

Commanding and Signaling Devices

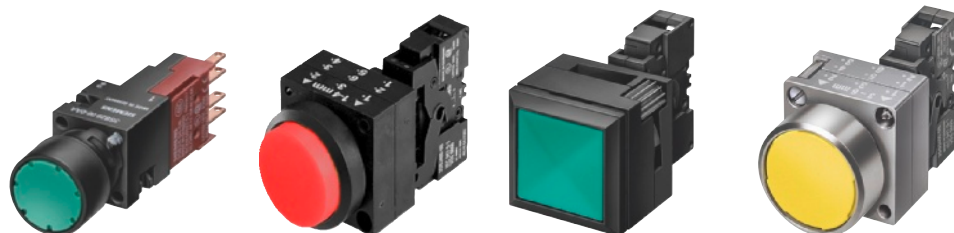


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Commanding and Signaling Devices

Introduction

Overview



3SB2

3SB30, 3SB32

3SB31, 3SB33

3SB35, 3SB36

Pushbuttons and indicator lights				
Designs	3SB2	3SB30, 3SB32	3SB31, 3SB33	3SB35, 3SB36
Nominal diameter	16 mm	22 mm	26 mm × 26 mm	22 mm
Version	Plastic, round	Plastic, round	Plastic, square	Metal, round
Actuators				
Pushbuttons and switches	✓ ¹⁾	✓	✓	✓
Illuminated pushbuttons and switches	✓ ¹⁾	✓	✓	✓
Mushroom pushbuttons	--	✓	--	✓
Push-pull buttons	--	✓	--	✓
EMERGENCY-STOP mushroom pushbuttons	✓	✓	✓	✓
Selector switches	✓	✓	✓	✓
Key-operated switches	✓	✓	✓	✓
Special actuators				
Coordinate switches	--	✓	--	--
Twin pushbuttons	--	✓	--	--
Potentiometer drives	--	✓	--	--
Indicators				
Indicator lights	✓	✓	✓	✓
Acoustic signaling devices	--	✓	--	--
Contact blocks				
Single-pole	✓	✓	✓	✓
Two-pole	✓	✓	✓	✓
Lampholders				
Wedge bases	✓	✓ (with solder connections)	✓ (with solder connections)	✓ (with solder connections)
BA 9s bases	--	✓	✓	✓
With integrated LED	--	✓	✓	✓
Connections				
Plug-in connection	✓	--	--	--
Screw terminals	--	✓	✓	✓
Spring-type terminals	--	✓	✓	✓
Solder pins	✓	✓	✓	✓
AS-Interface	--	✓	✓	✓

✓ Standard

-- Not available

□ Optional

1) Only pushbuttons, no pushbutton switches.

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 "SIMATIC NET Industrial Communication"](#).

AS-Interface EMERGENCY-STOP according to ISO 13850

Using a special F adapter, EMERGENCY-STOP control devices according to ISO 13850 can be directly connected through the standard AS-Interface with safety-related communication (see page 13/69).

AS-Interface enclosures

Enclosures with standard fittings are listed in this catalog. For customized enclosures, use the 3SB3/3SF5 configurator to select the elements for equipping (see page 13/98).

AS-Interface front panel modules

The front panel module has one 4I/4O slave for connection of four 3SB3 commanding or signaling devices (see Catalog IK PI).

Note:

Safety characteristics see Chapter 16, "Appendix" → "Standards and Approvals" → "Overview".



	3SB38	3SB386	3SE7, 3SF2	3SE29, 3SB39
	Enclosures	Two-hand operation consoles	Cable-operated switches	Foot switches
Enclosures				
Plastic	✓	✓	--	✓
Metal	✓	✓	✓	✓
Actuators				
Pushbuttons and switches	✓	✓	✓	✓
Illuminated pushbuttons and switches	✓	✓	--	--
Mushroom pushbuttons	✓	✓	--	--
Push-pull buttons	✓	☐	--	--
EMERGENCY-STOP mushroom pushbuttons	✓	✓	✓	--
Selector switches	✓	☐	--	--
Key-operated switches	✓	☐	--	--
Bowden wires	--	--	✓	--
Indicators				
Indicator lights	✓	☐	✓	--
Acoustic signaling devices	✓	☐	--	--
Contact blocks				
Single-pole	✓	✓	--	--
Two-pole	--	✓	✓	✓
Three-pole	--	--	✓	✓
Four-pole	--	--	✓	✓
Connections				
Screw terminals	✓	✓	✓	✓
Spring-type terminals	✓	☐	--	✓
Molded cables	--	--	--	✓
Plug-in connection	☐	☐	☐	☐
AS-Interface	✓	☐	✓	--



	8WD42, 8WD44	8WD53
	Signaling columns	Integrated signal lamps
Enclosures		
Plastic	✓	✓
Metal	--	--
Lighting		
Incandescent lamps	✓	✓
LEDs	✓	✓
Flashlights	✓	✓
Connections		
Screw terminals	✓	✓
Spring-type terminals	✓	--
AS-Interface	✓	--

