	102	0.018
2 NC 1) 2 NC with gold-plated contacts 1)			B B	**3SB34 00-0E** **3SB34 00-0EA**		1 1	1 unit 1 unit	102 102	0.018 0.018
Lampholders with integral LED									
24 V AC/DC		Yellow Red Green Blue White	B ▶ ▶ B ▶	**3SB34 00-1PA** **3SB34 00-1PB** **3SB34 00-1PC** **3SB34 00-1PD** **3SB34 00-1PE**		1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	102 102 102 102 102	0.011 0.011 0.011 0.033 0.011
110 V AC		Yellow Red Green Blue White	B B B B B	**3SB34 00-1QA** **3SB34 00-1QB** **3SB34 00-1QC** **3SB34 00-1QD** **3SB34 00-1QE**		1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	102 102 102 102 102	0.012 0.012 0.012 0.011 0.012
230 V AC		Yellow Red Green Blue White	B ▶ ▶ B ▶	**3SB34 00-1RA** **3SB34 00-1RB** **3SB34 00-1RC** **3SB34 00-1RD** **3SB34 00-1RE**		1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	102 102 102 102 102	0.012 0.012 0.012 0.012 0.012

1) Positive opening according to IEC 60947-5-1, Appendix K.

* You can order this quantity or a multiple thereof.

Contact blocks and lampholders

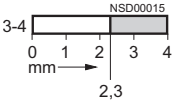
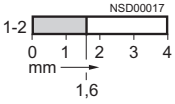
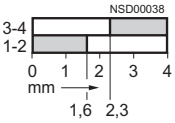
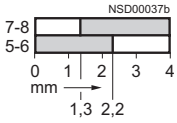
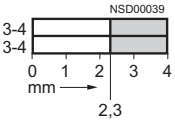
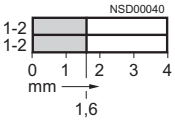
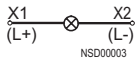
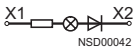
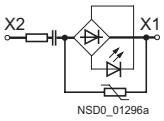
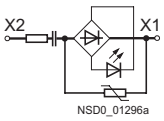
Version	Rated voltage of lamp	Symbols	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V								kg
Elements with screw connections, for front plate mounting									
BA 9s lampholders, mounting depth 50 mm									
Without lamp	Acc. to lamp		►	**3SB34 00-1A**		1	1 unit	102	0.010
With 24 V incandescent lamp (3SX1 344)	24 V AC/DC		B	**3SB34 00-1D**		1	1 unit	102	0.012
BA 9s lampholders, mounting depth 50 mm									
With built-in resistor for longer endurance and with 130 V lamp (3SX1 731)[1]	110/130 V AC/DC		B	**3SB34 00-1B**		1	1 unit	102	0.013
With integrated voltage reducer and with 130 V lamp (3SX1 731)[1]	230/240 V AC		B	**3SB34 00-1C**		1	1 unit	102	0.013
BA 9s lampholders, with separate lamp test function[2] [3]									
With integrated voltage reducer and with 130 V lamp (3SX1 731)[1]	230/240 V AC		B	**3SB34 00-1F**		1	1 unit	102	0.019
Without lamp For incandescent lamp, max. 2.6 W; for LED lamp, AC/DC Not suitable for LED, AC or DC only	Acc. to lamp		B	**3SB34 00-1G**		1	1 unit	102	0.016
Without lamp For incandescent lamp, max. 2.6 W; for LED lamp, AC or DC Not suitable for LED, AC + DC. For connecting to DC, X5 must be connected to L–.	Acc. to lamp		B	**3SB34 00-1L**		1	1 unit	102	0.017
Without lamp For incandescent lamp, max. 2.6 W; for glow lamp, AC	Acc. to lamp		B	**3SB34 00-1H**		1	1 unit	102	0.016
Transformers For snapping onto 3SB34 00-1A lampholder For incandescent lamp, 2 W, AC	127 V / 24 V 240 V / 24 V 260 V / 24 V 400 V / 24 V		B B B B	**3SB34 00-3A** **3SB34 00-3C** **3SB34 00-3E** **3SB34 00-3F**		1 1 1 1	1 unit 1 unit 1 unit 1 unit	102 102 102 102	0.109 0.108 0.110 0.108
	127 V / 6 V 240 V / 6 V 400 V / 6 V 480 V / 6 V 600 V / 6 V		B B B B B	**3SB34 00-3M** **3SB34 00-3P** **3SB34 00-3S** **3SB34 00-3U** **3SB34 00-3W**		1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	102 102 102 102 102	0.108 0.107 0.107 0.132 0.128
Blocks with 2 diodes Type 1N 4007	U_{RMS} = max. 250 V I_{FAV} = 0.8 A at T_u = 60 °C		B	**3SB34 00-2A**		1	1 unit	102	0.018

1) Use these lamps only.

2) The lampholder with separate lamp test function can not be installed in an enclosure.

3) For examples of circuits, see Technical Information LV 1 T.

* You can order this quantity or a multiple thereof.

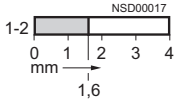
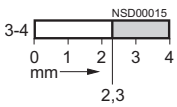
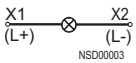
Version	Rated voltage of lamp/ Symbols	Color/operating travel Contact closed Contact open	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Elements with spring-loaded terminals, for front panel mounting									
Contact blocks with one contact Mounting depth 50 mm, grid 30 mm x 30 mm									
1 NO			B	**3SB34 03-0B**		1	1 unit	102	0.008
1 NO with gold-plated contacts			B	**3SB34 03-0BA**		1	1 unit	102	0.008
1 NC 1)			B	**3SB34 03-0C**		1	1 unit	102	0.008
1 NC with gold-plated contacts 1)			B	**3SB34 03-0CA**		1	1 unit	102	0.008
Contacts blocks with 2 contacts Mounting depth 65 mm									
1 NO + 1 NC 1)			B	**3SB34 03-0A**		1	1 unit	102	0.018
1 NO + 1 NC with gold-plated contacts 1)			B	**3SB34 03-0AA**		1	1 unit	102	0.018
1 NO leading + 1 NC delayed			B	**3SB34 03-0H**		1	1 unit	102	0.018
1 NO leading + 1 NC delayed with gold-plated contacts			B	**3SB34 03-0HA**		1	1 unit	102	0.018
2 NO			B	**3SB34 03-0D**		1	1 unit	102	0.017
2 NO with gold-plated contacts			B	**3SB34 03-0DA**		1	1 unit	102	0.017
2 NC 1)			B	**3SB34 03-0E**		1	1 unit	102	0.018
2 NC with gold-plated contacts 1)			B	**3SB34 03-0EA**		1	1 unit	102	0.018
BA 9s lampholders Mounting depth 50 mm, grid 30 mm x 30 mm									
Without lamp	Acc. to lamp 		B	**3SB34 03-1A**		1	1 unit	102	0.008
With integrated voltage reducer and with 130 V lamp (3SX1 731)2)	230/240 V AC 		B	**3SB34 03-1C**		1	1 unit	102	0.010
Lampholders with integral LED Mounting depth 50 mm, grid 30 mm x 30 mm	24 V AC/DC 	Yellow	B	**3SB34 03-1PA**		1	1 unit	102	0.009
		Red	B	**3SB34 03-1PB**		1	1 unit	102	0.010
		Green	B	**3SB34 03-1PC**		1	1 unit	102	0.009
		Blue	B	**3SB34 03-1PD**		1	1 unit	102	0.009
		White	B	**3SB34 03-1PE**		1	1 unit	102	0.009
	110 V AC 	Yellow	B	**3SB34 03-1QA**		1	1 unit	102	0.010
		Red	B	**3SB34 03-1QB**		1	1 unit	102	0.010
		Green	B	**3SB34 03-1QC**		1	1 unit	102	0.010
		Blue	B	**3SB34 03-1QD**		1	1 unit	102	0.010
		White	B	**3SB34 03-1QE**		1	1 unit	102	0.010
	230 V AC 	Yellow	B	**3SB34 03-1RA**		1	1 unit	102	0.010
		Red	B	**3SB34 03-1RB**		1	1 unit	102	0.010
		Green	B	**3SB34 03-1RC**		1	1 unit	102	0.010
		Blue	B	**3SB34 03-1RD**		1	1 unit	102	0.010
		White	B	**3SB34 03-1RE**		1	1 unit	102	0.010

1) Positive opening according to IEC 60947-5-1, Appendix K.

2) Use these lamps only.

Components for Actuators and Indicators

Contact blocks and lampholders

	Version	Symbols	Operating travel Contact closed Contact open	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Holders for 3 contact blocks, for front panel mounting										
	Holders for pushbuttons and switches[1] For snapping on 3 blocks			►	**3SB39 01-0AB**		100	20 units	102	0.100
	Holders for selector switches, key-operated switches and twin pushbuttons With pressure plate for actuating a central contact block			►	**3SB39 01-0AC**		100	10 units	102	0.200
Elements with soldering pins, for use on printed circuit boards										
	Contact blocks with one contact Mounting depth 44 mm									
	1 NO			B	**3SB34 11-0B**		1	1 unit	102	0.003
	1 NC → [2]			B	**3SB34 11-0C**		1	1 unit	102	0.003
	Lampholders Wedge base W2 x 4.6 d Without lamp Mounting depth 44 mm			B	**3SB34 11-1A**		1	1 unit	102	0.002
Pressure plates for use on printed circuit boards										
	Pressure plates for selector switches and key-operated switches For actuating a central contact block			B	**3SB39 01-0AW**		100	10 units	102	0.100
Accessories for printed circuit boards										
	Holders for printed circuit boards For mounting the commanding devices on the printed circuit board (screw supplied)			B	**3SB39 01-0AA**		100	10 units	102	0.200

1) Holder also for mushroom pushbutton and push-pull-button.

2) Positive opening according to IEC 60947-5-1, Appendix K.

* You can order this quantity or a multiple thereof.

Overview

The AS-Interface F adapter is used to connect an EMERGENCY-STOP control device according to ISO 13850 or EN 418 from the 3SB3 series to the AS-Interface bus system.

The F adapter has a safe AS-Interface slave and is snapped from behind onto the EMERGENCY-STOP control device (only actuating element). In the expanded version, an output for controlling indicator lights is available.

The adapter has 2 inputs, which are connected to the AS-Interface cable by screw-type or spring-loaded terminals. The expanded version includes an output for controlling light indicators.

Addressing is performed using the AS-Interface connections or the integrated addressing socket.

Selection and ordering data

Version	Connection	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
AS-Interface F adapters for EMERGENCY-STOP control devices SIRIUS 3SB3[1] For mounting on front plate								
• 2 inputs	Screw-type terminals	▶	**3SF5 402-1AA03**		1	1 ST	121	0,070
	Spring-loaded terminals	▶	**3SF5 402-1AA04**		1	1 ST	121	0,070
• 2 inputs / 1 output for LED control	Screw-type terminals	▶	**3SF5 402-1AB03**		1	1 ST	121	0,070
	Spring-loaded terminals	▶	**3SF5 402-1AB04**		1	1 ST	121	0,070

1) The EMERGENCY-STOP control device is not included in the scope of supply.

*** You can order this quantity or a multiple thereof.**

Special locks

Options

Special locks for key-operated switches

The plastic and metal locks, round and square versions, can be optionally equipped with special locks.

For special locks that are listed in the table below, the normal delivery time is 5 working days.

In this case the Order No. must be supplemented with **"–Z"**, the order code **"Y02"** and the required lock number.

Ordering example

3SB30 00-4LD01-Z
Y02
Z = SSG11

Special locks	Order No. Order code
Key-operated switches	
SB31 to SB49, T421, T455, T458	**3SB3. ..-4AD..-Z Y02** **3SB3. ..-4BD..-Z Y02** **3SB3. ..-4DD..-Z Y02** **3SB3. ..-4ED..-Z Y02** **3SB3. ..-4GD..-Z Y02** **3SB3. ..-4FD..-Z Y02**
SSG 11 to SSG 15	**3SB3. ..-4LD..-Z Y02** **3SB3. ..-4MD..-Z Y02** **3SB3. ..-4PD..-Z Y02** **3SB3. ..-4QD..-Z Y02** **3SB3. ..-4RD..-Z Y02** **3SB3. ..-4SD..-Z Y02**
E1, E2, E7, E9	**3SB3. ..-5AD..-Z Y02** **3SB3. ..-5BD..-Z Y02** **3SB3. ..-5DD01-Z Y02** **3SB3. ..-5DD11-Z Y02** **3SB3. ..-5DD41-Z Y02** **3SB3. ..-5ED..-Z Y02** **3SB3. ..-5FD01-Z Y02** **3SB3. ..-5GD01-Z Y02**
E9	**3SB3. ..-5FD51-Z Y02**
EMERGENCY-STOP mushroom pushbuttons	
SB31 to SB49, T421, T455, T458	**3SB3. ..-1BA20-Z Y02**
SSP 9	**3SB3. ..-1KA20-Z Y02**
E2, E7, E9	**3SB3. ..-1LA20-Z Y02**

For special locks that are not listed in the table, the normal delivery time is 25 working days.

In this case the Order No. must be supplemented with **"–Z"**, the order code **"Y01"** and the required lock number.

Ordering example

3SB30 00-4LD01-Z
Y01
Z = SSG18

Notes

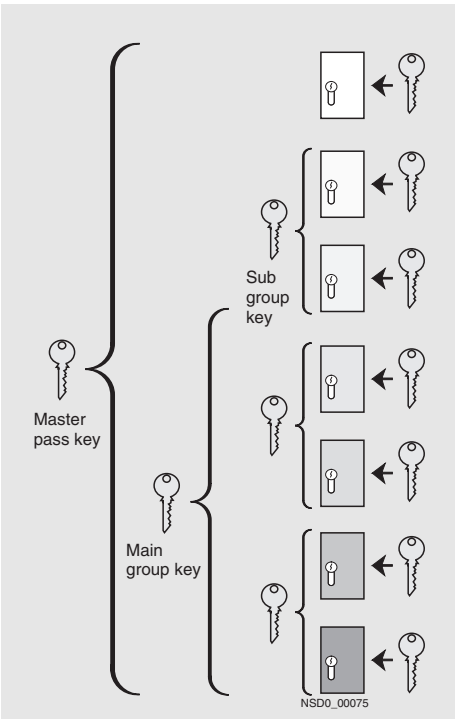
- For applications in which access security is important and several lock numbers are used, we recommend the use of BKS, CES or IKON key-operated switches.
- Special locks for VW (E1, E2, ...) will be delivered without keys, all others with 2 keys.
- For all special locks, a price supplement applies.

Master and master-pass key systems

The following key systems can be supplied with BKS, CES and IKON key-operated switches:

- Central lock systems
- Master key systems
- Central master key systems
- Master-pass key systems

Please enquire for price and delivery time.



Example of master-pass key system

Overview

Labeling of actuators and indicators

Actuators and indicators of plastic as well as metal type can be optionally inscribed with a laser.

The actuators of the pushbuttons, illuminated pushbuttons, mushroom pushbuttons and illuminated mushroom pushbuttons can be inscribed as well as the lenses of the indicator lights. Knobs can be inscribed only if they are made of plastic.

Pushbutton with laser inscription

Ordering notes

When ordering, supplement the Order No. of the actuating element or the indicator light with **"–Z"** and an order code:

- Text in upper/lower case, upper case only for beginning of line (e.g. "Lift out"): **Y10**
- Text in upper case (e.g. "LIFT OUT"): **Y11**
- Text in lower case (e.g. "lift out"): **Y12**
- Text in upper/lower case, all words begin with capital letters (e.g. "Lift Out"): **Y15**
- Symbols with number according to DIN Report 4 (ISO 7000, IEC 60417, DIN 30600): **Y13**
- Inscription or symbols according to order form supplement: **Y19**

Additional price per unit for Y10 to Y15: € 0.60

Additional price per unit for Y19: € 1.70

The required inscription must also be specified in plain text. In the case of inscriptions with words in languages other than German, give the exact spelling and specify the language. In the case of symbols with No., quote the corresponding standard.

For special symbols (short code Y19), a CAD drawing in DXF format can be submitted.

Ordering examples

A round pushbutton with the inscription "Reset" is required:

3SB30 00–0AA41–Z
Y10
Z = Reset (English)

A square pushbutton inscribed with symbol No. 19 according to DIN 30600 is required:

3SB31 10–0AA31–Z
Y13
Z = 19 DIN 30600

Inscriptions

Inscriptions by laser printer

Overview

Label inscriptions

Using the *Label Designer* software, which can be downloaded from the Internet, and the inscription plates for laser inscription you can create your own customized labels with a standard laser printer.

The self-adhesive or snap-on labels can be stuck or snap-fitted to the corresponding label holders (see Name plates). Round labels are provided for inserting in illuminated pushbuttons and switches.

The labels are suitable for printing with one to three lines of text or symbols.

For applications with more exacting requirements we recommend factory-printed inscription labels (laser-printed or engraved depending on the type).

You can find the *Label Designer* software on the Internet at:

http://www.siemens.de/sirius-label-designer

Selection and ordering data

Version	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Labels for printing								
Insert labels For inserting in illuminated push-buttons and illuminated switches	Milky	A	**3SB39 01-2AB**		100	480 units	102	10.000
Labeling plates 12.5 mm x 27 mm For sticking onto label holder	White	A	**3SB39 02-2AA**		100	480 units	102	10.000
Labeling plates 27 mm x 27 mm For sticking onto label holder	White	A	**3SB39 03-2AA**		100	480 units	102	10.000
Labeling plates 17.5 mm x 28 mm For snapping onto label holder	White	A	**3SB39 05-2AA**		100	720 units	102	11.000
Labeling plates 22 mm x 22 mm For sticking onto enclosure	White	A	**3SB39 06-2AA**		100	700 units	102	11.000

*** You can order this quantity or a multiple thereof.**

Overview

Pushbuttons (clear) and illuminated pushbuttons with a flat button can be fitted with insert labels for identification purposes, but indicator lights cannot.

These inscription labels are made of clear, transparent molded-plastic with black inscription; they can be fitted in any 90° angle.

Inscriptions

The inscriptions have upper case initial letters. The symbols, including those not listed in the catalog, are in accordance with DIN Report 4.

The inscription labels without lettering are suitable for user marking with permanent pen.