3SB2 Pushbuttons and Indicator Lights, 16 mm

General data

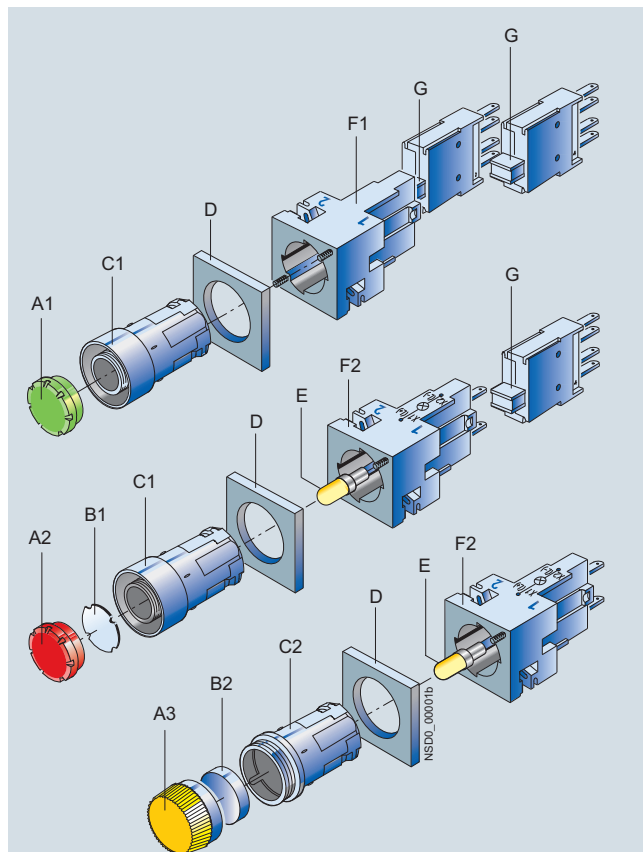
Overview

The 3SB2 pushbuttons 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 60947-1, EN 60947-1,
IEC 60947-5-1, EN 60947-5-1,
IEC 60947-5-5, EN 60947-5-5 for
EMERGENCY-STOP mushroom pushbuttons

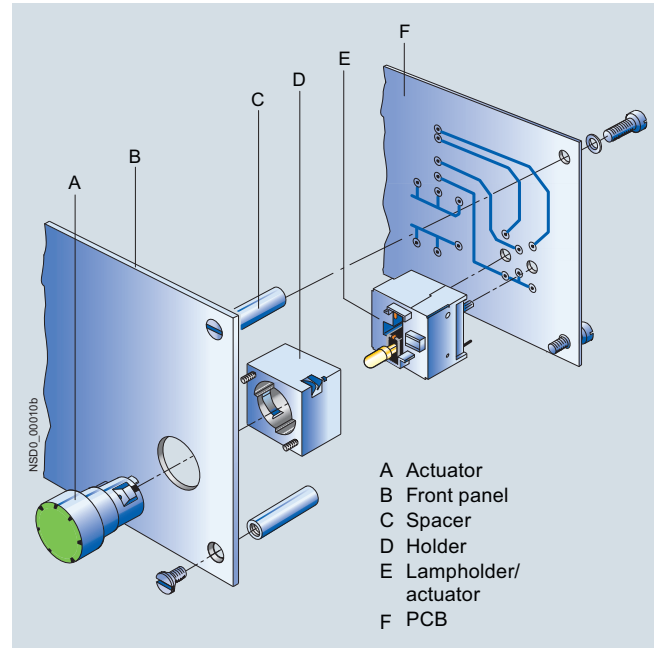
Version with flat connector





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

For PCB mounting

For use on printed circuit boards, special contact blocks and lampholders for soldering into the printed circuit board are available. For this purpose, the contact blocks and lampholders are fitted with 0.8 mm x 0.8 mm solder pins of length 3.5 mm.



Connection methods

-  Flat connectors
-  Solder pin connections

The terminals are indicated in the corresponding tables by the symbols shown on orange backgrounds.


Application

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

Safety EMERGENCY-STOP pushbuttons according to ISO 13850

For controls according to IEC 60204-1 or EN 60204-1, the mushroom pushbuttons of the 3SB2 series are suitable for use as safety EMERGENCY-STOP pushbuttons.

Safety circuits

IEC 60947-5-1 and EN 60947-5-1 require positive opening, i.e. 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 ISO 13849-1 can be attained with the EMERGENCY-STOP mushroom pushbuttons if the corresponding fail-safe evaluation units are selected and correctly installed, e.g. the 3SK11 safety relays, the 3RK3 Modular Safety System (see Chapter 11, "Safety Technology") or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