Selection and ordering data

Inscriptions	Serial number acc. to DIN Report 4	DT	**Round range, plastic and metal version** Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Insert labels for self-inscriptions								
Blank		B	**3SB19 01-4AS**		100	10 units	102	0.100
Insert labels with inscriptions								
Ein		B	**3SB19 01-4AB**		100	10 units	102	0.100
On		B	**3SB19 01-4EB**		100	10 units	102	0.100
Aus		B	**3SB19 01-4AC**		100	10 units	102	0.100
Off		B	**3SB19 01-4EC**		100	10 units	102	0.100
Auf		B	**3SB19 01-4AD**		100	10 units	102	0.100
Up		B	**3SB19 01-4ED**		100	10 units	102	0.100
Ab		B	**3SB19 01-4AE**		100	10 units	102	0.100
Down		B	**3SB19 01-4EE**		100	10 units	102	0.100
Vor		B	**3SB19 01-4AF**		100	10 units	102	0.100
Forward		B	**3SB19 01-4EF**		100	10 units	102	0.100
Zurück		B	**3SB19 01-4AG**		100	10 units	102	0.100
Rechts		B	**3SB19 01-4AH**		100	10 units	102	0.100
Right		C	**3SB19 01-4EH**		100	10 units	102	0.100
Links		B	**3SB19 01-4AJ**		100	10 units	102	0.100
Left		C	**3SB19 01-4EJ**		100	10 units	102	0.100
Auf		B	**3SB19 01-4AD**		100	10 units	102	0.100
Open		B	**3SB19 01-4EP**		100	10 units	102	0.100
Zu		B	**3SB19 01-4AL**		100	10 units	102	0.100
Close		B	**3SB19 01-4EQ**		100	10 units	102	0.100
Schnell		B	**3SB19 01-4AM**		100	10 units	102	0.100
Fast		B	**3SB19 01-4ER**		100	10 units	102	0.100
Langsam		B	**3SB19 01-4AN**		100	10 units	102	0.100
Slow		B	**3SB19 01-4ES**		100	10 units	102	0.100
Betrieb		B	**3SB19 01-4AP**		100	10 units	102	0.100
Running		B	**3SB19 01-4EV**		100	10 units	102	0.100
Störung		B	**3SB19 01-4AQ**		100	10 units	102	0.100
Fault		B	**3SB19 01-4EW**		100	10 units	102	0.100
Einrichten		B	**3SB19 01-4AR**		100	10 units	102	0.100
Reset		B	**3SB19 01-4EM**		100	10 units	102	0.100
Test		B	**3SB19 01-4EN**		100	10 units	102	0.100
Start		B	**3SB19 01-4EK**		100	10 units	102	0.100
Halt		B	**3SB19 01-4AK**		100	10 units	102	0.100
Stop		B	**3SB19 01-4EL**		100	10 units	102	0.100
Insert labels with symbols for ON/OFF								
O (Off)	15	B	**3SB19 01-4MB**		100	10 units	102	0.100
I (On)	16	B	**3SB19 01-4MC**		100	10 units	102	0.100
II (On)	--	B	**3SB19 01-4MD**		100	10 units	102	0.100
Insert labels with equipment symbols								
Electric motor	42	B	**3SB19 01-4PA**		100	10 units	102	0.100
Insert labels with motion symbols								
Motion in direction of arrow	28	B	**3SB19 01-4NA**		100	10 units	102	0.100
Increase, plus	40	B	**3SB19 01-4NG**		100	10 units	102	0.100
Decrease, minus	41	B	**3SB19 01-4MC**		100	10 units	102	0.100
Insert labels with customized inscriptions								
Any inscription or symbol can be selected			**3SB19 01-4AZ**					
		C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	10 units	102	0.001
		D	**K9Y**		1	10 units	102	0.001

*** You can order this quantity or a multiple thereof.**

Inscriptions

Insert labels

	Inscriptions		Serial number acc. to DIN Report 4	DT	Square range, plastic version Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Insert labels for self-inscriptions										
	Blank			B	**3SB39 40-4AA**		100	10 units	102	0.100
Insert labels with inscriptions										
	Ein			B	**3SB39 40-4AB**		100	10 units	102	0.100
	On			C	**3SB39 40-4EB**		100	10 units	102	0.100
	Aus			C	**3SB39 40-4AC**		100	10 units	102	0.100
	Off			C	**3SB39 40-4EC**		100	10 units	102	0.100
	Auf			B	**3SB39 40-4AD**		100	10 units	102	0.100
	Up			C	**3SB39 40-4ED**		100	10 units	102	0.100
	Ab			B	**3SB39 40-4AE**		100	10 units	102	0.100
	Down			C	**3SB39 40-4EE**		100	10 units	102	0.100
	Forward			C	**3SB39 40-4EF**		100	10 units	102	0.100
	Reverse			C	**3SB39 40-4EG**		100	10 units	102	0.100
	Rechts			C	**3SB39 40-4AH**		100	10 units	102	0.100
	Links			C	**3SB39 40-4AJ**		100	10 units	102	0.100
	Auf			B	**3SB39 40-4AD**		100	10 units	102	0.100
	Zu			B	**3SB39 40-4AL**		100	10 units	102	0.100
	Schnell			B	**3SB39 40-4AM**		100	10 units	102	0.100
	Langsam			B	**3SB39 40-4AN**		100	10 units	102	0.100
	Running			C	**3SB39 40-4EV**		100	10 units	102	0.100
	Störung			C	**3SB39 40-4AQ**		100	10 units	102	0.100
	Fault			C	**3SB39 40-4EW**		100	10 units	102	0.100
	Reset			C	**3SB39 40-4EM**		100	10 units	102	0.100
	Start			B	**3SB39 40-4EK**		100	10 units	102	0.100
	Halt			B	**3SB39 40-4AK**		100	10 units	102	0.100
	Stop			B	**3SB39 40-4EL**		100	10 units	102	0.100
Insert labels with symbols for ON/OFF										
	O (Off)		15	B	**3SB39 40-4MB**		100	10 units	102	0.100
	I (On)		16	B	**3SB39 40-4MC**		100	10 units	102	0.100
	II (On)		--	B	**3SB39 40-4MD**		100	10 units	102	0.100
Insert labels with equipment symbols										
	Electric motor		42	C	**3SB39 40-4PA**		100	10 units	102	0.100
Insert labels with motion symbols										
	Motion in direction of arrow		28	B	**3SB39 40-4NA**		100	10 units	102	0.100
	Increase, plus		40	B	**3SB39 40-4NG**		100	10 units	102	0.100
	Decrease, minus		41	B	**3SB39 40-4MC**		100	10 units	102	0.100
Insert labels with customized inscriptions										
	Any inscription or symbol can be selected				**3SB39 40-4AZ**					
				C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	10 units	102	0.001
				D	**K9Y**		1	10 units	102	0.001

* You can order this quantity or a multiple thereof.

Options

Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data.

Append the following codes to the order number:

- Text line(s) in upper/lower case, upper case only for beginning of line (e.g. "Lift out"): **K0Y**
- Text line(s) in upper case (e.g. "LIFT OUT"): **K1Y**
- Text line(s) in lower case (e.g. "lift out"): **K2Y**
- Text line(s) in upper/lower case, all words begin with upper case letters (e.g. "Lift Out"): **K5Y**
- Symbols with number according to DIN Report 4 (ISO 7000, IEC 60417, DIN 30600): **K3Y**
- Any inscription or symbols according to order form supplement: **K9Y**

DIN Report 4 can be obtained from
Beuth Verlag GmbH, D-10772 Berlin

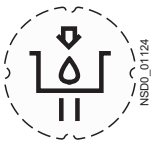
Examples for customized inscription

Two-line inscription in upper/lower case lettering

Single-line inscription in upper case lettering

Three-line inscription in lower case letters

Symbol No. 19 according to DIN Report 4



Symbol according to order supplement

Ordering notes

When ordering, specify the required inscription in plain text in addition to the order number and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language. In the case of symbols with No., quote the corresponding standard.

By default, a letter height of 4 mm (for a single line of text) or 3 mm (for 2 or 3 lines of text) is used for text inscriptions.

The typeface used is Univers. Other letter heights and typefaces are possible, but must be specified when ordering.

For round inscription labels, the maximum possible number of characters per line is:

- 10 characters for one line of text
- 8 characters for 2 lines of text
- 6 characters for 3 lines of text, but 10 characters in the middle line

On square insert labels, 10 characters are possible per line.

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "L1= Lift, L2=Lower". For long words you can also specify the end-of-line division.

For special symbols (short code K9Y), a CAD drawing in DXF format can be submitted.

Ordering example

You want a label with symbol No. 19 according to DIN Report 30600:

3SB19 01–4AZ
K3Y
Z = 19 DIN 30600

Inscriptions

Name plates

Overview

The name plates consist of a black molded-plastic label holder and a labeling plate (black with white print or silver.colored with black print) for sticking or snapping in place. They are not suitable for EMERGENCY-STOP pushbuttons.

Note insert dimensions!

Inscription

The inscriptions have upper case initial letters. The symbols, including those not listed in the catalog, are in accordance with DIN Report 4.

Self-adhesive labels

The labeling plates are self-adhesive.

There are 2 sizes available for the round and square designs:

- 30 mm × 45 mm label holders with 12.5 mm × 27 mm labeling plate
- 30 mm × 60 mm label holders with 27 mm × 27 mm labeling plate

Snap-on labels

The following versions are available for the round program:

- 29.8 mm × 51 mm label holders with 17.5 mm × 28 mm labeling plates (inscription area: 17.5 mm × 27 mm)

Selection and ordering data

	Inscriptions	DT	Labeling plates, self-adhesive, black 12.5 mm × 27 mm		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
			Order No.	Price per PU				kg
Labels for self-inscriptions								
	Blank	►	**3SB39 02-1AA**		100	10 units	102	0.100
Labels with inscriptions								
	Ein	B	**3SB39 02-1AB**		100	10 units	102	0.100
	On	B	**3SB39 02-1EB**		100	10 units	102	0.100
	Aus	B	**3SB39 02-1AC**		100	10 units	102	0.100
	Off	B	**3SB39 02-1EC**		100	10 units	102	0.100
	Auf	B	**3SB39 02-1AD**		100	10 units	102	0.100
	Up	B	**3SB39 02-1ED**		100	10 units	102	0.100
	Ab	B	**3SB39 02-1AE**		100	10 units	102	0.100
	Down	B	**3SB39 02-1EE**		100	10 units	102	0.100
	Vor	B	**3SB39 02-1AF**		100	10 units	102	0.100
	Forward	B	**3SB39 02-1EF**		100	10 units	102	0.100
	Zurück	B	**3SB39 02-1AG**		100	10 units	102	0.100
	Reverse	B	**3SB39 02-1EG**		100	10 units	102	0.100
	Rechts	B	**3SB39 02-1AH**		100	10 units	102	0.100
	Right	B	**3SB39 02-1EH**		100	10 units	102	0.100
	Links	B	**3SB39 02-1AJ**		100	10 units	102	0.100
	Left	B	**3SB39 02-1EJ**		100	10 units	102	0.100
	Auf	B	**3SB39 02-1AD**		100	10 units	102	0.100
	Open	B	**3SB39 02-1EP**		100	10 units	102	0.100
	Zu	B	**3SB39 02-1AL**		100	10 units	102	0.100
	Close	B	**3SB39 02-1EQ**		100	10 units	102	0.100
	Betrieb	B	**3SB39 02-1AP**		100	10 units	102	0.100
	Störung	B	**3SB39 02-1AQ**		100	10 units	102	0.100
	Fault	B	**3SB39 02-1EW**		100	10 units	102	0.100
	Test	B	**3SB39 02-1EN**		100	10 units	102	0.100
	Start	B	**3SB39 02-1EL**		100	10 units	102	0.100
	Halt	B	**3SB39 02-1AK**		100	10 units	102	0.100
	Stop	B	**3SB39 02-1EK**		100	10 units	102	0.100
	Stop Start	B	**3SB39 02-1BC**		100	10 units	102	0.100
	Hand Auto	C	**3SB39 02-1BA**		100	10 units	102	0.100
	Man Auto	B	**3SB39 02-1EU**		100	10 units	102	0.100
Labels with symbols								
	O	B	**3SB39 02-1MB**		100	10 units	102	0.100
	I	B	**3SB39 02-1MC**		100	10 units	102	0.100
	O I	B	**3SB39 02-1MF**		100	10 units	102	0.100
	1 2	B	**3SB39 02-1ML**		100	10 units	102	0.100
	↑	B	**3SB39 02-1NJ**		100	10 units	102	0.100
	→	B	**3SB39 02-1NA**		100	10 units	102	0.100
Labels with customized inscriptions								
	Any inscription or symbol can be selected		**3SB39 02-1XZ**					
	(see Options)	C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	10 units	102	0.001
		C	**K9Y**		1	10 units	102	0.001

* You can order this quantity or a multiple thereof.

Name plates

Inscriptions	DT	Labeling plates, self-adhesive, silver-colored 12.5 mm × 27 mm Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Labels for self-inscriptions							
Blank	B	**3SB19 01-2AA**		100	10 units	102	0.100
Labels with inscriptions							
Ein	B	**3SB19 01-2AB**		100	10 units	102	0.100
On	B	**3SB19 01-2EB**		100	10 units	102	0.100
Aus	B	**3SB19 01-2AC**		100	10 units	102	0.100
Off	B	**3SB19 01-2EC**		100	10 units	102	0.100
Auf	B	**3SB19 01-2AD**		100	10 units	102	0.100
Up	B	**3SB19 01-2ED**		100	10 units	102	0.100
Ab	B	**3SB19 01-2AE**		100	10 units	102	0.100
Down	B	**3SB19 01-2EE**		100	10 units	102	0.100
Vor	B	**3SB19 01-2AF**		100	10 units	102	0.100
Forward	B	**3SB19 01-2EF**		100	10 units	102	0.100
Zurück	B	**3SB19 01-2AG**		100	10 units	102	0.100
Reverse	B	**3SB19 01-2EG**		100	10 units	102	0.100
Rechts	B	**3SB19 01-2AH**		100	10 units	102	0.100
Right	B	**3SB19 01-2EH**		100	10 units	102	0.100
Links	B	**3SB19 01-2AJ**		100	10 units	102	0.100
Left	B	**3SB19 01-2EJ**		100	10 units	102	0.100
Auf	B	**3SB19 01-2AD**		100	10 units	102	0.100
Open	B	**3SB19 01-2EP**		100	10 units	102	0.100
Zu	B	**3SB19 01-2AL**		100	10 units	102	0.100
Close	B	**3SB19 01-2EQ**		100	10 units	102	0.100
Schnell	B	**3SB19 01-2AM**		100	10 units	102	0.100
Fast	B	**3SB19 01-2ER**		100	10 units	102	0.100
Langsam	B	**3SB19 01-2AN**		100	10 units	102	0.100
Slow	B	**3SB19 01-2ES**		100	10 units	102	0.100
Betrieb	B	**3SB19 01-2AP**		100	10 units	102	0.100
Running	B	**3SB19 01-2EV**		100	10 units	102	0.100
Störung	B	**3SB19 01-2AQ**		100	10 units	102	0.100
Fault	B	**3SB19 01-2EW**		100	10 units	102	0.100
Einrichten	B	**3SB19 01-2AR**		100	10 units	102	0.100
Reset	B	**3SB19 01-2EM**		100	10 units	102	0.100
Test	B	**3SB19 01-2EN**		100	10 units	102	0.100
Start	B	**3SB19 01-2EL**		100	10 units	102	0.100
Halt	B	**3SB19 01-2AK**		100	10 units	102	0.100
Stop	B	**3SB19 01-2EK**		100	10 units	102	0.100
Stop Start	B	**3SB19 01-2BC**		100	10 units	102	0.100
Hand Auto	B	**3SB19 01-2BA**		100	10 units	102	0.100
Man Auto	B	**3SB19 01-2EU**		100	10 units	102	0.100
Hand O Auto	B	**3SB19 01-2BE**		100	10 units	102	0.100
Man O Auto	B	**3SB19 01-2ET**		100	10 units	102	0.100
Labels with symbols							
O	B	**3SB19 01-2MB**		100	10 units	102	0.100
I	B	**3SB19 01-2MC**		100	10 units	102	0.100
II	B	**3SB19 01-2MD**		100	10 units	102	0.100
III	B	**3SB19 01-2ME**		100	10 units	102	0.100
O – I	B	**3SB19 01-2MF**		100	10 units	102	0.100
I – O – II	C	**3SB19 01-2MG**		100	10 units	102	0.100
↑	B	**3SB19 01-2NJ**		100	10 units	102	0.100
→	B	**3SB19 01-2NA**		100	10 units	102	0.100
Labels with customized inscriptions							
Any inscription or symbol can be selected		**3SB19 01-2XZ**					
(see Options)	C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	10 units	102	0.001
	C	**K9Y**		1	10 units	102	0.001

Version	DT	Labeling plates, self-adhesive 12.5 mm × 27 mm Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Label holders							
For round range, flat	B	**3SB39 22-0AV**		100	10 units	102	0.200
For square range	B	**3SB39 42-0AX**		100	5 units	102	0.200
For potentiometer actuator 3SB10 00-7CH07[1)]	B	**3SB39 22-0AS**		1	1 unit	102	0.003

1) This label holder can also be used for pushbuttons with dust covers if the front plate thickness of 3 mm is not exceeded.

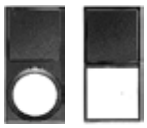
*** You can order this quantity or a multiple thereof.**

Inscriptions

Name plates

Inscriptions	DT	Labeling plates, self-adhesive, black 27 mm × 27 mm Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Labels for self-inscriptions							
Blank	B	**3SB39 03-1AA**		100	10 units	102	0.100
Labels with inscriptions							
Ein	B	**3SB39 03-1AB**		100	10 units	102	0.100
On	B	**3SB39 03-1EB**		100	10 units	102	0.100
Aus	B	**3SB39 03-1AC**		100	10 units	102	0.100
Off	B	**3SB39 03-1EC**		100	10 units	102	0.100
Auf	B	**3SB39 03-1AD**		100	10 units	102	0.100
Ab	B	**3SB39 03-1AE**		100	10 units	102	0.100
Vor	B	**3SB39 03-1AF**		100	10 units	102	0.100
Zurück	B	**3SB39 03-1AG**		100	10 units	102	0.100
Rechts	B	**3SB39 03-1AH**		100	10 units	102	0.100
Links	B	**3SB39 03-1AJ**		100	10 units	102	0.100
Auf	B	**3SB39 03-1AD**		100	10 units	102	0.100
Zu	B	**3SB39 03-1AL**		100	10 units	102	0.100
Betrieb	B	**3SB39 03-1AP**		100	10 units	102	0.100
Störung	B	**3SB39 03-1AQ**		100	10 units	102	0.100
Start	B	**3SB39 03-1EL**		100	10 units	102	0.100
Halt	B	**3SB39 03-1AK**		100	10 units	102	0.100
Stop Start	B	**3SB39 03-1BC**		100	10 units	102	0.100
Hand Auto	B	**3SB39 03-1BA**		100	10 units	102	0.100
Labels with symbols							
O I	B	**3SB39 03-1MF**		100	10 units	102	0.100
→	B	**3SB39 03-1NA**		100	10 units	102	0.100
Labels with customized inscriptions							
Any inscription or symbol can be selected		**3SB39 03-1XZ**					
(see Options)	C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	10 units	102	0.001
	C	**K9Y**		1	10 units	102	0.001

Inscriptions	DT	Labeling plates, self-adhesive, silver-colored 27 mm × 27 mm Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Labels for self-inscriptions							
Blank	B	**3SB19 06-2AA**		100	10 units	102	0.100
Labels with customized inscriptions							
Any inscription or symbol can be selected		**3SB19 06-2XZ**					
(see Options)	C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	1 unit	102	0.001
	C	**K9Y**		1	1 unit	102	0.001

Version	DT	Labeling plates, self-adhesive 27 mm × 27 mm Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Label holders							
 **For round range, flat**	B	**3SB39 23-0AV**		100	10 units	102	0.200
For round range, raised	C	**3SB39 23-0AX**		1	5 units	102	0.005
For square range	B	**3SB39 43-0AX**		100	5 units	102	0.200

* You can order this quantity or a multiple thereof.

Name plates

Inscriptions	DT	Labeling plates, for snapping on, black 17.5 mm × 28 mm Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Labels for self-inscriptions							
Blank	B	**3SB39 05-1AA**		100	10 units	102	0.100
Labels with inscriptions							
Ein	B	**3SB39 05-1AB**		100	10 units	102	0.100
Aus	B	**3SB39 05-1AC**		100	10 units	102	0.100
Auf	B	**3SB39 05-1AD**		100	10 units	102	0.100
Ab	B	**3SB39 05-1AE**		100	10 units	102	0.100
Zurück	B	**3SB39 05-1AG**		100	10 units	102	0.100
Zu	B	**3SB39 05-1AL**		100	10 units	102	0.100
Betrieb	B	**3SB39 05-1AP**		100	10 units	102	0.100
Störung	B	**3SB39 05-1AQ**		100	10 units	102	0.100
Start	B	**3SB39 05-1EL**		100	10 units	102	0.100
Halt	B	**3SB39 05-1AK**		100	10 units	102	0.100
Stop	B	**3SB39 05-1EK**		100	10 units	102	0.100
Stop Start	B	**3SB39 05-1BC**		100	10 units	102	0.100
Hand Auto	B	**3SB39 05-1BA**		100	10 units	102	0.100
Labels with symbols							
O I	B	**3SB39 05-1MF**		100	10 units	102	0.100
↑	B	**3SB39 05-1NJ**		100	10 units	102	0.100
→	B	**3SB39 05-1NA**		100	10 units	102	0.100
Labels with customized inscriptions							
Any inscription or symbol can be selected		**3SB39 05-1XZ**					
(see Options)	B	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	1 unit	102	0.001
	B	**K9Y**		1	1 unit	102	0.001

Inscriptions	DT	Labeling plates, for snapping on, silver-colored 17.5 mm × 28 mm Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Labels for self-inscriptions							
Blank	B	**3SB19 04-2AA**		100	10 units	102	0.100
Labels with inscriptions							
Ein	B	**3SB19 04-2AB**		100	10 units	102	0.100
Aus	B	**3SB19 04-2AC**		100	10 units	102	0.100
Auf	B	**3SB19 04-2AD**		100	10 units	102	0.100
Ab	B	**3SB19 04-2AE**		100	10 units	102	0.100
Zurück	B	**3SB19 04-2AG**		100	10 units	102	0.100
Zu	B	**3SB19 04-2AL**		100	10 units	102	0.100
Betrieb	B	**3SB19 04-2AP**		100	10 units	102	0.100
Störung	B	**3SB19 04-2AQ**		100	10 units	102	0.100
Start	B	**3SB19 04-2EL**		100	10 units	102	0.100
Halt	B	**3SB19 04-2AK**		100	10 units	102	0.100
Stop	B	**3SB19 04-2EK**		100	10 units	102	0.100
Stop Start	B	**3SB19 04-2BC**		100	10 units	102	0.100
Hand Auto	B	**3SB19 04-2BA**		100	10 units	102	0.100
Labels with symbols							
O I	B	**3SB19 04-2MF**		100	10 units	102	0.100
↑	B	**3SB19 04-2NJ**		100	10 units	102	0.100
→	B	**3SB19 04-2NA**		100	10 units	102	0.100
Labels with customized inscriptions							
Any inscription or symbol can be selected		**3SB19 04-2XZ**					
(see Options)	C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	1 unit	102	0.001
	C	**K9Y**		1	1 unit	102	0.001

Version	DT	Labeling plates, for snapping on 17.5 mm × 28 mm Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Label holders							
For round design	►	**3SB39 25-0AV**		100	10 units	102	0.200

* You can order this quantity or a multiple thereof.