Technical specifications

Type	3SB2	
Contact blocks and lampholders		
Standards	IEC 60947-5-1, EN 60947-5-1 IEC 60947-5-5, EN 60947-5-5	
Rated insulation voltage U_i	V	250
Conventional thermal current I_{th}	A	10
Rated operational current I_e at rated operational voltage U_e		
• Alternating current AC-12 - At $U_e = 24 \dots 230$ V	A	10
• Alternating current AC-15 - At $U_e = 24 \dots 230$ V	A	4
• Direct current DC-12 - At $U_e = 24$ V	A	6
- At $U_e = 60$ V	A	5
- At $U_e = 110$ V	A	2.5
- At $U_e = 230$ V	A	1
• Direct current DC-13 - At $U_e = 24$ V	A	3
- At $U_e = 60$ V	A	1.5
- At $U_e = 110$ V	A	0.7
- At $U_e = 230$ V	A	0.3
Contact stability		
• Test voltage/test current	5 V/1 mA	
Lamps		
• Bases	Wedge base W2 x 4.6d	
• Rated voltage	V	6, 12, 24, 30, 48, 60
• Rated power, max.	W	1
Short-circuit protection weld-free according to IEC 60947-5-1		
• DIAZED fuse links, utilization category gG	10 A TDz, 16 A Dz	
• Miniature circuit breaker with C characteristic according to IEC 60898	10 A	
Electrical endurance		
• For utilization category AC-15 with 3RT1015 to 3RT1026 contactors	10 x 10 ⁶ operating cycles	
Mechanical endurance		
	10 x 10 ⁶ operating cycles	
Degree of protection acc. to IEC 60529		
• Connection of contact blocks and lampholders behind the front plate	IP00	
• Contact chambers of the contact blocks behind the front plate	IP40	
Finger-safe according to EN 50274 and BGV A3		
	With voltages > 50 V AC or 120 V DC, insulation sleeves must be fitted to the unassigned tab connections.	
Data according to UL and CSA		
Rated voltage		
• Contact blocks	V	250 AC
• Indicator light (lamp with wedge base W2 x 4.6d)	V	60; 1 W
Uninterrupted current	A	5
Switching capacity	B 300, R 300	
Actuators and indicators		
Mechanical endurance		
• Pushbuttons	10 x 10 ⁶ operating cycles	
• Actuators, rotary or latching	3 x 10 ⁵ operating cycles	
• Illuminated pushbuttons	3 x 10 ⁶ operating cycles	
Climatic withstand capability		
	Climate-proof; suitable for marine applications	
Ambient temperature		
• During operation, non-illuminated devices and complete with LED	°C	-25 ... +70
• During operation, devices with incandescent lamp	°C	-25 ... +60
• During storage, transport	°C	-40 ... +80
Degree of protection acc. to IEC 60529		
• Actuators and indicators	IP65	
• Actuators and indicators with protective cap	IP67	
Protective measures		
• For mounting in metal front plates and enclosures	The actuators and lens assemblies must not be included in the protective measures.	
• For fitting into enclosures with total insulation	The protective measure "Total insulation" is retained.	
Shock resistance acc. to IEC 60068-2-27		
• Shock amplitude	≤ 50 g	
• Shock duration	ms	11
• Shock form	Half-sine	

More technical information, see [Reference Manual "Commanding and signaling devices"](#).

3SB2 Pushbuttons and Indicator Lights, 16 mm

General data

Configuration

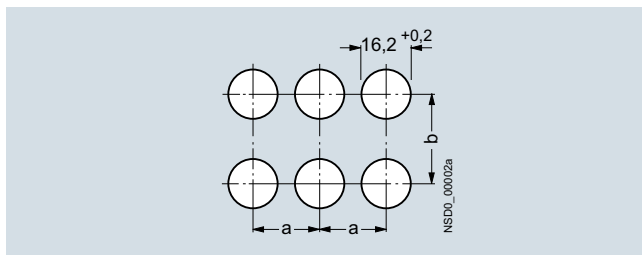
Design

Two design versions can be mounted:

- Round design: The 3SB2 pushbuttons and indicator lights are assembled with the modules – actuator, holder, contact block and lampholder. Depending on the specific application, various versions can be assembled. Complete units are offered for the most commonly used applications.
- Square design: With square, black frames the round units can be given a square look. The frames are inserted underneath the round actuators. Further mounting is the same as for the round version.

Mounting and fixing:

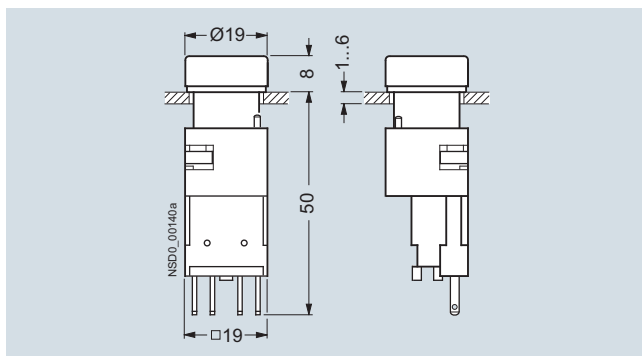
Mounting dimensions according to EN 50007
(not applicable to EMERGENCY-STOP mushroom pushbuttons)



Minimum clearance	a	b
Round version	19	19
Square version without inscription label	21	21
Round and square version with inscription label	21	32
For 2 selector switches with 3 switch positions, latching, side by side	21	21

For mounting, the actuator or the lens assembly is inserted from the front into the hole in the front plate. Four small nubs ensure a secure fitting in the hole. The holder is plugged on from the back and snaps automatically into place. The module is fixed to the holder with two screws so that it is immune to vibrations.

One or two contact blocks can be mounted on the holder. They are inserted into the holder with slide slots and held down with two snap brackets.



Pushbutton (flat) with holder and contact block

If a command point is fitted with an indicator light or illuminated pushbutton, a lamp socket with lampholder must be used instead of a holder. It is suitable for incandescent lamps or LEDs with bases of type W2 x 4.6d.

For PCB mounting

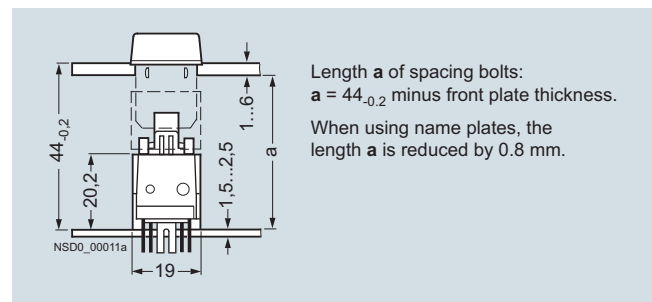
The command point comprises the actuator – e.g. 3SB2 pushbutton, illuminated pushbutton or indicator light –, which is mounted in the front plate, and a contact block and a lampholder which are soldered to the PCB. For this purpose, the contact blocks and lampholders are fitted with 0.8 mm x 0.8 mm solder pins of length 3.5 mm.

Mounting and fixing:

Mounting dimensions according to EN 50007.

The actuators are mounted in the same way as 3SB2 front plate mounting devices.

The contact blocks and lampholders are plugged into the printed circuit board by means of their solder pins and can be flow-soldered. After soldering, the devices must be flush with the board and perpendicular to it. The printed circuit board must be supported on spacing bolts so that it cannot sag or bend more than 0.1 mm.



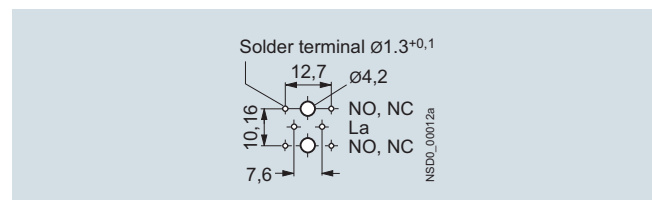
Length *a* of spacing bolts:
 $a = 44_{-0,2}$ minus front plate thickness.
When using name plates, the length *a* is reduced by 0.8 mm.

Illuminated pushbutton with solder pin connection

To avoid bending the PCB when the control device is operated, sufficient spacing bolts must be provided as shown in the table below:




PCB thickness	Max. distance between spacing bolts
1.5 mm	80 mm
2.5 mm	150 mm
When using EMERGENCY-STOP pushbuttons	always 50 mm

These details are based on epoxy resin glass fiber mat.



Solder pin spacing

Selection and ordering data

Version	Contact blocks	Color of handle	DT	Flat connectors		PU (UNIT, SET, M)	PS*	PG	
				Article No.	Price per PU				
 <p>Pushbuttons with flat button</p>	Pushbuttons with flat button		1 NO	Black	▶	3SB2202-0AB01	1	1 unit	41J
	1 NC	Black	B	3SB2203-0AB01	1	1 unit	41J		
	1 NC	Red	▶	3SB2203-0AC01	1	1 unit	41J		
	1 NO	Yellow	B	3SB2202-0AD01	1	1 unit	41J		
	1 NO	Green	▶	3SB2202-0AE01	1	1 unit	41J		
	1 NO	Blue	B	3SB2202-0AF01	1	1 unit	41J		
	1 NO	White	▶	3SB2202-0AG01	1	1 unit	41J		
	1 NO	Clear ¹⁾	B	3SB2202-0AH01	1	1 unit	41J		
	Illuminated pushbuttons with flat button		1 NC	Red	▶	3SB2207-0AC01	1	1 unit	41J
	Lampholder W2 x 4.6d without lamp ²⁾		1 NO	Yellow ¹⁾	B	3SB2206-0AD01	1	1 unit	41J
		1 NO	Green	▶	3SB2206-0AE01	1	1 unit	41J	
		1 NO	Blue	B	3SB2206-0AF01	1	1 unit	41J	
		1 NO	Clear ¹⁾	▶	3SB2206-0AH01	1	1 unit	41J	
Illuminated pushbuttons with flat button		1 NC	Red	▶	3SB2227-0AC01	1	1 unit	41J	
Lampholder W2 x 4.6d with incandescent lamp 24 V		1 NO	Yellow ¹⁾	B	3SB2226-0AD01	1	1 unit	41J	
		1 NO	Green	▶	3SB2226-0AE01	1	1 unit	41J	
		1 NO	Blue	B	3SB2226-0AF01	1	1 unit	41J	
		1 NO	Clear ¹⁾	▶	3SB2226-0AH01	1	1 unit	41J	
 <p>Illuminated pushbuttons with raised button</p>	Pushbuttons with raised button		1 NO	Black	B	3SB2202-0LB01	1	1 unit	41J
	1 NC	Red	B	3SB2203-0LC01	1	1 unit	41J		
	1 NO	Yellow	B	3SB2202-0LD01	1	1 unit	41J		
	1 NO	Blue	B	3SB2202-0LF01	1	1 unit	41J		
	1 NO	Clear ¹⁾	B	3SB2202-0LH01	1	1 unit	41J		
	Illuminated pushbuttons with raised button		1 NC	Red	B	3SB2207-0LC01	1	1 unit	41J
	Lampholder W2 x 4.6d without lamp ²⁾		1 NO	Yellow ¹⁾	B	3SB2206-0LD01	1	1 unit	41J
		1 NO	Green	B	3SB2206-0LE01	1	1 unit	41J	
		1 NO	Blue	B	3SB2206-0LF01	1	1 unit	41J	
		1 NO	Clear ¹⁾	B	3SB2206-0LH01	1	1 unit	41J	
Illuminated pushbuttons with raised button		1 NC	Red	B	3SB2227-0LC01	1	1 unit	41J	
Lampholder W2 x 4.6d with incandescent lamp 24 V		1 NO	Yellow ¹⁾	B	3SB2226-0LD01	1	1 unit	41J	
		1 NO	Green	B	3SB2226-0LE01	1	1 unit	41J	
		1 NO	Blue	B	3SB2226-0LF01	1	1 unit	41J	
		1 NO	Clear ¹⁾	B	3SB2226-0LH01	1	1 unit	41J	
 <p>EMERGENCY-STOP mushroom pushbuttons</p>	EMERGENCY-STOP mushroom pushbuttons according to ISO 13850, latching³⁾		1 NC	↻ ⁴⁾ Red	▶	3SB2203-1AC01	1	1 unit	41J
	Latches automatically when pressed; unlatches by turning the mushroom head counterclockwise, with yellow name plate with inscription "NOT-HALT"								