Inscriptions

Name plates

Options

Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data.

Append the following codes to the order number:

- Text line(s) in upper/lower case, upper case only for beginning of line (e.g. "Lift out"): **K0Y**
- Text line(s) in upper case (e.g. "LIFT OUT"): **K1Y**
- Text line(s) in lower case (e.g. "lift out"): **K2Y**
- Text line(s) in upper/lower case, all words begin with upper case letters (e.g. "Lift Out"): **K5Y**
- Symbols with number according to DIN Report 4 (ISO 7000, IEC 60417, DIN 30600): **K3Y**
- Any inscription or symbols according to order form supplement: **K9Y**

DIN Report 4 can be obtained from
Beuth Verlag GmbH, D-10772 Berlin

Examples for customized inscription

Two-line inscription in upper/lower case lettering

Single-line inscription in upper case lettering

Three-line inscription in lower case letters

Symbol No. 35 according to DIN Report 4

Symbol according to order supplement

Ordering notes

When ordering, specify the required inscription in plain text in addition to the order number and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language. In the case of symbols with No., quote the corresponding standard.

The following letter heights are used as standard for text inscriptions:

- Label size 27 mm × 12.5 mm: 3 lines with character height 4 mm (1-line), 3.5 mm (2-line) or 2.5 mm (3-line)
- Label size 27 mm × 27 mm: 5 lines with character height 4 mm (1- to 5-line)
- Label size 17.5 mm × 28 mm: 3 lines with character height 4 mm (1- to 2-line) or 3 mm (3-line)

Up to 11 characters per line are possible. The typeface used is Univers. Other letter heights and typefaces are possible, but must be specified when ordering.

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "L1= Lift, L2=Lower". For long words you can also specify the end-of-line division.

For special symbols (short code K9Y), a CAD drawing in DXF format can be submitted.

Ordering example

You want a label with symbol No. 19 according to DIN Report 30600:

3SB39 02–1XZ
K3Y
Z = 19 DIN 30600

Selection and ordering data

Buttons and lenses

	Version	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	Buttons, flat For round illuminated pushbuttons and illuminated switches, plastic version	Red	B	**3SB39 30-0CA2**		100	10 units	102	0.100
		Yellow	B	**3SB39 30-0CA3**		100	10 units	102	0.200
		Green	B	**3SB39 30-0CA4**		100	10 units	102	0.200
		Blue	B	**3SB39 30-0CA5**		100	10 units	102	0.200
		White	B	**3SB39 30-0CA6**		100	10 units	102	0.200
		Clear	B	**3SB39 30-0CA7**		100	10 units	102	0.200
	Buttons, flat, solvent-resistant cap[1)] Four round illuminated pushbuttons and illuminated switches, plastic version	Red	B	**3SB39 30-0CA20-0PA0**		100	10 units	102	0.100
		Yellow	B	**3SB39 30-0CA30-0PA0**		100	10 units	102	0.100
		Green	B	**3SB39 30-0CA40-0PA0**		100	10 units	102	0.100
		Blue	B	**3SB39 30-0CA50-0PA0**		100	10 units	102	0.100
		White	B	**3SB39 30-0CA60-0PA0**		100	10 units	102	0.100
		Clear	B	**3SB39 30-0CA70-0PA0**		100	10 units	102	0.100
	Buttons, flat For square illuminated pushbuttons and illuminated switches, plastic version	Red	B	**3SB39 50-0CA2**		100	10 units	102	0.100
		Yellow	B	**3SB39 50-0CA3**		100	10 units	102	0.100
		Green	B	**3SB39 50-0CA4**		100	10 units	102	0.100
		Blue	B	**3SB39 50-0CA5**		100	10 units	102	0.100
		White	B	**3SB39 50-0CA6**		100	10 units	102	0.100
		Clear	B	**3SB39 50-0CA7**		100	10 units	102	0.100
	Buttons, flat For round pushbuttons and switches, metal version	Black	B	**3SB39 30-0EA1**		100	10 units	102	0.200
		Red	B	**3SB39 30-0EA2**		100	10 units	102	0.200
		Yellow	B	**3SB39 30-0EA3**		100	10 units	102	0.200
		Green	B	**3SB39 30-0EA4**		100	10 units	102	0.200
		Blue	B	**3SB39 30-0EA5**		100	10 units	102	0.200
		White	B	**3SB39 30-0EA6**		100	10 units	102	0.200
		Clear	B	**3SB39 30-0EA7**		100	10 units	102	0.200
	Buttons, raised For round pushbuttons and switches, metal version	Black	B	**3SB39 30-0FA1**		1	1 unit	102	10.000
		Red	C	**3SB39 30-0FA2**		1	10 units	102	10.000
		Yellow	C	**3SB39 30-0FA3**		1	10 units	102	10.000
		Green	C	**3SB39 30-0FA4**		1	10 units	102	10.000
		Blue	C	**3SB39 30-0FA5**		1	10 units	102	10.000
		White	C	**3SB39 30-0FA6**		1	10 units	102	10.000
		Clear	C	**3SB39 30-0FA7**		1	10 units	102	10.000
	Buttons, flat For round illuminated pushbuttons and illuminated switches, metal version	Red	B	**3SB39 30-0GA2**		100	10 units	102	0.200
		Yellow	B	**3SB39 30-0GA3**		100	10 units	102	0.200
		Green	B	**3SB39 30-0GA4**		100	10 units	102	0.200
		Blue	B	**3SB39 30-0GA5**		100	10 units	102	0.200
		White	B	**3SB39 30-0GA6**		100	10 units	102	0.200
		Clear	B	**3SB39 30-0GA7**		100	10 units	102	0.200
	Buttons, flat, solvent-resistant cap[1)] For round illuminated pushbuttons and illuminated switches, metal version	Red	B	**3SB39 30-0GA20-0PA0**		100	10 units	102	0.200
		Yellow	B	**3SB39 30-0GA30-0PA0**		100	10 units	102	1000.00
		Green	B	**3SB39 30-0GA40-0PA0**		100	10 units	102	1000.00
		Blue	B	**3SB39 30-0GA50-0PA0**		100	10 units	102	1000.00
		White	B	**3SB39 30-0GA60-0PA0**		100	10 units	102	1000.00
		Clear	B	**3SB39 30-0GA70-0PA0**		100	10 units	102	1000.00
	Buttons, raised For round illuminated pushbuttons and illuminated switches, metal version	Red	C	**3SB39 30-0HA2**		1	10 units	102	10.000
		Yellow	C	**3SB39 30-0HA3**		1	10 units	102	10.000
		Green	C	**3SB39 30-0HA4**		1	10 units	102	10.000
		Blue	C	**3SB39 30-0HA5**		1	10 units	102	10.000
		White	C	**3SB39 30-0HA6**		1	10 units	102	10.000
		Clear	C	**3SB39 30-0HA7**		1	10 units	102	10.000
	Lenses, smooth For round indicator lights, plastic and metal version	Red	B	**3SB39 30-6BA2**		1	10 units	102	0.020
		Yellow	B	**3SB39 30-6BA3**		1	10 units	102	0.020
		Green	B	**3SB39 30-6BA4**		1	10 units	102	0.020
		Blue	B	**3SB39 30-6BA5**		1	10 units	102	0.020
		White	B	**3SB39 30-6BA6**		1	10 units	102	0.020
		Clear	B	**3SB39 30-6BA7**		1	10 units	102	0.020
	Lenses with concentric rings For round indicator lights, plastic and metal version	Red	B	**3SB39 30-6CA2**		1	10 units	102	0.020
		Yellow	B	**3SB39 30-6CA3**		1	10 units	102	0.020
		Green	B	**3SB39 30-6CA4**		1	10 units	102	0.020
		Blue	B	**3SB39 30-6CA5**		1	10 units	102	0.020
		White	B	**3SB39 30-6CA6**		1	10 units	102	0.020
		Clear	B	**3SB39 30-6CA7**		1	10 units	102	0.020
	Lenses, smooth For square indicator lights, plastic version	Red	B	**3SB39 50-6AA2**		1	10 units	102	0.002
		Yellow	B	**3SB39 50-6AA3**		1	10 units	102	0.002
		Green	B	**3SB39 50-6AA4**		1	10 units	102	0.002
		Blue	B	**3SB39 50-6AA5**		1	10 units	102	0.015
		White	B	**3SB39 50-6AA6**		1	10 units	102	0.002
		Clear	B	**3SB39 50-6AA7**		1	10 units	102	0.002
	Mounting tools For buttons and lenses, metal version	--	B	**3SB39 21-0BC**		1	1 unit	102	0.024

1) Not suitable for laser inscription.

Accessories and Spare Parts

Lamps, acoustic signal transformers and keys

Selection and ordering data

Version	Rated voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V								kg
Lamps, BA 9s bases									
Incandescent lamps 1.2 W Length up to 28 mm, max. bulb diameter 10 mm	24 AC/DC	Clear	A	**3SB19 02-0AY**		1	10 units	102	0.003
Incandescent lamps 2 W Length up to 28 mm, max. bulb diameter 10 mm	6 AC/DC	Clear	A	**3SX1 342**		1	10 units	102	0.003
	12 AC/DC		A	**3SX1 343**		1	10 units	102	0.003
	24 AC/DC		A	**3SX1 344**		1	10 units	102	0.003
	30 AC/DC		B	**3SB19 02-2AF**		1	10 units	102	0.003
	48 AC/DC		B	**3SB19 02-1AP**		1	10 units	102	0.003
	60 AC/DC		A	**3SR94 24**		1	10 units	102	0.003
Incandescent lamps 2.6 W Length up to 28 mm, max. bulb diameter 10 mm	110 ... 130[1] AC/DC	Clear	▶	**3SX1 731**		1	10 units	102	0.003
Multi-incandescent lamps 1.2 W Endurance 25 000 h, high resistance to vibration	24 AC/DC		B	**3SB19 02-2BU**		1	10 units	102	0.002
LED lamps, super-bright Length up to 28 mm, max. bulb diameter 10 mm, max. operating current 15 mA	24 AC/DC	Red	▶	**3SB39 01-1CA**		1	10 units	102	0.002
		Yellow	B	**3SB39 01-1BA**		1	10 units	102	0.002
		Green	▶	**3SB39 01-1DA**		1	10 units	102	0.002
		Blue	B	**3SB39 01-1PA**		1	10 units	102	0.002
		White	▶	**3SB39 01-1QA**		1	10 units	102	0.002
	48 AC/DC	Red	B	**3SB39 01-1CC**		1	10 units	102	0.002
		Yellow	B	**3SB39 01-1BC**		1	10 units	102	0.002
		Green	B	**3SB39 01-1DC**		1	10 units	102	0.002
		Blue	B	**3SB39 01-1PC**		1	10 units	102	0.002
		White	B	**3SB39 01-1QC**		1	10 units	102	0.002
	130 AC, up to 90 DC, if X1 at "+"	Red	B	**3SB39 01-1CD**		1	10 units	102	0.002
		Yellow	B	**3SB39 01-1BD**		1	10 units	102	0.002
		Green	B	**3SB39 01-1DD**		1	10 units	102	0.002
		Blue	B	**3SB39 01-1PD**		1	10 units	102	0.002
		White	B	**3SB39 01-1QD**		1	10 units	102	0.002
	230 AC, 110...160 DC, if X1 at "+"	Red	B	**3SB39 01-1CF**		1	10 units	102	0.003
		Yellow	B	**3SB39 01-1BF**		1	10 units	102	0.003
		Green	B	**3SB39 01-1DF**		1	10 units	102	0.003
		Blue	B	**3SB39 01-1PF**		1	10 units	102	0.003
		White	B	**3SB39 01-1QF**		1	10 units	102	0.003
	230 AC/DC	Red	B	**3SB39 01-1CG**		1	10 units	102	0.003
		Yellow	X	**3SB39 01-1BG**		1	10 units	102	0.003
		Green	B	**3SB39 01-1DG**		1	10 units	102	0.004
		Blue	X	**3SB39 01-1PG**		1	10 units	102	0.003
		White	B	**3SB39 01-1QG**		1	10 units	102	0.004
LED lamps Length up to 28 mm, max. bulb diameter 10 mm, max. operating current 15 mA	22 ... 32 DC	Red	D	**3SB19 02-4AJ**		1	10 units	102	0.002
		Yellow	D	**3SB19 02-4BJ**		1	10 units	102	0.002
		Green	D	**3SB19 02-4CJ**		1	10 units	102	0.002
LED lamps, flashing (1.4 Hz) Length up to 28 mm, max. bulb diameter 10 mm, operating current 24 ... 29 mA	24 DC	Red	B	**3SB19 02-4LC**		1	10 units	102	0.002
		Yellow	C	**3SB19 02-4MC**		1	10 units	102	0.002
		Green	C	**3SB19 02-4NC**		1	10 units	102	0.002
Glow lamps[2] Length 28 mm, bulb diameter 10 mm, operating current approx. 1.8 mA	110 AC	Clear	A	**3SX1 703**		1	10 units	102	0.003
	220 AC	Clear	A	**3SX1 701**		1	10 units	102	0.003
	220 AC	Green	C	**3SX1 702**		1	10 units	102	0.003
Lamp extractors For lamps with BA 9s base			▶	**3SB19 02-2AD**		1	1 unit	102	0.006
Lamp adapters For fitting a lamp with a wedge base socket into a BA 9s lampholder			D	**3SB19 02-1AU**		1	1 unit	102	0.002

1) Also for 230 V when used with a 3SB34 00-1C voltage reducer.

2) Due to the inherent orange color of glow lamps and their lower luminance level compared to incandescent lamps, it is recommended that they should only be used with clear or red screw lenses and in areas where ambient light levels are not very high.

* You can order this quantity or a multiple thereof.

Lamps, acoustic signal transformers and keys

Version	Rated voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V								kg
Lamps, wedge base									
Incandescent lamps Wedge base W2 × 4.6 d, 1.0 W	6 AC/DC	Clear	C	**3SB29 08-1AA**		100	10 units	102	0.100
	12 AC/DC		B	**3SB29 08-1AB**		100	10 units	102	0.100
	24 AC/DC		►	**3SB29 08-1AC**		100	10 units	102	0.100
	30 AC/DC		A	**3SB29 08-1AD**		100	10 units	102	0.100
	48 AC/DC		B	**3SB29 08-1AE**		1	10 units	102	0.001
	60 AC/DC		B	**3SB29 08-1AF**		1	10 units	102	0.001
LED lamps, super-bright Wedge base W2 × 4.6 d, operating current 10 mA	24 DC	Red	B	**3SB39 01-1SB**		1	10 units	102	0.001
		Yellow	B	**3SB39 01-1RB**		1	10 units	102	0.001
		Green	B	**3SB39 01-1TB**		1	10 units	102	0.001
		White	B	**3SB39 01-1UB**		1	10 units	102	0.001
		Blue	B	**3SB29 08-1BD**		1	10 units	102	0.001
Lamp extractors For lamps with sockets W2 × 4.6 d			►	**3SB29 08-2AB**		1	1 unit	102	0.003
Acoustic signal transformers, BA 9s base									
Acoustic signal transformer For acoustic signal devices[1] Operating current 25 mA, 0.6 W, sound pressure 80 dB/10 cm	24 ... 28 DC		B	**3SB19 02-2BN**		1	1 unit	102	0.004

1) For increased protection, the IP65 acoustic signaling device (complete unit) can be used.

Version of key-operated switch: Manufacturer	Lock No.	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
									kg
Key for actuating elements									
Ronis	SB 30		B	**3SB39 10-4A**		1	1 unit	102	0.012
BKS	S1		A	**3SY1 066**		1	1 unit	102	0.007
CES	LSG 1		B	**3SB19 10-2F**		1	1 unit	102	0.007
	SSG 10		B	**3SY1 054**		1	1 unit	102	0.007
	SSP 9		A	**3SY1 052**		1	1 unit	102	0.008
IKON	360012 K1		A	**3SY1 053**		1	1 unit	102	0.007
O.M.R.	73038	light blue	D	**3SB19 10-2L**		1	1 unit	102	0.011
	73037	Red	B	**3SB19 10-2M**		1	1 unit	102	0.011
	73034	Black	B	**3SB19 10-2N**		1	1 unit	102	0.011
	73033	Yellow	D	**3SB19 10-2P**		1	1 unit	102	0.011

*** You can order this quantity or a multiple thereof.**

Accessories and Spare Parts

Protective covers

Selection and ordering data

	Version	Use	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Protective caps, Elastolan, degree of protection IP67										
	Protective caps, clear For round version[1]	Flat button (plastic)	Transparent	B	**3SB39 21-0AJ**		1	1 unit	102	0.001
		Raised button (plastic), flat button (metal)	Transparent	B	**3SB39 21-0AM**		1	1 unit	102	0.002
	PVC	Raised button (metal)	Transparent	C	**3SB19 02-2AN**		1	1 unit	102	0.004
	Protective caps, clear For square version[1]	Flat button (plastic)	Transparent	B	**3SB39 41-0AJ**		1	1 unit	102	0.002
Protective caps, silicone, degree of protection IP67										
	Protective caps, clear For round version[1]	Flat button (plastic)	Transparent	B	**3SB39 21-0AH**		1	1 unit	102	0.002
		Raised button (plastic), flat button (metal)	Transparent	B	**3SB19 02-0AK**		1	1 unit	102	0.002
		Raised button (metal)	Transparent	B	**3SB19 02-0AN**		1	1 unit	102	0.003
	Protective caps, clear For round version[1]	Mushroom push-pull-button, Ø 40 mm	Transparent	B	**3SB19 02-2BH**		1	1 unit	102	0.006
	Protective caps, clear For square version[1]	Flat button (plastic)	Transparent	B	**3SB39 41-0AH**		1	1 unit	102	0.002
Further protective caps										
	Sealable caps[1] For round version[2]	Flat button (plastic)	Black	B	**3SB19 02-0AL**		1	1 unit	102	0.003
			Transparent	B	**3SB19 02-2AR**		1	1 unit	102	0.011
	Dust covers For use in dusty environments	Key-operated pushbuttons BKS, CES, IKON, O.M.R.	Transparent	B	**3SB39 21-0BT**		1	1 unit	102	0.003

1) Not to be used with label holder.

2) Not to be used on plastic enclosures.

* You can order this quantity or a multiple thereof.

Selection and ordering data

Version	Use	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Protective collars									
Protective collars for EMERGENCY STOP[1] For round version for front plate mounting	EMERGENCY-STOP mushroom pushbuttons without key-operated switch	Yellow	►	**3SB39 21-0AK**		1	1 unit	102	0.044
	EMERGENCY-STOP mushroom pushbuttons with key-operated switch	Yellow	B	**3SB39 21-0AX**		1	1 unit	102	0.053
Protective collars for EMERGENCY STOP for 5 padlocks[1] For round version for front plate mounting	EMERGENCY-STOP mushroom pushbuttons, 60 mm dia.	Yellow	►	**3SB39 21-0CG**		1	1 unit	102	0.044
Sun collars For round version for front plate mounting	Illuminated pushbuttons	Black	B	**3SB39 21-0AS**		1	1 unit	102	0.003
Blanking plugs for spare command positions									
Blanking plugs For plastic version, square		Black	B	**3SB39 41-0AA**		1	1 unit	102	0.013
Blanking plugs For plastic version, round		Black	►	**3SB39 21-0AA**		1	10 units	102	0.012
Blanking plugs For metal version, round		Aluminized	B	**3SB19 02-0AQ**		1	10 units	102	0.081

1) The protective collar must only be used to protect against inadvertent actuating and must be fitted to allow unimpeded access to the EMERGENCY-STOP mushroom pushbutton.