¹⁾ Inscription is possible by inserting a label.


²⁾ Wedge base lamps see "Accessories", page 13/18.


³⁾ The mushroom pushbutton cannot be combined with 3SB2902-0AB name plate or 3SB2902-0AA single frame.

⁴⁾ Positive opening according to IEC 60947-5-1, Appendix K.


3SB2 Pushbuttons and Indicator Lights, 16 mm

Complete units

Version	Contact blocks	Color of handle	DT	Flat connectors		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			
 <p>Selector switches</p>	Selector switches with 2 switch positions Switching sequence O-I, 62° operating angle, latching							
	1 NO	Black	▶	3SB2202-2AB01		1	1 unit	41J
	1 NO	Red	B	3SB2202-2AC01		1	1 unit	41J
	1 NO	Green	B	3SB2202-2AE01		1	1 unit	41J
	1 NO	White	B	3SB2202-2AG01		1	1 unit	41J
	Selector switches with 3 switch positions Switching sequence I-O-II, 2 × 62° operating angle, latching							
	1 NO, 1 NO	Black	▶	3SB2210-2DB01		1	1 unit	41J
	1 NO, 1 NO	Red	B	3SB2210-2DC01		1	1 unit	41J
	1 NO, 1 NO	Green	B	3SB2210-2DE01		1	1 unit	41J
	1 NO, 1 NO	White	B	3SB2210-2DG01		1	1 unit	41J
	Selector switches with 3 switch positions Switching sequence I-O-II, 2 × 50° operating angle, momentary contact type							
	1 NO, 1 NO	Black	▶	3SB2210-2EB01		1	1 unit	41J
	1 NO, 1 NO	Red	B	3SB2210-2EC01		1	1 unit	41J
	1 NO, 1 NO	Green	B	3SB2210-2EE01		1	1 unit	41J
	1 NO, 1 NO	White	B	3SB2210-2EG01		1	1 unit	41J

Version	Contact blocks	Lock No.	Key removal position	DT	Flat connectors		PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU			
 <p>CES key-operated switch</p>	CES key-operated switches¹⁾, 2 switch positions Switching sequence O-I, 62° operating angle, latching								
	1 NO	SB2	O	▶	3SB2202-4LA01		1	1 unit	41J
	1 NO	SB2	O + I	B	3SB2202-4LB01		1	1 unit	41J
	CES key-operated switches¹⁾, 3 switch positions Switching sequence I-O-II, 2 × 62° operating angle, latching								
	1 NO, 1 NO	SB2	O	B	3SB2210-4PA01		1	1 unit	41J
	1 NO, 1 NO	SB2	I + O + II	B	3SB2210-4PB01		1	1 unit	41J
	CES key-operated switches¹⁾, 3 switch positions Switching sequence I-O-II, 2 × 50° operating angle, momentary contact type								
	1 NO, 1 NO	SB2	O	B	3SB2210-4QA01		1	1 unit	41J

¹⁾ Also available with additional locking systems. The Article No. must be supplemented with "-Z", the order code "Y01" and the required lock number.




Version	Color of screw lens	DT	Flat connectors		PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU			
 <p>Indicator lights</p>	Indicator lights Lampholder W2 x 4.6d without lamp ¹⁾						
	Red	▶	3SB2204-6BC06		1	1 unit	41J
	Yellow	B	3SB2204-6BD06		1	1 unit	41J
	Green	▶	3SB2204-6BE06		1	1 unit	41J
	White	▶	3SB2204-6BG06		1	1 unit	41J
	Clear	B	3SB2204-6BH06		1	1 unit	41J
	Indicator lights Lampholder W2 x 4.6d with incandescent lamp 24 V						
	Red	▶	3SB2224-6BC06		1	1 unit	41J
	Yellow	B	3SB2224-6BD06		1	1 unit	41J
	Green	▶	3SB2224-6BE06		1	1 unit	41J
	White	▶	3SB2224-6BG06		1	1 unit	41J
	Clear	B	3SB2224-6BH06		1	1 unit	41J

¹⁾ Wedge base lamps see "Accessories", page 13/18.

3SB2 Pushbuttons and Indicator Lights, 16 mm

Actuators and indicators

Selection and ordering data

Version	Color of handle	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Pushbuttons							
 Pushbuttons and illuminated pushbuttons with flat button	Pushbuttons with flat button	Black	▶ 3SB2000-0AB01		1	1 unit	41J
		Red	▶ 3SB2000-0AC01		1	1 unit	41J
		Yellow	B 3SB2000-0AD01		1	1 unit	41J
		Green	▶ 3SB2000-0AE01		1	1 unit	41J
		Blue	▶ 3SB2000-0AF01		1	1 unit	41J
		White	▶ 3SB2000-0AG01		1	1 unit	41J
		Clear ¹⁾	B 3SB2000-0AH01		1	1 unit	41J
	Illuminated pushbuttons with flat button	Red	▶ 3SB2001-0AC01		1	1 unit	41J
		Yellow ¹⁾	B 3SB2001-0AD01		1	1 unit	41J
		Green	▶ 3SB2001-0AE01		1	1 unit	41J
	Blue	B 3SB2001-0AF01		1	1 unit	41J	
	White	▶ 3SB2000-0AG01		1	1 unit	41J	
	Clear ¹⁾	B 3SB2000-0AH01		1	1 unit	41J	
 Pushbutton and illuminated pushbutton with raised button	Pushbuttons with raised button	Black	B 3SB2000-0LB01		1	1 unit	41J
		Red	B 3SB2000-0LC01		1	1 unit	41J
		Yellow	B 3SB2000-0LD01		1	1 unit	41J
		Blue	B 3SB2000-0LF01		1	1 unit	41J
		White	B 3SB2000-0LG01		1	1 unit	41J
		Clear ¹⁾	B 3SB2000-0LH01		1	1 unit	41J
	Illuminated pushbuttons with raised button	Red	B 3SB2001-0LC01		1	1 unit	41J
		Yellow ¹⁾	B 3SB2001-0LD01		1	1 unit	41J
		Green	▶ 3SB2001-0LE01		1	1 unit	41J
		Blue	B 3SB2001-0LF01		1	1 unit	41J
	Clear ¹⁾	B 3SB2000-0LH01		1	1 unit	41J	
 EMERGENCY-STOP mushroom pushbuttons	EMERGENCY-STOP mushroom pushbuttons acc. to ISO 13850, latching²⁾	Red	▶ 3SB2000-1AC01		1	1 unit	41J
	Latches automatically when pressed; unlatches by turning the mushroom head counterclockwise						









¹⁾ Inscription is possible by inserting a label.

²⁾ The mushroom pushbutton cannot be combined with 3SB2902-0AB name plate or 3SB2902-0AA single frame.

Version	Color of handle	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Selector switches




 Selector switches	Selector switches with 2 switch positions		Black	▶ 3SB2000-2AB01		1	1 unit	41J
	Switching sequence O-I, 62° operating angle, latching		Red	B 3SB2000-2AC01		1	1 unit	41J
			Green	B 3SB2000-2AE01		1	1 unit	41J
			White	B 3SB2000-2AG01		1	1 unit	41J
	Selector switches with 2 switch positions		Black	C 3SB2000-2BB01		1	1 unit	41J
	Switching sequence O-I, 50° operating angle, momentary contact type (reset from the right)		Red	B 3SB2000-2BC01		1	1 unit	41J
			Green	B 3SB2000-2BE01		1	1 unit	41J
	Selector switches with 2 switch positions		Black	B 3SB2000-2HB01		1	1 unit	41J
	Switching sequence O-I, 90° operating angle, latching		Red	B 3SB2000-2HC01		1	1 unit	41J
			Green	B 3SB2000-2HE01		1	1 unit	41J
		White	B 3SB2000-2HG01		1	1 unit	41J	
 Selector switches with 3 switch positions	Selector switches with 3 switch positions		Black	▶ 3SB2000-2DB01		1	1 unit	41J
	Switching sequence I-O-II, 2 x 62° operating angle, latching		Red	B 3SB2000-2DC01		1	1 unit	41J
			Green	B 3SB2000-2DE01		1	1 unit	41J
			White	B 3SB2000-2DG01		1	1 unit	41J
	Selector switches with 3 switch positions		Black	▶ 3SB2000-2EB01		1	1 unit	41J
Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type		Red	B 3SB2000-2EC01		1	1 unit	41J	
		Green	B 3SB2000-2EE01		1	1 unit	41J	
		White	B 3SB2000-2EG01		1	1 unit	41J	
Selector switches with 3 switch positions		Black	B 3SB2000-2JB01		1	1 unit	41J	
Switching sequence I-O-II, 2 x 90° operating angle, latching								

3SB2 Pushbuttons and Indicator Lights, 16 mm

Actuators and indicators




Version	Lock No.	Key removal position	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Key-operated switches									
 CES key-operated switch	CES key-operated switches¹⁾ with 2 keys, 2 switch positions Switching sequence O-I, 62° operating angle, latching		SB2	O+I O	B ▶	3SB2000-4LB01 3SB2000-4LA01	1 1	1 unit 1 unit	41J 41J
	CES key-operated switches¹⁾ with 2 keys, 2 switch positions Switching sequence O-I, 50° operating angle, momentary contact type		SB2	O	▶	3SB2000-4MA01	1	1 unit	41J
	CES key-operated switches¹⁾ with 2 keys, 3 switch positions Switching sequence I-O-II, 2 x 62° operating angle, latching		SB2	I+O+II O	B B	3SB2000-4PB01 3SB2000-4PA01	1 1	1 unit 1 unit	41J 41J
	CES key-operated switches¹⁾ with 2 keys, 3 switch positions Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type		SB2	O	B	3SB2000-4QA01	1	1 unit	41J

¹⁾ Also available with additional locking systems. The Article No. must be supplemented with "-Z", the order code "Y01" and the required lock number.