Version	Use	Color/ inscription	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Yellow name plates, as backing plate for EMERGENCY STOP, self-adhesive									
Name plates, round Self-adhesive, external diameter 80 mm, drilled hole 23 mm	EMERGENCY-STOP mushroom pushbuttons (round version)	Blank	B	**3SB39 21-0AB**		1	1 unit	102	0.002
		4 languages: G, En, It, Sp	B	**3SB39 21-0BW**		1	1 unit	102	0.001
		NOT-AUS	B	**3SB39 21-0AC**		1	1 unit	102	0.001
		NOT-HALT	B	**3SB39 41-0AK**		1	1 unit	102	0.001
		EMERGENCY STOP	B	**3SB39 21-0AD**		1	1 unit	102	0.001
		ARRET D'URGENCE	B	**3SB39 21-0AG**		1	1 unit	102	0.002
		EMERGENZA	B	**3SB39 21-0AN**		1	1 unit	102	0.002
Name plates, round Self-adhesive, external diameter 80 mm, cut-out 26 mm × 26 mm	EMERGENCY-STOP mushroom pushbuttons (square version)	Blank	B	**3SB39 41-0AB**		1	1 unit	102	0.001
		NOT-AUS	B	**3SB39 41-0AC**		1	1 unit	102	0.001
		EMERGENCY STOP	B	**3SB39 41-0AD**		1	1 unit	102	0.002
Yellow name plates, round 1 mm thick, external diameter 75 mm, drilled hole 22.5 mm	EMERGENCY-STOP mushroom pushbuttons (round version)	Blank	B	**3SB19 02-2BA**		1	1 unit	102	0.006
		NOT-AUS	B	**3SB19 02-2BB**		1	1 unit	102	0.006

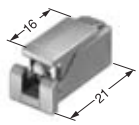
* You can order this quantity or a multiple thereof.

Accessories and Spare Parts

Miscellaneous accessories

	Version	Use	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Holders and pressure plates									
	Holders for pushbuttons and switches For snapping on 3 blocks	Pushbuttons, push-pull-buttons, mushroom pushbuttons with front plate mounting	▶	**3SB39 01-0AB**		100	20 units	102	0.100
	Holders for selector switches, key-operated switches and twin pushbuttons with pressure plates For actuating a central contact block	Selector switches, key-operated switches and twin pushbuttons with front plate mounting	▶	**3SB39 01-0AC**		100	10 units	102	0.200
	Pressure plates for selector switches and key-operated switches For actuating a central contact block	Selector switches and key-operated switches for use on PCBs or with base mounting	B	**3SB39 01-0AW**		100	10 units	102	0.100
Holders									
	Holders for plastic version, round		▶	**3SB39 31-0AA**		1	10 units	102	0.014
	Holders for plastic version, square		B	**3SB39 51-0AA**		1	1 unit	102	0.013
	Holders for metal version, round		▶	**3SB39 31-0AC**		1	10 units	102	0.044
	Grounding screws For grounding metal actuators for fitting in front plates made of non-conducting materials		B	**3SB39 21-0BD**		100	50 units	102	0.100

* You can order this quantity or a multiple thereof.

	Version	Use	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Tools										
	Blanking tools 26 mm × 26 mm, for square version			B	**3SB39 41-0AF**		1	1 unit	102	0.817
	Hole drilling templates For 30 mm × 30 mm grid, horizontal, for round and square versions			D	**3SB19 02-2BG**		1	1 unit	102	0.015
	Mounting tools For potentiometer actuators and for pushbuttons with extended stroke			C	**3SX1 707**		1	1 unit	102	0.018
	Disassembly tools For contact blocks and lampholders	Blocks with screw connection		B	**3SB39 01-0CB**		1	1 unit	102	0.015
	Disassembly tools For contact blocks and lampholders	Blocks with spring-loaded terminals		C	**3SB39 01-0CG**		1	1 unit	102	0.010
Various accessories										
	Single frames For square design of the round version		Black	B	**3SB39 21-0AU**		1	5 units	102	0.002
	Adapters Adapter for 30.5 mm mounting hole, comprising a metal disk with an adhesive layer on one side	As thrust ring for a thin plastic front plate		B	**3SB39 21-0AE**		1	1 unit	102	0.008
	**Holder for printed circuit boards** For mounting the commanding devices on the printed circuit board (screw supplied)	Contact blocks and lampholders for solder connection		B	**3SB39 01-0AA**		100	10 units	102	0.200
	Extension plungers For compensation of the distance between a pushbutton and the unlatching button of an overload relay	Pushbuttons with extended stroke		A	**3SX1 335**		1	1 unit	102	0.004
	Labeling plates For supporting dust resistance	Contact blocks		B	**3SB39 01-0CH**		1	10 units	102	0.001
	Unit labeling plates (Order No. and price per packing)	Contact blocks		B	**3TX4 210-0H**		100	100 units	101	3.000

* You can order this quantity or a multiple thereof.

Enclosures

General data

Overview

Enclosed pushbutton units and indicator lights are used as hand operated control devices for separately allocated control units and cabinets. The devices are suitable for use in any climate.

Enclosures with handle are available for suspension (e.g. for crane control units).

The enclosed pushbutton units and indicator lights are available with conventional controls as well as for connection to the AS-Interface bus system.

The following types are available:

- Enclosure with standard fittings with 1 to 3 command points
- Enclosure with customized equipment with 1 to 6 command points
- Empty enclosures (individual parts must be ordered separately)

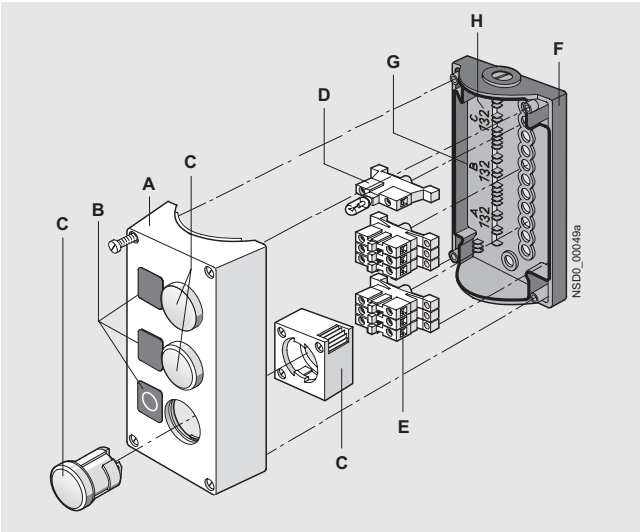
Customer-specific enclosures

Enclosures with more than 6 command points can also be supplied with AS-Interface connection.

For fully equipped AS-Interface enclosures, see catalog IK PI.

Standards

IEC 60947-5-1 (VDE 0660 Part 200).



A Top part of enclosure
B Labeling plates
C Actuating element with holder
D Function digit
E Contact blocks, lampholders for floor mounting
F Bottom part of enclosure
G Identification letters for the command points
H Identification number

Overview

Enclosures with standard fittings are available with:

- 1 to 3 command points
- Operating voltage up to 400 V
- Vertical mounting type

The actuator/indicator is fixed with an enclosure nut. If required it can be disassembled with a 27 mm socket wrench or with a 3SX17 07 ring nut wrench.

Contact blocks for base fixing are snapped into the base of the enclosure.

Molded-plastic enclosures are equipped with actuators and indicators made of plastic, metal enclosures are equipped with actuators and indicators made of metal.

Colors of cover of enclosure:

- Gray, RAL 7035
- Yellow, RAL 1004

Color of the base of the enclosure:

- Black, RAL 9005

Selection and ordering data

Equipment	Contact block function	Number of command points	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Molded-plastic enclosures with standard fittings									
Cable entry top and bottom each 1 x M20									
A = Pushbutton green, label "I"	1 NO	1	B	**3SB38 01-0DA3**		1	1 unit	102	0.210
A = Pushbutton red, label "O"	1 NC	1	B	**3SB38 01-0DB3**		1	1 unit	102	0.209
A = Pushbutton white, label "I"	1 NO	1	B	**3SB38 01-0DD3**		1	1 unit	102	0.205
A = Pushbutton black, label "O"	1 NC	1	B	**3SB38 01-0DE3**		1	1 unit	102	0.205
A = EMERGENCY-STOP mushroom pushbuttons, Ø 40 m, with positive latching acc. to EN 418,									
• With yellow top part, without protective collar	1 NC → 2)	1	B	**3SB38 01-0DG3**		1	1 unit	102	0.242
	2 NC → 2)	1	B	**3SB38 01-0EG3**		1	1 unit	102	0.250
• With yellow top part, with protective collar 1)	1 NC → 2)	1	B	**3SB38 01-0DF3**		1	1 unit	102	0.262
	2 NC → 2)	1	B	**3SB38 01-0EF3**		1	1 unit	102	0.270
B = Pushbutton green, label "I", A = Pushbutton red, label "O"	1 NO, 1 NC	2	B	**3SB38 02-0DA3**		1	1 unit	102	0.261
B = Pushbutton white, label "I", A = Pushbutton black, label "O"	1 NO, 1 NC	2	B	**3SB38 02-0DB3**		1	1 unit	102	0.260
C = Indicator light clear, label without inscription, B = Pushbutton green, label "I", A = Pushbutton red, label "O"	BA 9s, 1 NO, 1 NC	3	B	**3SB38 03-0DA3**		1	1 unit	102	0.329
C = Pushbutton black, label "II", B = Pushbutton black, label "I", A = Pushbutton red, label "O"	1 NO, 1 NO, 1 NC	3	C	**3SB38 03-0DB3**		1	1 unit	102	0.324
C = Indicator light clear, label without inscription, B = Pushbutton white, label "I", A = Pushbutton black, label "O"	BA 9s, 1 NO, 1 NC	3	C	**3SB38 03-0DC3**		1	1 unit	102	0.328

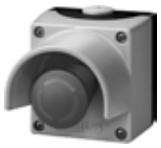
1) The protective collar must only be used to protect against inadvertent actuating and must be fitted to allow unimpeded access to the EMERGENCY-STOP mushroom pushbutton.

2) Positive openung according to IEC 60947-5-1, Appendix K.

*** You can order this quantity or a multiple thereof.**

Enclosures

Enclosures with standard fittings

Equipment	Contact block function	Number of command points	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Metal enclosures with standard fittings									
Cable entry top and bottom each 1 x M20									
A = Pushbutton green, label "I"	1 NO	1	B	**3SB38 01-2DA3**		1	1 unit	102	0.532
A = Pushbutton red, label "O"	1 NC	1	B	**3SB38 01-2DB3**		1	1 unit	102	0.535
A = Pushbutton white, label "I"	1 NO	1	B	**3SB38 01-2DD3**		1	1 unit	102	0.538
A = Pushbutton black, label "O"	1 NC	1	B	**3SB38 01-2DE3**		1	1 unit	102	0.530
 A = EMERGENCY-STOP mushroom pushbutton, Ø 40 m, with positive latching acc. to EN 418									
• With yellow top part, without protective collar	1 NC → 2)	1	B	**3SB38 01-2DG3**		1	1 unit	102	0.591
	2 NC → 2)	1	B	**3SB38 01-2EG3**		1	1 unit	102	0.590
• With yellow top part, with protective collar 1)	1 NC → 2)	1	B	**3SB38 01-2DF3**		1	1 unit	102	0.684
	2 NC → 2)	1	B	**3SB38 01-2EF3**		1	1 unit	102	0.680
A = EMERGENCY-STOP mushroom pushbutton, Ø 60 m, with positive latching acc. to EN 418									
• With yellow top part, with protective collar for 5 padlocks	2 NC	1	B	**3SB38 01-2EA30-0CC0**		1	1 unit	102	0.591
• With gray top part, with protective collar for 5 padlocks	2 NC	1	B	**3SB38 01-2EB30-0CC0**		1	1 unit	102	0.591
B = Pushbutton green, label "I", A = Pushbutton red, label "O"	1 NO, 1 NC	2	B	**3SB38 02-2DA3**		1	1 unit	102	0.675
B = Pushbutton white, label "I", A = Pushbutton black, label "O"	1 NO, 1 NC	2	B	**3SB38 02-2DB3**		1	1 unit	102	0.667
C = Indicator light clear, label without inscription, B = Pushbutton green, label "I", A = Pushbutton red, label "O"	BA 9s, 1 NO, 1 NC	3	B	**3SB38 03-2DA3**		1	1 unit	102	0.840
C = Pushbutton black, label "II", B = Pushbutton black, label "I", A = Pushbutton red, label "O"	1 NO, 1 NO, 1 NC	3	B	**3SB38 03-2DB3**		1	1 unit	102	0.856
C = Indicator light clear, label without inscription, B = Pushbutton white, label "I", A = Pushbutton black, label "O"	BA 9s, 1 NO, 1 NC	3	B	**3SB38 03-2DC3**		1	1 unit	102	0.844

1) The protective collar must only be used to protect against inadvertent actuating and must be fitted to allow unimpeded access to the EMERGENCY-STOP mushroom pushbutton.

2) Positive openung according to IEC 60947-5-1, Appendix K.

*** You can order this quantity or a multiple thereof.**

Selection and ordering data

Version	Number of command points	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Empty enclosures, molded plastic								
Cable entry top and bottom each 1 x M20 for 1 to 3 command points, each 1 x M25 for 4 and 6 command points								
For contact blocks, lampholders and accessories with snap-on floor mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening) With gray top section	1	B	**3SB38 01-0AA3**		1	1 unit	102	0.185
	2	B	**3SB38 02-0AA3**		1	1 unit	102	0.214
	3	B	**3SB38 03-0AA3**		1	1 unit	102	0.258
	4	B	**3SB38 04-0AA3**		1	1 unit	102	0.301
	6	B	**3SB38 06-0AA3**		1	1 unit	102	0.427
For EMERGENCY STOP, for contact blocks, lampholders and accessories with snap-on floor mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening)								
• With yellow top part, without protective collar	1	B	**3SB38 01-0AB3**		1	1 unit	102	0.185
• With yellow top part, with protective collar[1)]	1	B	**3SB38 01-0AD3**		1	1 unit	102	0.213
Empty enclosures, metal								
Cable entry top and bottom each 1 x M20 for 1 to 3 command points, each 1 x M25 for 4 and 6 command points								
For contact blocks, lampholders and accessories with snap-on floor mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening) With gray top section	1	B	**3SB38 01-2AA3**		1	1 unit	102	0.445
	2	B	**3SB38 02-2AA3**		1	1 unit	102	0.524
	3	B	**3SB38 03-2AA3**		1	1 unit	102	0.634
	4	B	**3SB38 04-2AA3**		1	1 unit	102	0.735
	6	B	**3SB38 06-2AA3**		1	1 unit	102	0.985
For EMERGENCY STOP, for contact blocks, lampholders and accessories with snap-on floor mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening)								
• With yellow top part, without protective collar	1	B	**3SB38 01-2AB3**		1	1 unit	102	0.447
• With yellow top part, with protective collar[1)]	1	B	**3SB38 01-2AD3**		1	1 unit	102	0.551

1) The protective collar must only be used to protect against inadvertent actuating and must be fitted to allow unimpeded access to the EMERGENCY-STOP mushroom pushbutton.

*** You can order this quantity or a multiple thereof.**

Enclosures

Customer-specific enclosures

Overview

Customized enclosures are available with:

- 1 to 6 command points
- Operating voltage up to 400 V

One command point comprises:

- 1 actuator or indicator
- Up to 3 contact blocks or up to 2 contact blocks + 1 lampholder
- 1 labeling plate

The equipment for the control points must be selected in accordance with the tables (see Options).

Molded-plastic enclosures are equipped as standard with actuators and indicators made of plastic, metal enclosures are equipped with actuators and indicators made of metal.

For routing the cable in, one opening for M20 (for 1 to 3 control points) or for M25 (for 4 or 6 control points) is provided at the top and bottom.

Ordering

To order customized enclosures with the 3SB3 command devices, please fill out the corresponding order form.

To fill out the order form, please use our online configurator:

https://www.mall.automation.siemens.com

To place an order using the printed version of the order form (see Options), please get in touch with your Siemens contact.

Enter the desired options into the order form, such as type of actuators, switching contacts, lampholders or accessories (labels or the like). The codes that are to be entered in the form can be obtained from the list of options that are subject to a surcharge.

Pricing

The price of the device is calculated from the basic price of the respective version (empty enclosure) and the additional prices for the complements (see page 9/91 to 9/94).

The additional prices include all components which depend on the selected configuration options, i.e. type of actuators, contacts, lampholders and accessories, such as labels, lamps, connection sockets, slaves required, etc.

Selection and ordering data

Version	Number of command points	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Molded-plastic enclosures								
3SB38 03-.AZ (The components illustrated are only an example)								
With contact blocks and lampholders for floor mounting	1	C	**3SB38 01-0AZ**		1	1 unit	102	
	2	C	**3SB38 02-0AZ**		1	1 unit	102	
	3	C	**3SB38 03-0AZ**		1	1 unit	102	
	4	B	**3SB38 04-0AZ**		1	1 unit	102	
	6	B	**3SB38 06-0AZ**		1	1 unit	102	
With single-pole contact blocks and lampholders for front plate mounting	1	C	**3SB38 01-1AZ**		1	1 unit	102	
	2	C	**3SB38 02-1AZ**		1	1 unit	102	
	3	C	**3SB38 03-1AZ**		1	1 unit	102	
	4	B	**3SB38 04-1AZ**		1	1 unit	102	
	6	B	**3SB38 06-1AZ**		1	1 unit	102	
Metal enclosures								
3SB38 03-.AZ (The components illustrated are only an example)								
With contact blocks and lampholders for floor mounting	1	C	**3SB38 01-2AZ**		1	1 unit	102	
	2	C	**3SB38 02-2AZ**		1	1 unit	102	
	3	C	**3SB38 03-2AZ**		1	1 unit	102	
	4	C	**3SB38 04-2AZ**		1	1 unit	102	
	6	C	**3SB38 06-2AZ**		1	1 unit	102	
With single-pole contact blocks and lampholders for front plate mounting	1	C	**3SB38 01-3AZ**		1	1 unit	102	
	2	C	**3SB38 02-3AZ**		1	1 unit	102	
	3	C	**3SB38 03-3AZ**		1	1 unit	102	
	4	C	**3SB38 04-3AZ**		1	1 unit	102	
	6	C	**3SB38 06-3AZ**		1	1 unit	102	
Suspended pushbutton With holding plate and handle, customized equipment	max. 6	D	**3SB38 87-1AZ**		1	1 unit	102	

* You can order this quantity or a multiple thereof.

Options

Order form supplement for customized equipment

To fill out the order form, please use our online configurator:
https://www.mall.automation.siemens.com

Guide for completing the order form supplement

1. Enter the Item No.

2. Enter the quantity required.

3. Enter the required Order No, e.g.:

- 3SB38 0.–0AZ for molded-plastic enclosure, floor mounting contact blocks
- 3SB38 0.–1AZ for molded-plastic enclosure, contact blocks for front plate mounting
- 3SB38 0.–2AZ for metal enclosure, floor mounting contact blocks
- 3SB38 0.–3AZ for metal enclosure, contact blocks for front plate mounting

Enter Order No. supplement for the 7th position (No. of command points).

4. Enter data in the diagram.

4.1 Select actuators from the selection tables.

Enter the appropriate code. Mushroom pushbuttons of diameter 40 mm cannot be placed next to each other because of the close spacing.

The purpose of the identification letter (A to F) on the inside of the cover and base of the enclosure is to simplify ordering and complementing of enclosures.

Should a command point not be required, state the code for a blanking plug.

Please note IEC 60204-1/EN 60204-1 (VDE 0113 Part 1):

- The OFF pushbutton should be black, the ON pushbutton white. Illuminated pushbuttons should not be used as OFF pushbuttons.
- A yellow name plate must be used in conjunction with a red EMERGENCY-STOP mushroom pushbutton according to ISO 13850 or EN 418. This is available at an additional charge (see 4.6).

4.2 Specify contact blocks, lampholders and voltage reducers for each command point.

Select the codes for the desired equipment in accordance with the relevant table and enter them in the appropriate column. For the following devices, the quantity and type of required contact blocks, lampholders etc. must be entered:

- Pushbuttons
- Actuators with 2 positions
- Illuminated pushbuttons
- Indicator lights

Illuminated pushbutton units and indicator lights are supplied with a factory-fitted, integral LED. The colors of the LEDs correspond to the color of the actuator.

The relevant selection table contains all the possible combinations for 3-position actuators according to EN 50013. Enter the appropriate code. If a different arrangement of contact blocks is desired for a command point, this command point must be ordered without contact blocks. The contact blocks must be ordered separately and fitted into the enclosure.

The command points in the enclosure can be fitted with a maximum of 3 contact blocks or 2 contact blocks and 1 lampholder.

4.3 Notes on special versions of equipment

Non-standard refers to equipment that differs from that listed in this catalog, e.g.

- Insert labels for illuminated pushbuttons: Select and enter Order No.
- For lockable actuators: Special locks (= different Lock No.)

4.4 Inscription of the labeling plates

Enter the text. Select labeling plates according to the ordering data. If a blank plate is required, state "blank". The labeling plates are delivered loose.

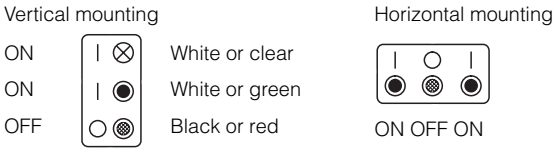
If no labeling plate is to be fitted, enter "without plate".

Labeling plates with a special text can be supplied at an additional charge. Enter the text. The labeling plates will then be delivered with the plates stuck to the cover of the enclosure.

The inscriptions have upper case initial letters.

4.5 Tick the position of the labeling plate for horizontal or vertical mounting.

If no entry is made, the equipment will be supplied for vertical mounting.



4.6 Special features (only if required)

Special features are, for example, loose delivered plates, protective collars or versions of enclosures that differ from those listed in this catalog. If required, tick for example the yellow backing plate according to EN 60204 (VDE 0113 Part 1). Enclosures with only one command point will then be supplied with a yellow cover. Should the enclosure have more than one command point, a yellow name plate will be factory fitted at point "A". If the yellow name plate should be fixed to another command point, please state which one this is to be.

4.7 Type of actuators

Specify here, whether an actuator made of molded-plastic or metal should be fitted.

If this is not specified, molded-plastic actuators will be used with molded-plastic enclosures and metal actuators will be used with metal enclosures.

4.8 Connection system

Specify here whether contact blocks and lampholders should be used with spring-loaded terminals or screw connection (box terminals).

If this is not specified, elements with screw connection will be used.

For AS-Interface enclosures, see catalog IK PI.

Enclosures

Customer-specific enclosures

To fill out the order form supplement, please use our online configurator:

https://www.mall.automation.siemens.com

To place an order using this order form supplement, please get in touch with your Siemens contact.

Order form supplement

Recipient over the Internet

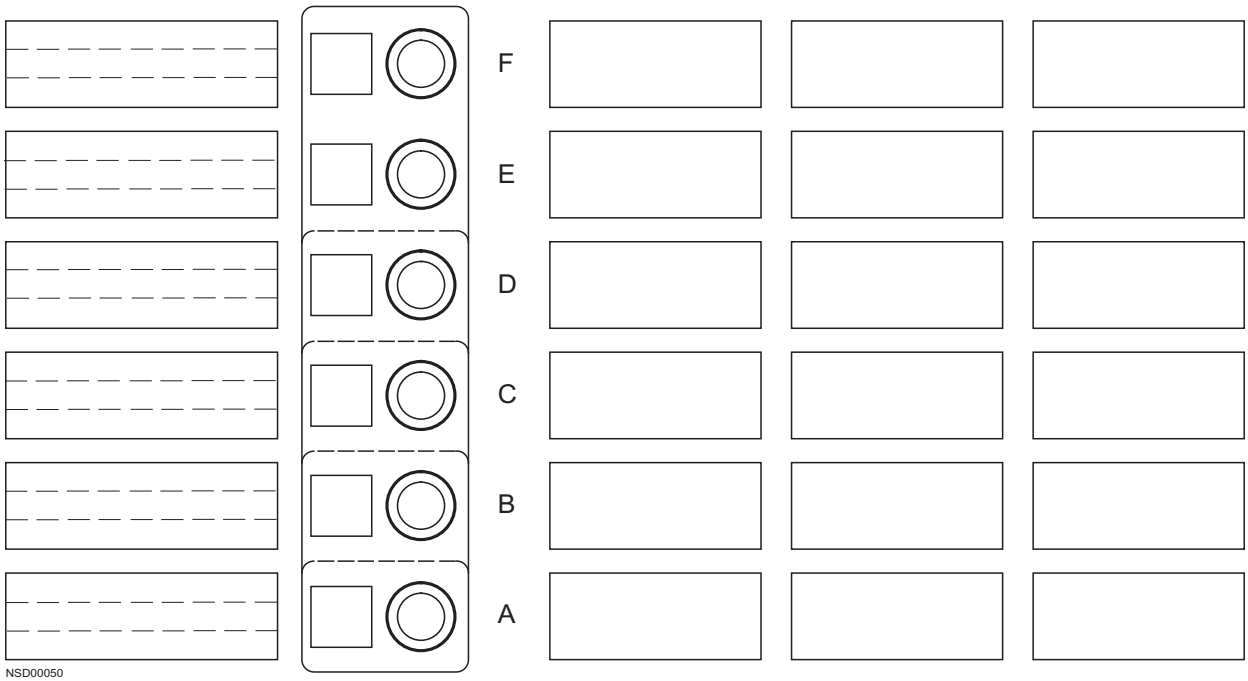
Date	Purchaser's order reference/Order ref 1	Supplier's order reference

1. Item No. **2. Quantity** **3. Order No**. (complete according to selection table)

3SB38 . . – . . Z

4. Equipment

4.4 Inscription of the labeling plates (up to 11 characters, 1 to 3 lines)		4.1 Actuators (order codes)	4.2 Contact blocks, lampholders and voltage reducers (codes)*	4.3 Notes on special versions, e.g. LED, lamp voltage, insert labels, laser inscription, special lock
	Top or right			
	F			
	E			
	D			
	C			
	B			
	A			
	Bottom or left	A to F are identification letters on the inside of the covers and bases		



4.5 Position of labeling plates for

- ❑ Vertical mounting
- ❑ Horizontal mounting

4.6 Special features, e.g.

- ❑ Yellow backing plate at command point "A" or yellow cover for enclosed units with only one command point
- ❑ With protective collar (see Configurator)

4.7 Actuators

- ❑ Molded-plastic version
- ❑ Metal version

4.8 Connection system

- ❑ Screw connection (box terminals)
- ❑ Spring-loaded terminals

* If 3-position actuators are used, the numerical codes shown in this catalog for the contact block arrangement must be stated (e.g. 03 for 2 NO, 05 for 2 NC etc.).

Select according to order form supplement, Section 4.1

Version	Codes for colors														Additional price per command point
	Black		Red		Yellow		Green		Blue		White		Clear		
Actuating elements and signaling devices															
Blank plug for 22.5 mm	BV	BK[1)]	--		--		--		--		--		BV	AL[2)]	
Pushbutton with flat button	D	BK	D	RD	D	YE	D	GN	D	BU	D	WH	D	CL	
Illuminated pushbutton with flat button	--		DL	RD	DL	YE	DL	GN	DL	BU	DL	WH	DL	CL	
Pushbutton with raised button	DH	BK	DH	RD	DH	YE	--		DH	BU	--		--		
Illuminated pushbutton with raised button	--		DHL	RD	DHL	YE	DHL	GN	DHL	BU	--		DHL	CL	
Pushbutton with with raised front ring	DHF	BK	DHF	RD	DHF	YE	DHF	GN	DHF	BU	DHF	WH	--		
Pushbutton with raised front ring, castellated[1)]	DFZ	BK	DFZ	RD	DFZ	YE	DFZ	GN	DFZ	BU	DFZ	WH	--		
Pushbutton switch with flat button	DS	BK	DS	RD	DS	YE	DS	GN	DS	BU	DS	WH	--		
Illuminated pushbutton switch with flat button	--		DLS	RD	DLS	YE	DLS	GN	DLS	BU	DLS	WH	DLS	CL	
Mushroom pushbutton, Ø 30 mm	P30	BK	P30	RD	P30	YE	P30	GN	--		--		--		
Illuminated mushroom pushbutton, Ø 30 mm	--		--		PL30	YE	PL30	GN	--		PL30	WH	--		
Mushroom pushbutton, Ø 40 mm	P	BK	P	RD	P	YE	P	GN	--		--		--		
Illuminated mushroom pushbutton, Ø 40 mm	--		PL	RD	PL	YE	PL	GN	--		--		--		
Pushbutton with raised button, latching: latches by pressing in and turning to the right, unlatches by turning to the left[1)]	DHR	BK	DHR	RD	--		--		--		--		--		
EMERGENCY-STOP mushroom pushbutton acc. to EN 418 (ISO 13850), Ø 40 mm, with positive latching, latches by turning to the left			PRÜ 32	RD											
EMERGENCY-STOP mushroom pushbutton acc. to EN 418 (ISO 13850), Ø 40 mm, with positive latching, latches by turning to the left	--		PRÜ 40	RD	--		--		--		--		--		
EMERGENCY-STOP mushroom pushbutton acc. to EN 418 (ISO 13850), Ø 40 mm, with positive latching, unlatches by pulling	--		PRZ 40	RD											
EMERGENCY-STOP mushroom pushbutton acc. to EN 418 (ISO 13850), Ø 40 mm, with positive latching, with RONIS key-operated switch, lock No. SB30	--		PRS 30	RD	--		--		--		--		--		
EMERGENCY-STOP mushroom pushbutton acc. to EN 418 (ISO 13850), Ø 40 mm, with positive latching, with CES key-operated switch, lock No. SSG10	--		PRS 10	RD	--		--		--		--		--		
EMERGENCY-STOP mushroom pushbutton acc. to EN 418 (ISO 13850), Ø 40 mm, with positive latching, with BKS key-operated switch, lock No. S1	--		PRS S1	RD	--		--		--		--		--		
EMERGENCY-STOP mushroom pushbutton acc. to EN 418 (ISO 13850), Ø 40 mm, with positive latching, with O.M.R. key-operated switch, lock No. 73037	--		PRS 73	RD	--		--		--		--		--		
Acoustic signaling device, IP40[1)]	AMK	BK	--		--		--		--		--		--		
Indicator light, smooth lens	--		L	RD	L	YE	L	GN	L	BU	L	WH	L	CL	
Push-pull-button with snap action, Ø 30 mm	DZ 30	BK	DZ30	RD	--		--		--		--		--		
Push-pull-button, illuminated with snap action, Ø 30 mm	--		DZB30	RD	DZB30	YE	DZB30	GN	DZB30	BU	--		DZB30	CL	
Push-pull-button with snap action, Ø 40 mm	DZ	BK	DZ	RD	--		--		--		--		--		
Push-pull-button, illuminated with snap action, Ø 40 mm	--		DZB	RD	DZB	YE	DZB	GN	DZB	BU	--		DZB	CL	

1) Only for molded-plastic version.

2) Only for metal version.

Enclosures

Customer-specific enclosures

Select according to order form supplement, Section 4.1

Version	Codes for colors												Additional price per command point
	Black		Red		Yellow		Green		Blue		White		Clear		
Selector switches with 2 switch positions															
Switching sequence O–I, latching															
Non-illuminated	K1	BK	K1	RD	--		K1	GN	--		K1	WH	--		
Illuminated	--		BK1	RD	BK1	YE	BK1	GN	BK1	BU	--		BK1	CL	
Switching sequence O–I, momentary contact															
Non-illuminated	K2	BK	K2	RD	--		K2	GN	--		K2	WH	--		
Illuminated	--		BK2	RD	BK2	YE	BK2	GN	BK2	BU	--		BK2	CL	
Selector switches with 3 switch positions															
Switching sequence I–O–II, latching															
Non-illuminated	K4	BK	K4	RD	--		K4	GN	--		K4	WH	--		
Illuminated	--		BK4	RD	BK4	YE	BK4	GN	BK4	BU	--		BK4	CL	
Switching sequence I–O–II, momentary contact															
Non-illuminated	K5	BK	K5	RD	--		K5	GN	--		K5	WH	--		
Illuminated	--		BK5	RD	BK5	YE	BK5	GN	BK5	BU	--		BK5	CL	
Switching sequence I–O–II, latching to the right, momentary contact to the left															
Non-illuminated	K6	BK	K6	RD	--		K6	GN	--		K6	WH	--		
Switching sequence I–O–II, latching to the left, momentary contact to the right															
Non-illuminated	K7	BK	K7	RD	--		K7	GN	--		K7	WH	--		

Version	**Code** Key removable in position												Additional price per command point
	O		I		II		O and I		O and II		I and II		I, O and II		
Key-operated switches with 2 switch positions															
Switching sequence O–I, latching															
RONIS type, lock No. SB30	RSB	1A	RSB	1E	--		RSB	1AE	--		--		--		
CES type, lock No. SSG 10	CES	1A	CES	1E	--		CES	1AE	--		--		--		
lock No. LSG 1	CESL	1A	--		--		CESL	1AE	--		--		--		
IKON type, lock No. 360012 K1	Z-J	1A	--		--		Z-J	1AE	--		--		--		
BKS type, lock No. S1	BKS	1A	BKS	1E	--		BKS	1AE	--		--		--		
lock No. E1 (for VW)	BKS A	1A	--		--		BKS A	1AE	--		--		--		
lock No. E2 (for VW)	BKS E	1A	--		--		BKS E	1AE	--		--		--		
lock No. E7 (for VW)	BKS C	1A	--		--		BKS C	1AE	--		--		--		
lock No. E9 (for VW)	BKS B	1A	--		--		BKS B	1AE	--		--		--		
O.M.R. type, black, lock No. 73034	OMR BK	1A	OMR BK	1E	--		OMR BK	1AE	--		--		--		
Switching sequence O–I, momentary contact															
RONIS type, lock No. SB30	RSB	2A	--		--		--		--		--		--		
CES type, lock No. SSG 10	CES	2A	--		--		--		--		--		--		
Lock No. LSG 1	CESL	2A	--		--		--		--		--		--		
IKON type, lock No. 360012 K1	Z-J	2A	--		--		--		--		--		--		
BKS type, lock No. S1	BKS	2A	--		--		--		--		--		--		
O.M.R. type, black, lock No. 73034	OMR BK	2A	--		--		--		--		--		--		

Select according to order form supplement, Section 4.1

Version	**Code** Key removable in position						Additional price per command point
	O	I	II	O and I	O and II	I and II	I, O and II	
Key-operated switches with 3 switch positions								
Switching sequence I–O–II, latching								
RONIS type, lock No. SB30	RSB 4A	RSB 4E	RSB 4D	--	--	RSB 4ED	RSB 4EAD	
CES type, lock No. SSG 10	CES 4A	CES 4E	CES 4D	--	--	CES 4ED	CES 4EAD	
IKON type, lock No. 360012 K1	Z-J 4A	Z-J 4E	Z-J 4D	--	--	Z-J 4ED	Z-J 4EAD	
BKS type, lock No. S1	BKS 4A	BKS 4E	BKS 4D	--	--	BKS 4ED	BKS 4EAD	
O.M.R. type, black, lock No. 73034	OMR BK 4A	--	--	--	--	OMR BK 4ED	OMR BK 4EAD	
Switching sequence I–O–II, momentary contact								
RONIS type, lock No. SB30	RSB 5A	--	--	--	--	--	--	
CES type, lock No. SSG 10	CES 5A	--	--	--	--	--	--	
IKON type, lock No. 360012 K1	Z-J5A	--	--	--	--	--	--	
BKS type, lock No. S1	BKS5A	--	--	--	--	--	--	
O.M.R. type, black, lock No. 73034	OMR BK 5A	--	--	--	--	--	--	
Switching sequence I–O–II, latching to the right, momentary contact to the left								
RONIS type, lock No. SB30	RSB 6A	--	RSB 6D	--	RSB 6AD	--	--	
CES type, lock No. SSG 10	CES 6A	--	CES 6D	--	CES 6AD	--	--	
IKON type, lock No. 360012 K1	Z-J 6A	--	Z-J 6D	--	Z-J 6AD	--	--	
BKS type, lock No. S1	BKS 6A	--	BKS 6D	--	BKS 6AD	--	--	
O.M.R. type, black, lock No. 73034	OMR BK 6A	--	OMR BK 6D	--	OMR BK 6AD	--	--	
Switching sequence I–O–II, latching to the left, momentary contact to the right								
RONIS type, lock No. SB30	RSB 7A	RSB 7E	--	RSB 7AE	--	--	--	
CES type, lock No. SSG 10	CES 7A	CES 7E	--	CES 7AE	--	--	--	
IKON type, lock No. 360012 K1	Z-J 7A	Z-J 7E	--	Z-J 7AE	--	--	--	
BKS type, lock No. S1	BKS 7A	BKS 7E	--	BKS 7AE	--	--	--	
O.M.R. type, black, lock No. 73034	OMR BK 7A	OMR BK 7E	--	--	--	--	--	

Enclosures

Customer-specific enclosures

Select according to order form supplement, Section 4.2

	Version		Codes	Additional price per command point
Contact blocks, lampholders and voltage reducers				
Codes for lampholders and actuators with 2 switch positions	Contact block	NO contact	**NO**	
		NC contact	**NC**	
	BA 9s lampholder without lamp[1]		**BA 9s**	
	BA 9s lampholder with lamp, enter Order No. under 4.3 (Notes)[1) 2)]		**BA 9s L**	
	BA 9s lampholder + voltage reducer + 130 V lamp[1]	230 V AC	**BA 9s VL**	
	BA 9s lampholder + acoustic signal transformer[1]		**BA 9s S**	
	Lampholder with integral LED	24 V AC/DC	**LED 24**	
		110 V AC	**LED 110**	
		230 V AC	**LED 230**	
	Holder for snapping on 3 blocks with front plate mounting			
	Holder with pressure plates for selector switches and key-operated switches for actuating a central contact block, with front plate mounting			
	Pressure plate for selector switches and key-operated switches for actuating a central contact block, with floor mounting			
	Support terminal	Black	**Sk BK**	
		Blue	**Sk BU**	
		Green/Yellow	**Sk GNYE**	

	Number and type of contact blocks	In switch position I		In switch position II		Codes	Additional price per command point
		Actuated	Contact identification	Actuated	Contact identification		
Codes for contact blocks with 3 switch positions	2 NO	1 NO	13/14	1 NO	23/24	**03**	
	1 NO + 1 NC	1 NO	13/14	1 NC	21/22	**04**	
	2 NC	1 NC	11/12	1 NC	21/22	**05**	
	3 NO	2 NO	13/14 and 33/34	1 NO	23/24	**07**	
		1 NO	13/14	2 NO	23/24 and 33/34	**08**	
		2 NO	13/14 and 33/34[3)]	2 NO	23/24 and 33/34[3)]	**06**	
	2 NO + 1 NC	2 NO	13/14 and 33/34	1 NC	21/22	**11**	
		1 NO	13/14	1 NC + 1 NO	21/22 and 33/34	**12**	
		2 NO	13/14 and 33/34[3)]	1 NC + 1 NO	21/22 and 33/34[3)]	**10**	
		1 NO + 1 NC	13/14 and 31/32	1 NC + 1 NO 1 NC + 1 NC	23/24 and 31/32	**19**	
	1 NO + 2 NC	1 NO + 1 NC	13/14 and 31/32	1 NC	21/22	**14**	
		1 NO	13/14	2 NC	21/22 and 31/32	**15**	
		1 NO + 1 NC	13/14 and 31/32[3)]	2 NC	21/22 and 31/32[3)]	**13**	
	3 NC	2 NC	11/12 and 31/32	1 NC	21/22	**17**	
		1 NC	11/12	2 NC	21/22 and 31/32	**18**	
		2 NC	11/12 and 31/32[3)]	2 NC	21/22 and 31/32[3)]	**16**	

Select according to order form supplement, Section 4.4

	Inscriptions		Additional price per command point
Inscription labels	With inscription	Laser-printed inscription	
	Without inscription		

Special versions

	Version		Additional price per command point
Pushbutton in enclosure	Fitting a yellow backing plate	Without inscription	
		With recess for labeling plate	
	Enclosure with yellow top section[4)]		

1) Only for lampholders with screw connection.

2) For lamps, see page 9/78.

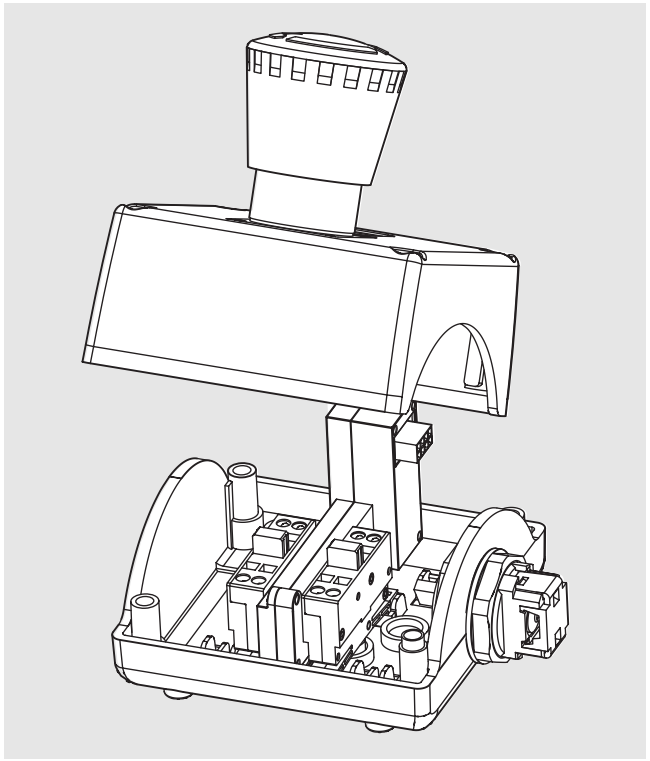
3) This contact block is actuated in positions I and II.