Version	Color of screw lens	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Indicator lights							
 Indicator lights	Indicator lights with concentric rings (inscription with insert caps is not possible)	Red	▶	3SB2001-6BC06	1	1 unit	41J
		Yellow	B	3SB2001-6BD06	1	1 unit	41J
		Green	▶	3SB2001-6BE06	1	1 unit	41J
		Blue	B	3SB2001-6BF06	1	1 unit	41J
		White	▶	3SB2001-6BG06	1	1 unit	41J
		Clear	B	3SB2001-6BH06	1	1 unit	41J
	Indicator lights, smooth for inscription with insert caps ¹⁾	Red	B	3SB2001-6CC06	1	1 unit	41J
		Yellow	B	3SB2001-6CD06	1	1 unit	41J
		Green	B	3SB2001-6CE06	1	1 unit	41J
		Blue	B	3SB2001-6CF06	1	1 unit	41J
	Clear	B	3SB2001-6CH06	1	1 unit	41J	

¹⁾ Insert caps, see "Accessories", page 13/15.

Selection and ordering data

Version	Graphic symbols	Operating travel	DT	Flat connectors	PU (UNIT, SET, M)	PS*	PG
		 Contact closed  Contact open					
				Article No.	Price per PU		

Contact blocks and lampholders with flat connectors 2 × 2.8 – 0.8 mm according to IEC 60760

Holders for fixing the actuator and the contact blocks

Holder

Holders for 2 contact blocks
Inscription with identification number 1-2

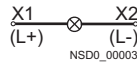
▶ **3SB2908-0AA** 1 5 units 41J

Lampholders with holder for fixing the actuator and the contact blocks

Lampholders

Lampholders

W2 x 4.6d
without lamp

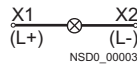


▶ **3SB2304-2A** 1 1 unit 41J

Lampholders

W2 x 4.6d

- With 6 V incandescent lamp
- With 24 V incandescent lamp

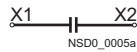


B **3SB2304-2F** 1 1 unit 41J

B **3SB2304-2H** 1 1 unit 41J

Voltage reducers¹⁾

For connecting the
3SB2908-1AE lamp (48 V) to
230 V AC



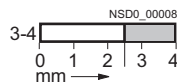
B **3SB2404-3D** 1 1 unit 41J



Voltage reducer

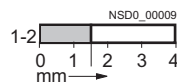
Contact blocks for fixing in the holder or lampholder**Contact blocks with one contact²⁾**

1 NO

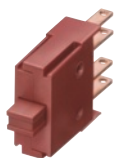


▶ **3SB2404-0B** 1 1 unit 41J

1 NC ³⁾



▶ **3SB2404-0C** 1 1 unit 41J



Contact blocks




¹⁾ Use fixpoint terminal according to IEC 60439-1.

²⁾ For plug-in and insulation sleeves see "Accessories", page 13/19.

³⁾ NC with positive opening according to IEC 60947-5-1, Appendix K.

3SB2 Pushbuttons and Indicator Lights, 16 mm

Contact blocks and lampholders

Version	Graphic symbols	Operating travel	DT	Solder pin connections	PU (UNIT, SET, M)	PS*	PG
		 Contact closed  Contact open					
				Article No.	Price per PU		

Contact blocks and lampholders with solder pins




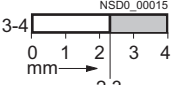
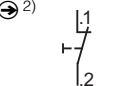
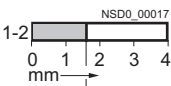
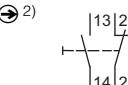


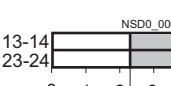
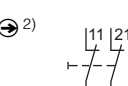

Holder

Holders for contact block with solder pins For mounting the actuators in the front panel		C	3SB2908-0AB	1	5 units	41J
--	--	---	--------------------	---	---------	-----

Lampholders Wedge base W2 x 4.6d ¹⁾	 X1  X2	B	3SB2455-2A	1	1 unit	41J
--	--	---	-------------------	---	--------	-----


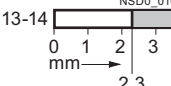
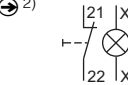
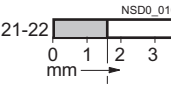
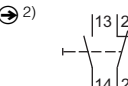


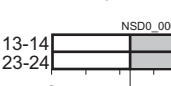
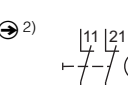
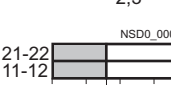


Contact block with solder pins

Contact blocks						
1 NO			B	3SB2455-0B	1	1 unit 41J
1 NC			B	3SB2455-0C	1	1 unit 41J
1 NO + 1 NC			B	3SB2455-0J	1	1 unit 41J
1 NO + 1 NO			B	3SB2455-0E	1	1 unit 41J
1 NC + 1 NC			B	3SB2455-0F	1	1 unit 41J



Contact block and lampholder with solder pins

Contact blocks and lampholders, wedge base W2 x 4.6d ¹⁾						
1 NO			B	3SB2455-1B	1	1 unit 41J
1 NC			B	3SB2455-1C	1	1 unit 41J
1 NO + 1 NC			B	3SB2455-1J	1	1 unit 41J
1 NO + 1 NO			B	3SB2455-1E	1	1 unit 41J
1 NC + 1 NC			B	3SB2455-1F	1	1 unit 41J

¹⁾ The lamp is not included in the scope of supply.