4) Only possible for enclosures with 1 command point.

Components for AS-Interface enclosures

Overview

Distributed command devices of the 3SB3 series can be quickly connected to the AS-Interface using AS-Interface enclosures. Using suitable components you can make your own enclosures with integrated AS-Interface or flexibly modify existing enclosures.



The enclosures with integrated AS-Interface are equipped with contact blocks and LED lampholders with spring-loaded terminals from the 3SB3 series along with the slave(s) required to connect the contact blocks and lampholders to AS-Interface.

AS-Interface modules, cable sets and a connection element are required in addition to connect the contact blocks and LED lampholders.

AS-Interface slaves

The following slave types are available:

- Slave in A/B technology with 4 inputs and 3 outputs
- Slave with 4 inputs and 4 outputs
- F slave with 2 safe inputs

The following table shows the maximum number of equippable slaves:

Enclosure for	Number of slaves for enclosures without EMERGENCY STOP	Number of slaves for enclosures with EMERGENCY STOP
1 command point	Not available	1x F slave
2 command points	1 x slave 4I/4O or 4I/3O	Not available
3 command points	1 x slave 4I/4O or 4I/3O	1 x slave 4I/4O or 4I/3O + 1 x F slave
4 command points	2 x slave 4I/4O or 4I/3O[1)]	2 x slave 4I/4O or 4I/3O + 1 x F slave[1)]
6 command points	2 x slave 4I/4O or 4I/3O	2 x slave 4I/4O or 4I/3O + 1 x F slave

1) For metal enclosures only 1 x slave 4I/4O or 4I/3O is possible.

Design

Connection

One set of links is required in each case to connect a slave to contact blocks, to lampholders and to the connection element.

The connection elements are mounted in the front-end cable glands and are used for connection of the AS-Interface or for bringing unused inputs or outputs out of the enclosure.

For connection to the AS-Interface bus there is a choice of the following options:

- Terminal for shaped AS-Interface cable. The cable is contacted by the insulation displacement method and routed past the enclosure on the outside (possible only with plastic enclosure).
- Cable gland for the shaped AS-Interface cable or round cable. The cable is routed into the enclosure (preferable for metal enclosure).
- Connection using M12 plug

If less than all inputs/outputs of the installed slaves in an enclosure are used for connecting the commanding devices, free inputs and outputs can be routed on request to the outside through an M12 socket on the top or bottom side of the enclosure.

To supply inputs with power, the S+ connection of the must be assigned to the socket, for outputs the OUT– connection must be assigned.

Addressing is performed using the AS-Interface connections or the integrated addressing socket. An external power supply is not required.

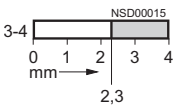
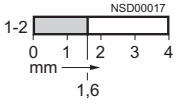
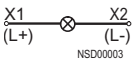
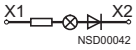
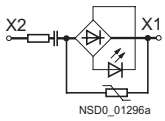
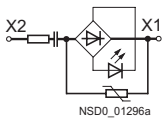
Components for AS-Interface enclosures

Selection and ordering data

Version	Number of command points	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
For molded-plastic enclosures								
AS-Interface slaves								
F slave, 2 safe inputs, for molded-plastic enclosure, without protective collar	1 ... 6	A	**3SF5 500-0BA**		1	1 unit	121	0.415
F slave, 2 safe inputs, for molded-plastic or metal enclosure, with protective collar	1	A	**3SF5 500-0DA**		1	1 unit	121	0.415
A/B slave, 4I/3O, for molded-plastic enclosure	2 ... 6	A	**3SF5 500-0BB**		1	1 unit	121	0.001
Slave, 4I/4O, for molded-plastic enclosure	2 ... 6	A	**3SF5 500-0BC**		1	1 unit	121	0.001
Set of links								
For F slave		A	**3SF5 900-0BA**		1	1 unit	121	0.001
For slave 4I/4O or A/B slave 4I(3O)		A	**3SF5 900-0BB**		1	1 unit	121	0.001
Connection elements								
For AS-Interface flat cable, connection by insulation piercing method, for molded-plastic enclosure	1 ... 3	A	**3SF5 900-0CA**		1	1 unit	121	0.001
	4 ... 6	A	**3SF5 900-0CB**		1	1 unit	121	0.001
For AS-Interface connection using M12 plug, for molded-plastic enclosure	1 ... 3	B	**3SF5 900-0CC**		1	1 unit	121	0.001
	4 ... 6	B	**3SF5 900-0CD**		1	1 unit	121	0.001
For bringing out unused inputs/outputs through an M12 socket, for molded-plastic enclosure	1 ... 3	B	**3SF5 900-0CE**		1	1 unit	121	0.001
	4 ... 6	B	**3SF5 900-0CF**		1	1 unit	121	0.001
For AS-Interface flat cable, cable is routed into the enclosure, for molded-plastic or metal enclosure	1 ... 3	A	**3SF5 900-0CG**		1	1 unit	121	0.001
	4 ... 6	A	**3SF5 900-0CH**		1	1 unit	121	0.001
For round cable, cable is routed into the enclosure, for molded-plastic or metal enclosure	1 ... 3	A	**3SF5 900-0CJ**		1	1 unit	121	0.001
	4 ... 6	A	**3SF5 900-0CK**		1	1 unit	121	0.001
For metal enclosures								
AS-Interface slaves								
F slave, 2 safe inputs, for metal enclosure, without protective collar	1 ... 6	A	**3SF5 500-0CA**		1	1 unit	121	0.415
F slave, 2 safe inputs, for molded-plastic or metal enclosure, with protective collar	1	A	**3SF5 500-0DA**		1	1 unit	121	0.415
A/B slave, 4I/3O, for metal enclosure	2 ... 6	A	**3SF5 500-0CB**		1	1 unit	121	0.001
Slave, 4I/4O, for metal enclosure	2 ... 6	A	**3SF5 500-0CC**		1	1 unit	121	0.001
Set of links								
For F slave		A	**3SF5 900-0BA**		1	1 unit	121	0.001
For slave 4I/4O or A/B slave 4I(3O)		A	**3SF5 900-0BB**		1	1 unit	121	0.001
Connection elements								
For AS-Interface connection using M12 plug, for metal enclosure	1 ... 3	B	**3SF5 900-2CC**		1	1 unit	121	0.001
	4 ... 6	B	**3SF5 900-2CD**		1	1 unit	121	0.001
For bringing out unused inputs/outputs through an M12 socket, for metal enclosure	1 ... 3	B	**3SF5 900-2CE**		1	1 unit	121	0.001
	4 ... 6	B	**3SF5 900-2CF**		1	1 unit	121	0.001
For AS-Interface flat cable, cable is routed into the enclosure, for molded-plastic or metal enclosure	1 ... 3	A	**3SF5 900-0CG**		1	1 unit	121	0.001
	4 ... 6	A	**3SF5 900-0CH**		1	1 unit	121	0.001
For round cable, cable is routed into the enclosure, for molded-plastic or metal enclosure	1 ... 3	A	**3SF5 900-0CJ**		1	1 unit	121	0.001
	4 ... 6	A	**3SF5 900-0CK**		1	1 unit	121	0.001

* You can order this quantity or a multiple thereof.

Selection and ordering data

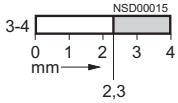
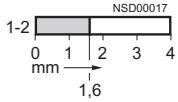
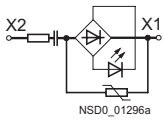
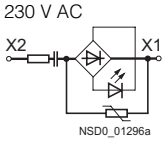
Version	Rated voltage/ symbols	Operating travel/ color Contact closed Contact open	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Blocks with screw connections, for floor mounting									
Contact blocks with one contact									
1 NO			▶	**3SB34 20-0B**		1	1 unit	102	0.012
1 NO with gold-plated contacts			B	**3SB34 20-0BA**		1	1 unit	102	0.015
1 NC 1)			▶	**3SB34 20-0C**		1	1 unit	102	0.012
1 NC with gold-plated contacts 1)			▶	**3SB34 20-0CA**		1	1 unit	102	0.015
BA 9s lampholders									
Without lamp	Acc. to lamp 		▶	**3SB34 20-1A**		1	1 unit	102	0.012
With integrated voltage reducer and with 130 V lamp (3SX1 731) 2)	230/240 V AC 	Clear	B	**3SB34 20-1C**		1	1 unit	102	0.016
Lampholders with integral LED	24 V AC/DC	Yellow	B	**3SB34 20-1PA**		1	1 unit	102	0.011
		Red	▶	**3SB34 20-1PB**		1	1 unit	102	0.011
		Green	▶	**3SB34 20-1PC**		1	1 unit	102	0.011
		Blue	B	**3SB34 20-1PD**		1	1 unit	102	0.011
		White	▶	**3SB34 20-1PE**		1	1 unit	102	0.011
	110 V AC 	Yellow	B	**3SB34 20-1QA**		1	1 unit	102	0.012
		Red	B	**3SB34 20-1QB**		1	1 unit	102	0.012
		Green	B	**3SB34 20-1QC**		1	1 unit	102	0.012
		Blue	B	**3SB34 20-1QD**		1	1 unit	102	0.012
		White	B	**3SB34 20-1QE**		1	1 unit	102	0.012
	230 V AC 	Yellow	B	**3SB34 20-1RA**		1	1 unit	102	0.012
		Red	B	**3SB34 20-1RB**		1	1 unit	102	0.012
		Green	B	**3SB34 20-1RC**		1	1 unit	102	0.012
		Blue	B	**3SB34 20-1RD**		1	1 unit	102	0.012
		White	B	**3SB34 20-1RE**		1	1 unit	102	0.012
Support terminals		Black	B	**3SB39 01-0AG**		1	1 unit	102	0.012
		Blue	B	**3SB39 01-0AH**		1	1 unit	102	0.012
		Green/Yellow	B	**3SB39 01-0AJ**		1	1 unit	102	0.012

1) Positive opening according to IEC 60947-5-1, Appendix K.

2) Only use with this lamp.

*** You can order this quantity or a multiple thereof.**

Contact blocks and lampholders

Version	Rated voltage/ symbols	Operating travel/ color Contact closed Contact open	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Blocks with spring-loaded terminals, for floor mounting									
Contact blocks with one contact									
1 NO			B	**3SB34 23-0B**		1	1 unit	102	0.011
1 NO with gold-plated contacts			B	**3SB34 23-0BA**		1	1 unit	102	0.015
1 NC 1)			B	**3SB34 23-0C**		1	1 unit	102	0.011
1 NC with gold-plated contacts 1)			B	**3SB34 23-0CA**		1	1 unit	102	0.015
Lampholders with integral LED	24 V AC/DC	Yellow	B	**3SB34 23-1PA**		1	1 unit	102	0.011
		Red	B	**3SB34 23-1PB**		1	1 unit	102	0.011
		Green	B	**3SB34 23-1PC**		1	1 unit	102	0.011
		Blue	B	**3SB34 23-1PD**		1	1 unit	102	0.011
		White	B	**3SB34 23-1PE**		1	1 unit	102	0.011
	110 V AC	Yellow	B	**3SB34 23-1QA**		1	1 unit	102	0.011
		Green	B	**3SB34 23-1QC**		1	1 unit	102	0.011
		Red	B	**3SB34 23-1QB**		1	1 unit	102	0.011
		Blue	B	**3SB34 23-1QD**		1	1 unit	102	0.011
		White	B	**3SB34 23-1QE**		1	1 unit	102	0.011
	230 V AC	Yellow	B	**3SB34 23-1RA**		1	1 unit	102	0.011
		Blue	B	**3SB34 23-1RD**		1	1 unit	102	0.011
		Green	B	**3SB34 23-1RC**		1	1 unit	102	0.011
		Red	B	**3SB34 23-1RB**		1	1 unit	102	0.011
		White	B	**3SB34 23-1RE**		1	1 unit	102	0.011
Support terminals		Black	B	**3SB34 23-2F**		1	1 unit	102	0.011
		Blue	B	**3SB34 23-2G**		1	1 unit	102	0.010
		Green/Yellow	B	**3SB34 23-2H**		1	1 unit	102	0.010
Accessories									
Pressure plate for selector switches and key-operated switches For actuating a central contact block			B	**3SB39 01-0AW**		100	10 units	102	0.100

1) Positive opening according to IEC 60947-5-1, Appendix K.

* You can order this quantity or a multiple thereof.

Overview

The labeling plates (black with white inscription) have an adhesive layer on the back. The size of the labeling plates is 22 mm × 22 mm.

Inscriptions

The inscriptions have upper case initial letters. The symbols, including those not listed in the catalog, are in accordance with DIN Report 4.

Selection and ordering data

Inscriptions	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Labeling plates without inscriptions							
Blank	►	**3SB39 06-1AA**		100	10 units	102	0.100
Labeling plates with inscriptions							
Ein	B	**3SB39 06-1AB**		1	10 units	102	0.003
On	B	**3SB39 06-1EB**		1	10 units	102	0.001
Aus	B	**3SB39 06-1AC**		1	10 units	102	0.008
Off	B	**3SB39 06-1EC**		1	10 units	102	0.001
Auf	B	**3SB39 06-1AD**		1	10 units	102	0.010
Up	B	**3SB39 06-1ED**		1	10 units	102	0.001
Ab	B	**3SB39 06-1AE**		1	10 units	102	0.001
Down	B	**3SB39 06-1EE**		1	10 units	102	0.001
Auf	B	**3SB39 06-1AD**		1	10 units	102	0.010
Open	B	**3SB39 06-1EP**		1	10 units	102	0.001
Zu	B	**3SB39 06-1AL**		1	10 units	102	0.001
Close	B	**3SB39 06-1EQ**		1	10 units	102	0.001
Vor	B	**3SB39 06-1AF**		1	10 units	102	0.001
Forward	B	**3SB39 06-1EF**		1	10 units	102	0.001
Zurück	B	**3SB39 06-1AG**		1	10 units	102	0.001
Reverse	B	**3SB39 06-1EG**		1	10 units	102	0.001
Rechts	B	**3SB39 06-1AH**		1	10 units	102	0.001
Right	B	**3SB39 06-1EH**		1	10 units	102	0.001
Links	B	**3SB39 06-1AJ**		1	10 units	102	0.001
Left	B	**3SB39 06-1EJ**		1	10 units	102	0.001
Schnell	B	**3SB39 06-1AM**		1	10 units	102	0.001
Fast	B	**3SB39 06-1ER**		1	10 units	102	0.001
Langsam	B	**3SB39 06-1AN**		1	10 units	102	0.001
Slow	B	**3SB39 06-1ES**		1	10 units	102	0.001
Betrieb	B	**3SB39 06-1AP**		1	10 units	102	0.001
Running	B	**3SB39 06-1EV**		1	10 units	102	0.001
Störung	B	**3SB39 06-1AQ**		1	10 units	102	0.001
Fault	B	**3SB39 06-1EW**		1	10 units	102	0.001
Einrichten	B	**3SB39 06-1AR**		1	10 units	102	0.001
Reset	B	**3SB39 06-1EM**		1	10 units	102	0.015
Start	B	**3SB39 06-1EL**		1	10 units	102	0.001
Test	B	**3SB39 06-1EN**		1	10 units	102	0.001
Halt	B	**3SB39 06-1AK**		1	10 units	102	0.001
Stop	B	**3SB39 06-1EK**		1	10 units	102	0.001
NOT-AUS	B	**3SB39 06-1AS**		1	10 units	102	0.020
Labeling plates with equipment symbols							
Fan	B	**3SB39 06-1CA**		1	10 units	102	0.001
Pump	B	**3SB39 06-1CB**		1	10 units	102	0.001
Cooling	B	**3SB39 06-1CC**		1	10 units	102	0.001
Heating	B	**3SB39 06-1CD**		1	10 units	102	0.001
Lighting	B	**3SB39 06-1CE**		1	10 units	102	0.001
Filter	B	**3SB39 06-1CF**		1	10 units	102	0.001
Motor	C	**3SB39 06-1CG**		1	10 units	102	0.001
Compressor	C	**3SB39 06-1CH**		1	10 units	102	0.001
Labeling plates with symbols for ON/OFF							
O	B	**3SB39 06-1MB**		1	10 units	102	0.001
I	B	**3SB39 06-1MC**		1	10 units	102	0.001
II	B	**3SB39 06-1MD**		1	10 units	102	0.001
III	B	**3SB39 06-1ME**		1	10 units	102	0.001
O I (horizontal)	B	**3SB39 06-1MF**		1	10 units	102	0.010
I O II (horizontal)	B	**3SB39 06-1MG**		1	10 units	102	0.001
I O (vertical)	B	**3SB39 06-1MH**		1	10 units	102	0.015
II O I (vertical)	B	**3SB39 06-1MW**		1	10 units	102	0.001
Labeling plates with motion symbols							
→	B	**3SB39 06-1NA**		1	10 units	102	0.008
Labeling plates with customized inscriptions							
Any inscription or symbol can be selected		**3SB39 06-0XZ**					
(see Options)	C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	10 units	102	0.001
	C	**K9Y**		1	10 units	102	0.001

*** You can order this quantity or a multiple thereof.**

Labeling plates for enclosures

Silver-colored labeling plates

The labeling plates are also available in a silver-colored version with black inscription.

Inscriptions	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Labeling plates without inscriptions							
Blank	C	**3SB19 01-3AA**		100	10 units	102	0.100
Labeling plates with inscriptions							
Ein	C	**3SB19 01-3AB**		1	10 units	102	0.003
On	C	**3SB19 01-3EB**		1	10 units	102	0.001
Aus	C	**3SB19 01-3AC**		1	10 units	102	0.008
Off	C	**3SB19 01-3EC**		1	10 units	102	0.001
Labeling plates with equipment symbols							
Fan	C	**3SB19 01-3CA**		1	10 units	102	0.001
Pump	C	**3SB19 01-3CB**		1	10 units	102	0.001
Cooling	C	**3SB19 01-3CC**		1	10 units	102	0.001
Heating	C	**3SB19 01-3CD**		1	10 units	102	0.001
Lighting	C	**3SB19 01-3CE**		1	10 units	102	0.001
Filter	C	**3SB19 01-3CF**		1	10 units	102	0.001
Motor	C	**3SB19 01-3CG**		1	10 units	102	0.001
Compressor	C	**3SB19 01-3CH**		1	10 units	102	0.001
Labeling plates with symbols for ON/OFF							
O	C	**3SB19 01-3MB**		1	10 units	102	0.001
I	C	**3SB19 01-3MC**		1	10 units	102	0.001
II	C	**3SB19 01-3MD**		1	10 units	102	0.001
III	C	**3SB19 01-3ME**		1	10 units	102	0.001
O I (horizontal)	C	**3SB19 01-3MF**		1	10 units	102	0.010
I O II (horizontal)	C	**3SB19 01-3MG**		1	10 units	102	0.001
I O (vertical)	C	**3SB19 01-3MH**		1	10 units	102	0.015
II O I (vertical)	C	**3SB19 01-3MW**		1	10 units	102	0.001
Labeling plates with motion symbols							
→	C	**3SB19 01-3NA**		1	10 units	102	0.008
Labeling plates with customized inscriptions							
Any inscription or symbol can be selected		**3SB19 01-3XZ**					
(see Options)	C	**K0Y, K1Y, K2Y, K3Y** or **K5Y**		1	10 units	102	0.001
	C	**K9Y**		1	10 units	102	0.001

For other inscriptions according to the table on the previous page please enter the corresponding last 2 digits of the Order No., e.g. for "Zurück": 3SB19 01-3AG.

Options

Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data.

Append the following codes to the order number:

- Text in upper/lower case, upper case only for beginning of line (e.g. "Lift out"): **K0Y**
- Text in upper case (e.g. "LIFT OUT"): **K1Y**
- Text in lower case (e.g. "lift out"): **K2Y**
- Text in upper/lower case, all words begin with capital letters (e.g. "Lift Out"): **K5Y**
- Symbols with number according to DIN Report 4 (ISO 7000, IEC 60417, DIN 30600): **K3Y**
- Inscription or symbols according to order form supplement: **K9Y**

DIN Report 4 can be obtained from
Beuth Verlag GmbH, D-10772 Berlin

Ordering notes

When ordering, specify the required inscription in plain text in addition to the order number and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language. In the case of symbols with No., quote the corresponding standard.

Three lines of 11 characters are permitted with a font size of 4 mm (1 to 3 lines).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "L1= Lift, L2=Lower". For long words you can also specify the end-of-line division.

For special symbols (short code K9Y), a CAD drawing in DXF format can be submitted.

Ordering example

To order a label with symbol No. 19 according to DIN 30600:

3SB39 06–0XZ
K3Y
Z = 19 DIN 30600

* You can order this quantity or a multiple thereof.

Selection and ordering data

	Version	Color/ inscription	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Blanking plugs									
	Blanking plugs For plastic version, round	Black	►	**3SB39 21-0AA**		1	10 units	102	0.012
	Blanking plugs For metal version, round	Aluminized	B	**3SB19 02-0AQ**		1	10 units	102	0.081
Holders and pressure plates									
	Holders for pushbuttons and switches For snapping on 3 blocks, for front plate mounting		►	**3SB39 01-0AB**		100	20 units	102	0.100
	Holders for selector switches and key-operated switches with pressure plates for actuating a central contact block, for front plate mounting		►	**3SB39 01-0AC**		100	10 units	102	0.200
	Pressure plate for selector switches and key-operated switches For actuating a central contact block, for base mounting		B	**3SB39 01-0AW**		100	10 units	102	0.100
Accessories for enclosures									
	Yellow name plates As backing plate for EMERGENCY STOP, self-adhesive	Without inscription		**3SB19 02-1AQ**					
		With inscription "NOT-AUS"	B	**3SB19 02-2AQ**		1	1 unit	102	0.001
		With recess for labeling plate	B	**3SB39 21-0BV**		1	1 unit	102	0.001
	M20 cable glands[1]		B	**3SB39 01-0CK**		1	1 unit	102	0.011
	M25 cable glands[1]		B	**3SB39 01-0CM**		1	1 unit	102	0.014
	M20 hexagonal nuts For cable glands[1]		B	**3SB39 01-0CL**		100	10 units	102	0.100
	M25 hexagonal nuts For cable glands[1]		B	**3SB39 01-0CN**		100	10 units	102	0.100
	M20/M20 connecting pieces For connecting 2 metal enclosures		B	**3SB39 01-0CP**		1	1 unit	102	0.038
	M20/M25 connecting pieces For connecting 2 metal enclosures		B	**3SB39 01-0CQ**		1	1 unit	102	0.040

1) For molded-plastic enclosures, a nut and cable gland are required, for metal enclosures only the cable gland is required.

* You can order this quantity or a multiple thereof.

Control panels

Options

Delivery options

The control panels can be obtained directly from our partner:

Dyna Systems GmbH
88161 Linderberg

http://www.dynasystems.de

All the necessary equipment and services are available here from a single source.

- Advice during conception and design
- Design suggestions
- Development and supply of hardware by selection of suitable equipment
- Development and supply of layouts for the printed circuit boards
- Development and supply of the necessary software (function blocks, GSD files) for interfacing to the PLC
- Preparation of necessary manufacturing and testing equipment
- Manufacturing
- Delivery with documentation (complete with necessary software)
- Customer service

Design options

Front plates

- Any size and shape
- Different materials, e.g. bare or anodized aluminum, sheet-steel, plastic; also film-coated
- Various colors

Equipment

- Conventional 3SB2 and 3SB3 commanding and signaling devices, round or square design
- Indication and visualization components, e.g. multi-digit 7-segment displays and LED text displays
- Membrane keyboards with and without embossing, with metal spring washers or short-stroke keys, with point illumination or fully-illuminated keypads
- Integration of other flush-mounted devices, e.g. measuring instruments, potentiometer operating mechanisms

Inscriptions

- Printed on the front plate, anodized
- Direct on the operating surface of the pushbuttons or using insert labels or name plates
- Using foils: printed, with push-in strips

Connections

On request, all designs can be supplied ready to connect:

- With interfaces for connection to an AS-interface, PROFIBUS DP and other fieldbus systems
- Conventional with screw connections or with solder connections for assembly on printed circuit boards

Enclosures

On request, all versions are available in enclosures

Fieldbus systems

For the AS-Interface and PROFIBUS DP fieldbus systems and further bus systems, standardized solid-state units are available that can be used to link each individually designed control panel into the required bus environment without the need for costly programming work.

This function is available for both membrane keyboards, short-stroke keys and LEDs of the 3SB4 series, and for conventional 3SB3 commanding and signaling devices.

Examples for implementation

The following are available:

- Control panels with membrane keyboard
- Control panels with 3SB3 commanding and signaling devices
- Control panels with membrane keyboard and 3SB3 commanding and signaling devices

Control panel with 3SB3 commanding and signaling devices

Overview

Delivery options

The numeric and alphanumeric LED indicators can be obtained directly from our partner:

microSYST Systemelectronic GmbH
92637 Weiden

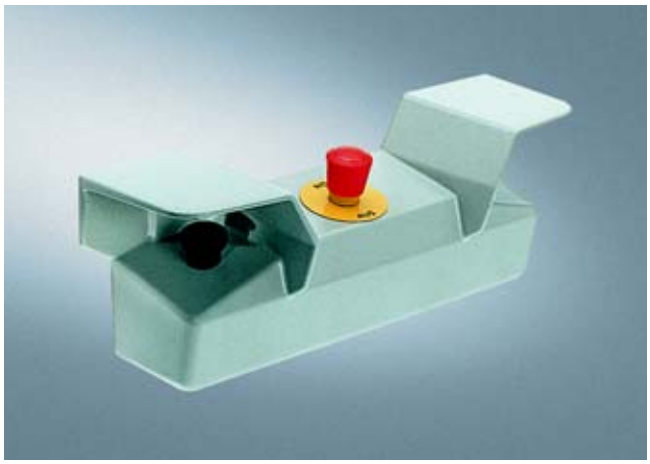
http://www.microsyst.de

Characteristics

- Suitable for mounting in panels
- Numeric indicators, red
- Various character heights
- Conventional LED indicators with A/D converter
- For AS-Interface with 4 additional, electrically isolated, digital inputs

Molded-plastic and metal enclosures

Overview



Two-hand operation console with metal enclosure

Equipment

The two-hand operation consoles are pre-equipped with 3SB3 command devices. The standard equipment comprises:

- 2 black mushroom pushbuttons, Ø 40 mm, 1 NO + 1 NC, Order No. 3SB30 00-1GA11
- 1 red EMERGENCY-STOP mushroom pushbutton according to EN 418 (ISO 13850), Ø 40 mm, with positive latching, 2 NC, Order No. 3SB30 00-1HA20

The molded-plastic version can be retrofitted with up to 8 customized control points. The surface of the console has premachined breaking points for this purpose.

Application

The two-hand operation consoles are required for use with machines and systems that have hazardous areas, in order to direct both hands of the operator to one position.

Operation consoles are primarily used on presses, stamping machines, printing presses and paper converting machines, in the chemical industry and in the rubber and plastics industries.

For the further processing of control commands, suitable evaluation devices are used, e.g. 3TK28 3 safety relays (see Safety Relays in chapter 7).

Standards

The two-hand operation consoles comply with the requirements of EN 574.

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Metal enclosures, degree of protection IP65								
3SB38 63-4BB	**Two-hand operation console, metal enclosure** Degree of protection IP65 acc. to EN 574							
	• With standard fittings	B	**3SB38 63-4BB**		1	1 unit	102	2.650
	• With standard fittings and 4 additional holes for 22.5 mm command devices[1]	B	**3SB38 63-4BA**		1	1 unit	102	4.800
	• Empty enclosure, unequipped	B	**3SB38 63-4BC**		1	1 unit	102	4.800
	Base plate for metal enclosure[2]	B	**3SB39 01-0AP**		1	1 unit	102	0.288
Molded-plastic enclosures, degree of protection IP65								
3SB38 63-1BB3	**Two-hand operation console, molded-plastic enclosure** With standard fittings and preset breaking points for 8 additional 22.5 mm command devices[1], with holes for metric cable glands	B	**3SB38 63-1BB3**		1	1 unit	102	2.264
Accessories								
3SB39 01-0AQ	**Stand for two-hand operation console** With holes for metric cable glands	B	**3SB39 01-0AQ3**		1	1 unit	102	16.000

1) See 3SB3 Pushbutton units and Indicator Lights.

2) This is required when the metal enclosure is not mounted on the stand.

* You can order this quantity or a multiple thereof.

Overview

Application

SIRIUS cable-operated switches are used for monitoring or for EMERGENCY-STOP facilities on particularly endangered system sections.

As the effective range of a cable-operated switch is only limited by the length of the pull-rope, large systems can also be protected. Cable-operated switches (requiring pulling at both ends) and conveyor belt unbalance trackers are used primarily for monitoring very long belt systems.

Standards

The switches are equipped with positive latching and positive NC contacts and are thus suitable for operation in EMERGENCY-STOP equipment in accordance with ISO 13850 and EN 418.

Selection and ordering data

Version	Rope length	Contacts	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	m								kg
Cable-operated switches									
3SE7 120-1BF00									
Metal enclosures (cover made of molded plastic)	10								
• Without latching, only cable pull monitoring		1 NO + 1 NC	1) A	**3SE7 120-2DD01**		1	1 unit	102	0.395
• With latching and button reset		2 NC	1) A	**3SE7 120-1BF00**		1	1 unit	102	0.410
Metal enclosures (cover made of molded plastic), with dust protection and alignment window	25								
• Without latching		1 NO + 1 NC	1) A	**3SE7 150-2DD00**		1	1 unit	102	0.425
• With latching and button reset		1 NO + 1 NC	1) A	**3SE7 150-1BD00**		1	1 unit	102	0.445
		2 NC	1) A	**3SE7 150-1BF00**		1	1 unit	102	0.440
• With latching and key unlatching		1 NO + 1 NC	1) A	**3SE7 150-1CD00**		1	1 unit	102	0.510
3SE7 150-1BD04									
Metal enclosures (cover made of molded plastic), with dust protection and alignment window, with LED, red, 24 V DC	25								
• Without latching		1 NO + 1 NC	1) A	**3SE7 150-2DD04**		1	1 unit	102	0.425
• With latching and button reset		1 NO + 1 NC	1) A	**3SE7 150-1BD04**		1	1 unit	102	0.450

1) Positive opening according to IEC 60947-5-1, Appendix K.

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*** You can order this quantity or a multiple thereof.**

3SE7 metal enclosures

	Version	Rope length	Contacts	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
		m								kg
Cable-operated switches										
3SE7 140-1B.00	**Metal enclosures** (cover made of molded plastic), with dust protection	50								
	• With latching and button reset		1 NO + 1 NC	1) A	**3SE7 140-1BD00**		1	1 unit	102	0.790
			2 NC	1) C	**3SE7 140-1BF00**		1	1 unit	102	0.790
	• In addition with LED, red, 24 V DC		1 NO + 1 NC	1) A	**3SE7 140-1BD04**		1	1 unit	102	0.820
	• With latching and key unlatching		1 NO + 1 NC	1) C	**3SE7 140-1CD00**		1	1 unit	102	0.835
3SE7 141-1EG10	**Metal enclosures** (cover made of molded plastic), with EMERGENCY STOP, with rotate-to-unlatch mechanism	75	1 NO + 3 NC	1) A	**3SE7 141-1EG10**		1	1 unit	102	0.790
3SE7 160-1AE00	**Metal enclosures** with actuation on both sides	2 x 75								
	• With latching and button reset		2 NO + 2 NC	1) C	**3SE7 160-1AE00**		1	1 unit	102	1.270
			1 NO + 1 NC	1) A	**3SE7 160-1BD00**		1	1 unit	102	0.300
	• In addition with LED, red, 24 V DC		2 NO + 2 NC	1) A	**3SE7 160-1AE04**		1	1 unit	102	1.200
Conveyor belt unbalance protection devices										
3SE7 310-1AE00	**Metal enclosures**									
	• With latching and button reset		2 NO + 2 NC	1) A	**3SE7 310-1AE00**		1	1 unit	102	1.805
	• In addition with LED, red, 24 V DC		2 NO + 2 NC	1) C	**3SE7 310-1AE04**		1	1 unit	102	1.815
Accessories										
	LED lamps, red 24 V DC • 25 mm diameter; for M20 x 1.5 connection			C	**3SX3 235**		1	1 unit	102	0.015

1) Positive opening according to IEC 60947-5-1, Appendix K.

* You can order this quantity or a multiple thereof.

Accessories

	Version[1]	Length/ diameter	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	Steel ropes, with red plastic sheath, Ø 4 mm[2]	10 m	A	**3SE7 910-3AA**		1	1 unit	102	0.420
		15 m	A	**3SE7 910-3AB**		1	1 unit	102	0.665
		20 m	A	**3SE7 910-3AC**		1	1 unit	102	0.865
		50 m	A	**3SE7 910-3AH**		1	1 unit	102	2.065
	Rope clamps, galvanized white								
	• Oval	Ø 4 mm	A	**3SE7 941-1AC**		1	1 unit	102	0.040
	• Simplex (1 set = 4 units)	Ø 4 mm	A	**3SE7 943-1AC**		1	4 units	102	0.010
	• Duplex (1 set = 4 units)	Ø 4 mm	A	**3SE7 944-1AC**		1	4 units	102	0.020
	• Single (1 set = 4 units)	Ø 5 mm	A	**3SE7 942-1AA**		1	4 units	102	0.025
	Tension springs (zinc-plated) to maintain the counter tension								
	• 13 N		A	**3SE7 931-1AB**		1	1 unit	102	0.150
	• 35 N		A	**3SE7 931-1AD**		1	1 unit	102	0.340
	Rope rollers for changing the direction of the rope, rotatable	Ø 4 mm	A	**3SE7 921-1AC**		1	1 unit	102	0.045
	Fixtures for the rope rollers (including fixing nuts)		A	**3SE7 921-1AA**		1	1 unit	102	0.015
	Rope eyes for changes in rope direction and improved power transmission at the fixing points (1 set = 4 units)	Ø 4 mm	A	**3SE7 930-1AD**		1	4 units	102	0.005
	Eyebolts for fixing the rope								
	• Including M8 nut		A	**3SE7 920-1AB**		1	1 unit	102	0.035
	• Including M10 nut		A	**3SE7 920-1AC**		1	1 unit	102	0.060
	Turnbuckles for precise adjustment of the pretension								
	• M6 x 60		A	**3SE7 950-1AB**		1	1 unit	102	0.055
	• M6 x 110		A	**3SE7 950-1AD**		1	1 unit	102	0.075

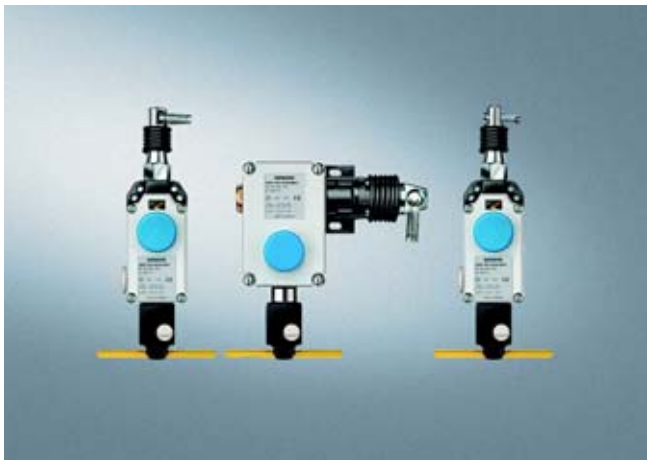
1) For mounting and fixing the cables, see Technical Information LV 1 T.

2) Diameter including casing; the diameter of the steel wire is 3.2 mm.

*** You can order this quantity or a multiple thereof.**

3SF2 AS-Interface cable-operated switches

Overview



AS-Interface cable-operated switches can now be directly connected via the standard AS-Interface with safety-oriented communication.

The safety functions no longer have to be conventionally wired up.

Application

SIRIUS cable-operated switches are used for monitoring or for EMERGENCY-STOP facilities on particularly endangered system sections.

As the effective range of a cable-operated switch is only limited by the length of the pull-rope, large systems can also be protected.

Standards

Switches with latching for operation in EMERGENCY-STOP equipment correspond to ISO 13850 and EN 418.

Selection and ordering data

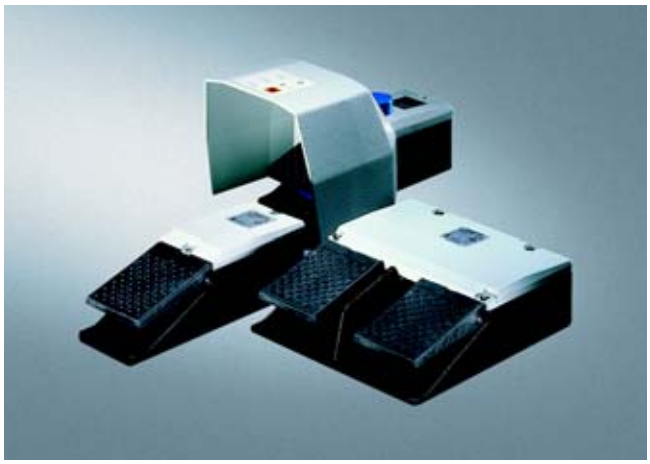
	Version	Basic switch[1]	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	AS-Interface cable-operated switches *ASIsafe* With direct connection to AS-Interface, metal enclosure with dust protection, IP65, suitable for up to category 4 acc. to EN 954-1, latching acc. to EN 418, with button reset, 2 NC contacts[2]								
	• For rope lengths up to 10 m, with alignment window	*3SE7 120-1BF00*	C	**3SF2 120-1BF00-0BA1**		1	1 unit	132	0.620
	• For rope lengths up to 25 m, with alignment window	*3SE7 150-1BF00*	C	**3SF2 150-1BF00-0BA1**		1	1 unit	132	0.630
	• For rope lengths up to 50 m	*3SE7 140-1BF00*	B	**3SF2 140-1BF00-0BA1**		1	1 unit	132	0.917

1) For accessories, see 3SE7 Basic Switches. For technical specifications, contact travel, circuit diagrams and dimensional drawings, see Technical Information LV 1 T.

2) Positive opening according to IEC 60947-5-1, Appendix K.

* You can order this quantity or a multiple thereof.

Overview



Foot switches with metal enclosures

The 3SE2 9 and 3SE3 9 foot switch range encompasses versions in a metal enclosure for rugged applications as well as versions with molded-plastic enclosure. The units can be supplied with or without a cover and have fixing holes for them to be screwed to the floor.

Depending on the particular application, the switches can be ordered in latching or momentary-contact versions.

Safety foot switches

The single-pedal safety foot switches according to EN 418 lock on actuation. After eliminating the hazard, the machine can only be restarted after manually releasing the switch. A pushbutton on the top of the enclosure is used for this purpose. The devices are supplied with a cover.

Version with molded-plastic enclosures

For operation in less harsh environments, momentary-contact pedal switches with molded-plastic enclosures are available. They are supplied in single-pedal and two-pedal versions, the single-pedal version is also available with a cover. The momentary-contact pedal switch has one micro switch (changeover contact) per actuating pedal.

Molded-plastic and metal enclosures

Selection and ordering data

	Version	Slow-action contacts for each pedal	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Metal enclosures, degree of protection IP65									
3SE2 90.-.AA20 3SE2 91.-.AA20	**Momentary-contact foot switches, single pedal** M20 x 1.5 cable entry								
	• Without cover	1 NO + 1 NC → 1)	A	**3SE2 902-0AB20**		1	1 unit	102	0.655
		2 NO + 2 NC → 1)	A	**3SE2 903-1AB20**		1	1 unit	102	0.665
	• With cover	1 NO + 1 NC → 1)	A	**3SE2 902-0AA20**		1	1 unit	102	1.375
		2 NO + 2 NC → 1)	A	**3SE2 903-1AA20**		1	1 unit	102	1.370
	Foot switches, single pedal M20 x 1.5 cable entry								
	• Without cover	1 NO + 1 NC → 1)	C	**3SE2 912-2AB20**		1	1 unit	102	0.665
	• With cover	1 NO + 1 NC → 1)	C	**3SE2 912-2AA20**		1	1 unit	102	1.350
3SE2 932-.AB20	**Momentary-contact foot switches, two pedals** M25 x 1.5 cable entry								
	• Without cover	1 NO + 1 NC → 1)	B	**3SE2 932-0AB20**		1	1 unit	102	1.680
		2 NO + 2 NC → 1)	B	**3SE2 932-1AB20**		1	1 unit	102	1.870
3SE2 932-.AA20	• With cover	1 NO + 1 NC → 1)	B	**3SE2 932-0AA20**		1	1 unit	102	2.550
		2 NO + 2 NC → 1)	B	**3SE2 932-1AA20**		1	1 unit	102	2.570
3SE2 924-3AA20	**Safety foot switches, single pedal** with cover, M20 x 1.5 cable entry, with interlock according to EN 418, NO closes as momentary contact type, NC opens with latching	2 NO + 2 NC → 1)	C	**3SE2 924-3AA20**		1	1 unit	102	1.350
Molded-plastic enclosures, degree of protection IP65									
3SE3 902-4CA20	**Foot switches**, 3 m cable • Single pedal	Microswitch							
	- Without cover	1 CO contact	B	**3SE3 902-4CB20**		1	1 unit	102	0.341
	- With cover	1 CO contact	B	**3SE3 902-4CA20**		1	1 unit	102	1.101
3SE3 934-5CB20	• Two pedals, without cover	2 × 1 CO	B	**3SE3 934-5CB20**		1	1 unit	102	0.800

1) Positive opening according to IEC 60947-5-1, Appendix K.

* You can order this quantity or a multiple thereof.

Overview

Two product series are available:

- 8WD42
  - Thermoplast enclosure, diameter 50 mm
  - Degree of protection IP54
  - Up to 4 elements can be mounted
- 8WD44
  - Thermoplast enclosure, diameter 70 mm
  - Advanced design and significantly improved illumination
  - Fast and flexible connection using spring-loaded terminals
  - Integrated degree of protection IP65
  - Up to 5 elements can be mounted

Benefits

- Choice of various light and acoustic elements with different functions: continuous light, blinklight, flashlight and rotating light; buzzer and siren
- Light elements with particularly long-lasting LEDs
- Variety of colors: red, yellow, green, white or blue
- Optimized illumination through improved prism technology with the 8WD44
- Acoustic elements can be set in tone and volume
- Extremely resistant to shock and vibrations
- Easy connection and quick lamp change with secure bayonet mechanism
- Communications capability through connection to AS-Interface

Application

8WD4 signaling columns are used in machines or in automatic processes for monitoring complex procedures or as visual or acoustic warning devices in emergency situations, e.g. for displaying individual assembly stages.

Communication capabilities

Connection to AS-Interface

The 8WD4 signaling columns can be directly connected to the AS-Interface bus system through an adapter element that can be integrated. Wiring complexity is reduced as the result. The two-wire bus cable is fixed to the screw terminals in the connection element. Up to three signaling elements can be mounted on it using an adapter element.

A/B technology enables the connection of up to 62 slaves on one AS-Interface system.

Communication using a mobile phone

GSM radio elements are available for the 8WD44 series. They can send error signals without delay to a mobile phone, e.g. as an SMS or call. The device can be set to the GSM frequencies customary in the EU and North America.

The radio elements are not allowed to be used in safety-relevant applications.

Connection

The signaling elements are wired up using the screw terminals in the connection element, screw terminals on the 8WD42 and spring-loaded terminals on the 8WD44.

Cable outlet

The connecting cables can be guided either downwards or sideways through the cable gland using an adapter that can be screwed under the foot. This makes wiring easier if there is no access from below.

Connection to AS-Interface for 8WD44

The two-wire bus cable is fixed to the screw terminals in the connection element. The adapter element must be the first module to be positioned on the connection element. A maximum of 4 signaling elements can then be mounted on it.

A/B technology enables the connection of up to 62 slaves on one AS-Interface system. The addressing socket provides user-friendly parameterization of the AS-Interface elements.

Connection to AS-Interface for 8WD42

The two-wire bus cable is fixed to the screw terminals in the connection element. The adapter element must be the first module to be positioned on the connection element. A maximum of 4 signaling elements can then be mounted on it.

The 8WD4228-0BB connection element for AS-Interface is a standard slave.

8WD42 signaling columns, 50 mm diameter

Overview

Features:
- Thermoplast enclosure, diameter 50 mm
- Degree of protection IP54
- Up to 4 elements can be mounted

	Version	Rated voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
		V								kg
Light elements for incandescent lamps/LED, BA 15d bases										
	Continuous light elements[1]	24 ... 230 AC/DC	Red	A	**8WD42 00-1AB**		1	1 unit	102	0.049
			Green	A	**8WD42 00-1AC**		1	1 unit	102	0.048
			Yellow	A	**8WD42 00-1AD**		1	1 unit	102	0.049
			Clear	A	**8WD42 00-1AE**		1	1 unit	102	0.049
			Blue	A	**8WD42 00-1AF**		1	1 unit	102	0.048
Light elements with integrated LED										
	Continuous light elements	24 AC/DC	Red	A	**8WD42 20-5AB**		1	1 unit	102	0.050
			Green	A	**8WD42 20-5AC**		1	1 unit	102	0.050
			Yellow	A	**8WD42 20-5AD**		1	1 unit	102	0.050
	Blinklight elements[1]	24 AC/DC	Red	A	**8WD42 20-5BB**		1	1 unit	102	0.050
			Green	A	**8WD42 20-5BC**		1	1 unit	102	0.050
			Yellow	A	**8WD42 20-5BD**		1	1 unit	102	0.050
			Clear	A	**8WD42 20-5BE**		1	1 unit	102	0.050
			Blue	A	**8WD42 20-5BF**		1	1 unit	102	0.050
		115 AC	Red	A	**8WD42 40-5BB**		1	1 unit	102	0.054
			Green	A	**8WD42 40-5BC**		1	1 unit	102	0.054
			Yellow	A	**8WD42 40-5BD**		1	1 unit	102	0.054
			Clear	D	**8WD42 40-5BE**		1	1 unit	102	0.054
			Blue	D	**8WD42 40-5BF**		1	1 unit	102	0.054
		230 AC	Red	A	**8WD42 50-5BB**		1	1 unit	102	0.054
			Green	A	**8WD42 50-5BC**		1	1 unit	102	0.054
			Yellow	A	**8WD42 50-5BD**		1	1 unit	102	0.054
			Clear	A	**8WD42 50-5BE**		1	1 unit	102	0.054
			Blue	A	**8WD42 50-5BF**		1	1 unit	102	0.054
Acoustic elements										
	Buzzer elements 80 dB, pulsating or continuous-tone, adjustable by means of a jumper	24 V AC/DC	Black	A	**8WD42 20-0FA**		1	1 unit	102	0.060
		115 V AC		A	**8WD42 40-0FA**		1	1 unit	102	0.066
		230 V AC		A	**8WD42 50-0FA**		1	1 unit	102	0.066
Connection elements										
	Connection elements with covers for mounting on pipes, floors and brackets		Black	A	**8WD42 08-0AA**		1	1 unit	102	0.085
Connection elements for AS-Interface										
	AS-Interface adapter elements with external auxiliary voltage	For 3 signaling elements 24 V		A	**8WD42 28-0BB**		1	1 unit	102	0.074

1) Lamp not included in scope of supply. Please order separately.

* You can order this quantity or a multiple thereof.

8WD42 signaling columns, 50 mm diameter

	Version		Rated voltage	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
			V							kg
Accessories										
	Feet, single	Plastic, for mounting on pipes		A	**8WD43 08-0DB**		1	1 unit	102	0.048
		Plastic, for mounting on floor		A	**8WD42 08-0DE**		1	1 unit	102	0.050
	Sockets for feet	Side cable outlet		A	**8WD43 08-0DD**		1	1 unit	102	0.074
		Side cable outlet, with magnetic fixing[1)]		A	**8WD43 08-0DE**		1	1 ST	102	0.321
	Pipes, single	Length 100 mm		A	**8WD42 08-0EF**		1	1 unit	102	0.035
		Length 150 mm		A	**8WD43 08-0EE**		1	1 unit	102	0.045
		Length 250 mm		A	**8WD43 08-0EA**		1	1 unit	102	0.077
		Length 400 mm		A	**8WD43 08-0EB**		1	1 unit	102	0.121
		Length 1000 mm		A	**8WD43 08-0ED**		1	1 unit	102	0.301
	Brackets for wall mounting			A	**8WD42 08-0CA**		1	1 unit	102	0.115
	Adapters for single-hole mounting			A	**8WD42 08-0EH**		1	1 unit	102	0.120
	Incandescent lamps, 5 W									
	Base BA 15d		24	A	**8WD43 28-1XX**		1	10 units	102	0.009
			115	A	**8WD43 48-1XX**		1	10 units	102	0.009
			230	A	**8WD43 58-1XX**		1	10 units	102	0.009
	LEDs									
	Base BA 15d	Red	24 AC/DC	A	**8WD44 28-6XB**		1	1 unit	102	0.020
		Green		A	**8WD44 28-6XC**		1	1 unit	102	0.020
		Yellow		A	**8WD44 28-6XD**		1	1 unit	102	0.020
		Clear		A	**8WD44 28-6XE**		1	1 unit	102	0.020
		Blue		A	**8WD44 28-6XF**		1	1 unit	102	0.020
		Red	115 AC	A	**8WD44 48-6XB**		1	1 unit	102	0.019
		Green		A	**8WD44 48-6XC**		1	1 unit	102	0.019
		Yellow		A	**8WD44 48-6XD**		1	1 unit	102	0.020
		Clear		A	**8WD44 48-6XE**		1	1 unit	102	0.020
		Blue		A	**8WD44 48-6XF**		1	1 unit	102	0.019
		Red	230 AC	A	**8WD44 58-6XB**		1	1 unit	102	0.020
		Green		A	**8WD44 58-6XC**		1	1 unit	102	0.020
		Yellow		A	**8WD44 58-6XD**		1	1 unit	102	0.020
		Clear		A	**8WD44 58-6XE**		1	1 unit	102	0.020
		Blue		A	**8WD44 58-6XF**		1	1 unit	102	0,020

1) For horizontal mounting, only 1 element is recommended.

*** You can order this quantity or a multiple thereof.**

8WD44 signaling columns, 70 mm diameter

Overview

Features:

- Thermoplast enclosure, diameter 70 mm
- Advanced design and significantly improved illumination
- Fast and flexible connection using spring-loaded terminals
- Integrated degree of protection IP65
- Up to 5 elements can be mounted

Selection and ordering data

	Version	Rated voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
		V								kg
Light elements for incandescent lamps/LED, BA 15d bases										
	Continuous light elements[1]	12 ... 230 AC/DC	Red	A	**8WD44 00-1AB**		1	1 unit	102	0.070
			Green	A	**8WD44 00-1AC**		1	1 unit	102	0.069
			Yellow	A	**8WD44 00-1AD**		1	1 unit	102	0.071
			Clear	D	**8WD44 00-1AE**		1	1 unit	102	0.071
			Blue	A	**8WD44 00-1AF**		1	1 unit	102	0.070
	Blinklight elements[1]	24 AC/DC	Red	A	**8WD44 20-1BB**		1	1 unit	102	0.076
			Green	A	**8WD44 20-1BC**		1	1 unit	102	0.077
			Yellow	A	**8WD44 20-1BD**		1	1 unit	102	0.075
			Clear	A	**8WD44 20-1BE**		1	1 unit	102	0.078
			Blue	A	**8WD44 20-1BF**		1	1 unit	102	0.076
		115 AC	Red	A	**8WD44 40-1BB**		1	1 unit	102	0.078
			Green	A	**8WD44 40-1BC**		1	1 unit	102	0.077
			Yellow	A	**8WD44 40-1BD**		1	1 unit	102	0.078
			Clear	A	**8WD44 40-1BE**		1	1 unit	102	0.077
			Blue	A	**8WD44 40-1BF**		1	1 unit	102	0.078
		230 AC	Red	A	**8WD44 50-1BB**		1	1 unit	102	0.080
			Green	A	**8WD44 50-1BC**		1	1 unit	102	0.078
			Yellow	A	**8WD44 50-1BD**		1	1 unit	102	0.080
			Clear	A	**8WD44 50-1BE**		1	1 unit	102	0.080
			Blue	A	**8WD44 50-1BF**		1	1 unit	102	0.080
Light elements with integrated flash lamps										
	Flashlight elements With integrated electronic flash	24 AC	Red	D	**8WD44 20-0CB**		1	1 unit	102	0.090
			Green	A	**8WD44 20-0CC**		1	1 unit	102	0.091
			Yellow	A	**8WD44 20-0CD**		1	1 unit	102	0.090
			Clear	A	**8WD44 20-0CE**		1	1 unit	102	0.091
			Blue	A	**8WD44 20-0CF**		1	1 unit	102	0.091
		115 AC	Red	A	**8WD44 40-0CB**		1	1 unit	102	0.088
			Green	D	**8WD44 40-0CC**		1	1 unit	102	0.088
			Yellow	A	**8WD44 40-0CD**		1	1 unit	102	0.091
			Clear	D	**8WD44 40-0CE**		1	1 unit	102	0.088
			Blue	D	**8WD44 40-0CF**		1	1 unit	102	0.088
		230 AC	Red	A	**8WD44 50-0CB**		1	1 unit	102	0.086
			Green	A	**8WD44 50-0CC**		1	1 unit	102	0.086
			Yellow	A	**8WD44 50-0CD**		1	1 unit	102	0.087
			Clear	A	**8WD44 50-0CE**		1	1 unit	102	0.087
			Blue	A	**8WD44 50-0CF**		1	1 unit	102	0.088

1) Lamp not included in scope of supply. Please order separately.

*** You can order this quantity or a multiple thereof.**

8WD44 signaling columns, 70 mm diameter

	Version	Rated voltage V	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Light elements with integrated LEDs										
	Continuous light elements	24 AC/DC	Red	A	**8WD44 20-5AB**		1	1 unit	102	0.074
			Green	A	**8WD44 20-5AC**		1	1 unit	102	0.074
			Yellow	A	**8WD44 20-5AD**		1	1 unit	102	0.075
			Clear	A	**8WD44 20-5AE**		1	1 unit	102	0.074
			Blue	A	**8WD44 20-5AF**		1	1 unit	102	0.072
		115 AC/DC	Red	A	**8WD44 40-5AB**		1	1 unit	102	0.072
			Green	A	**8WD44 40-5AC**		1	1 unit	102	0.087
			Yellow	A	**8WD44 40-5AD**		1	1 unit	102	0.072
			Clear	A	**8WD44 40-5AE**		1	1 unit	102	0.072
			Blue	A	**8WD44 40-5AF**		1	1 unit	102	0.072
		230 AC	Red	A	**8WD44 50-5AB**		1	1 unit	102	0.075
			Green	A	**8WD44 50-5AC**		1	1 unit	102	0.075
			Yellow	A	**8WD44 50-5AD**		1	1 unit	102	0.075
			Clear	A	**8WD44 50-5AE**		1	1 unit	102	0.075
			Blue	A	**8WD44 50-5AF**		1	1 unit	102	0.075
	Blinklight elements	24 AC/DC	Red	A	**8WD44 20-5BB**		1	1 unit	102	0.072
			Green	A	**8WD44 20-5BC**		1	1 unit	102	0.073
			Yellow	A	**8WD44 20-5BD**		1	1 unit	102	0.074
	Rotating light elements	24 AC/DC	Red	A	**8WD44 20-5DB**		1	1 unit	102	0.081
			Green	A	**8WD44 20-5DC**		1	1 unit	102	0.081
			Yellow	A	**8WD44 20-5DD**		1	1 unit	102	0.084
Acoustic elements										
	Buzzer elements 80 dB, pulsating or continuous tone, adjustable by means of a jumper	24 AC/DC	Black	A	**8WD44 20-0FA**		1	1 unit	102	0.084
		115 AC/DC		A	**8WD44 40-0FA**		1	1 unit	102	0.089
		230 AC		A	**8WD44 50-0FA**		1	1 unit	102	0.090
	Siren elements, multi-tone, 100 dB, 8 tones and volume are adjustable	24 AC/DC	Black	A	**8WD44 20-0EA2**		1	1 unit	102	0.090
		115 AC		A	**8WD44 40-0EA2**		1	1 unit	102	0.106
		230 AC		A	**8WD44 50-0EA2**		1	1 unit	102	0.100
	Siren elements 108 dB, IP40	24 AC/DC	Black	A	**8WD44 20-0EA**		1	1 unit	102	0.127
GSM radio elements										
	GSM radio element Current input 50 mA, short-time 450 mA	24, DC controlled ±15 %	Black	C	**8WD44 28-0BC**		1	1 unit	102	0.110
Connection elements for AS-Interface										
	AS-Interface adapter elements with/without external auxiliary voltage, selectable									
	A/B technology	For 3 signaling elements 24 V	Black	A	**8WD44 28-0BD**		1	1 unit	102	0.110
	Standard AS-i	For 4 signaling elements 24 V	Black	A	**8WD44 28-0BE**		1	1 unit	102	0.110
Connection elements										
	Connection elements with covers		Black							
	Screw connection									
	• For mounting on pipes			A	**8WD44 08-0AA**		1	1 unit	102	0.111
	• For mounting on brackets or floors			A	**8WD44 08-0AB**		1	1 unit	102	0.115
	Spring-loaded terminals									
	• For mounting on pipes			A	**8WD44 08-0AD**		1	1 unit	102	0.103
	• For mounting on brackets or floors			A	**8WD44 08-0AE**		1	1 unit	102	0.106

* You can order this quantity or a multiple thereof.

8WD44 signaling columns, 70 mm diameter

	Version		Rated voltage	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
			V							kg
Accessories										
	Feet with pipe	Pipe length 100 mm		A	**8WD43 08-0DA**		1	1 unit	102	0.062
	Feet, single	Plastic, for mounting on pipes		A	**8WD43 08-0DB**		1	1 unit	102	0.048
		Cast iron, for pipe lengths > 400 mm		A	**8WD43 08-0DC**		1	1 unit	102	0.344
	Sockets for feet	Side cable outlet		A	**8WD43 08-0DD**		1	1 unit	102	0.074
		Side cable outlet, with magnetic fixing[1]		A	**8WD43 08-0DE**		1	1 unit	102	0.321
	Pipes, single	Length 100 mm		A	**8WD42 08-0EF**		1	1 unit	102	0.035
		Length 150 mm		A	**8WD43 08-0EE**		1	1 unit	102	0.045
		Length 250 mm		A	**8WD43 08-0EA**		1	1 unit	102	0.077
		Length 400 mm		A	**8WD43 08-0EB**		1	1 unit	102	0.121
		Length 1000 mm		A	**8WD43 08-0ED**		1	1 unit	102	0.301
	Brackets for wall mounting	For single-sided mounting		A	**8WD43 08-0CA**		1	1 unit	102	0.089
		For double-sided mounting		A	**8WD43 08-0CB**		1	1 unit	102	0.074
	Incandescent lamps, 5 W									
	Base BA 15d		24	A	**8WD43 28-1XX**		1	10 units	102	0.009
			115	A	**8WD43 48-1XX**		1	10 units	102	0.009
			230	A	**8WD43 58-1XX**		1	10 units	102	0.009
	LEDs									
	Base BA 15d	Red	24 AC/DC	A	**8WD44 28-6XB**		1	1 unit	102	0.020
		Green		A	**8WD44 28-6XC**		1	1 unit	102	0.020
		Yellow		A	**8WD44 28-6XD**		1	1 unit	102	0.020
		Clear		A	**8WD44 28-6XE**		1	1 unit	102	0.020
		Blue		A	**8WD44 28-6XF**		1	1 unit	102	0.020
		Red	115 AC	A	**8WD44 48-6XB**		1	1 unit	102	0.019
		Green		A	**8WD44 48-6XC**		1	1 unit	102	0.019
		Yellow		A	**8WD44 48-6XD**		1	1 unit	102	0.020
		Clear		A	**8WD44 48-6XE**		1	1 unit	102	0.020
		Blue		A	**8WD44 48-6XF**		1	1 unit	102	0.019
		Red	230 AC	A	**8WD44 58-6XB**		1	1 unit	102	0.020
		Green		A	**8WD44 58-6XC**		1	1 unit	102	0.020
		Yellow		A	**8WD44 58-6XD**		1	1 unit	102	0.020
		Clear		A	**8WD44 58-6XE**		1	1 unit	102	0.020
	Brackets for foot mounting			A	**8WD44 08-0CC**		1	1 unit	102	0.057
	Brackets for base mounting			A	**8WD44 08-0CD**		1	1 unit	102	0.042
	Labeling panels			A	**8WD44 08-0FA**		1	1 unit	102	0.344
	With fixing accessories for mounting on pipe Ø 25 mm									
	Text area/step 50 mm × 140 mm									
	Suitable for standard labels, e.g. • Zweckform 3425 • Herma 4457									

1) For horizontal mounting, only 1 element is recommended.

* You can order this quantity or a multiple thereof.