²⁾ NC with positive opening according to IEC 60947-5-1, Appendix K.

3SB2 Pushbuttons and Indicator Lights, 16 mm

Accessories and Spare Parts

Insert labels and insert caps

Overview

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






The insert 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. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

For customized inscriptions see "Options", page 13/16.
























Selection and ordering data

Inscription/Symbol	Symbol No.	DT	Insert labels For pushbuttons and illuminated pushbuttons, flat Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG		
For self-inscription									
	Blank	B	3SB2901-4AA		100	10 units	41J		
With inscription									
	Ein	B	3SB2901-4AB		100	10 units	41J		
	Aus	B	3SB2901-4AC		100	10 units	41J		
	Auf	B	3SB2901-4AD		100	10 units	41J		
	Ab	B	3SB2901-4AE		100	10 units	41J		
	Vor	B	3SB2901-4AF		100	10 units	41J		
	Zurück	B	3SB2901-4AG		100	10 units	41J		
	Rechts	B	3SB2901-4AH		100	10 units	41J		
	Links	B	3SB2901-4AJ		100	10 units	41J		
	Halt	B	3SB2901-4AK		100	10 units	41J		
	Zu	B	3SB2901-4AL		100	10 units	41J		
	Langsam	B	3SB2901-4AN		100	10 units	41J		
	Störung	B	3SB2901-4AQ		100	10 units	41J		
	On	B	3SB2901-4EB		100	10 units	41J		
	Start	B	3SB2901-4EK		100	10 units	41J		
	Stop	B	3SB2901-4EL		100	10 units	41J		
	Reset	B	3SB2901-4EM		100	10 units	41J		
	Test	B	3SB2901-4EN		100	10 units	41J		
	0	B	3SB2901-4RA		100	10 units	41J		
	1	B	3SB2901-4RB		100	10 units	41J		
	2	B	3SB2901-4RC		100	10 units	41J		
3	B	3SB2901-4RD		100	10 units	41J			
4	B	3SB2901-4RE		100	10 units	41J			
5	B	3SB2901-4RF		100	10 units	41J			
6	B	3SB2901-4RG		100	10 units	41J			
7	B	3SB2901-4RH		100	10 units	41J			
8	B	3SB2901-4RJ		100	10 units	41J			
9	B	3SB2901-4RK		100	10 units	41J			
Graphic ON/OFF symbols									
	O (Off)			5008 IEC	B	3SB2901-4MB	100	10 units	41J
	I (On)			5007 IEC	B	3SB2901-4MC	100	10 units	41J
	II (On)			--	B	3SB2901-4MD	100	10 units	41J

3SB2 Pushbuttons and Indicator Lights, 16 mm

Accessories and Spare Parts
















Insert labels and insert caps

Inscription/Symbol	Symbol No.	DT	Insert labels For pushbuttons and illuminated pushbuttons, flat		PU (UNIT, SET, M)	PS*	PG	
			Article No.	Price per PU				
Graphic equipment symbols								
	Electric motor		0011 ISO	B	3SB2901-4PA	100	10 units	41J
	Horn		5014 IEC	B	3SB2901-4PB	100	10 units	41J
	Pump		0134 ISO	B	3SB2901-4PD	100	10 units	41J
	Coolant pump		0355 ISO	B	3SB2901-4PE	100	10 units	41J
Graphic motion symbols								
	Motion in direction of arrow (straight)		5022 IEC	B	3SB2901-4NA	100	10 units	41J
	Motion in direction of arrow (diagonal)		--	B	3SB2901-4NB	100	10 units	41J
	Clockwise rotation		0004 ISO	B	3SB2901-4NC	100	10 units	41J
	Counterclockwise rotation		--	B	3SB2901-4ND	100	10 units	41J
	Fast motion		0266 ISO	B	3SB2901-4NE	100	10 units	41J
	Increase (plus)		5005 IEC	B	3SB2901-4NG	100	10 units	41J
	Decrease (minus)		5006 IEC	B	3SB2901-4MC	100	10 units	41J
Graphic control symbols								
	Clamp		--	B	3SB2901-4QB	100	10 units	41J
	Release		--	B	3SB2901-4QC	100	10 units	41J
	Brake off		0021 ISO	B	3SB2901-4QE	100	10 units	41J
	Lock		0022 ISO	B	3SB2901-4QF	100	10 units	41J
	Unlock		0023 ISO	B	3SB2901-4QG	100	10 units	41J
	On/Off, momentary contact		5011 IEC	B	3SB2901-4QJ	100	10 units	41J
	Manual operation		0096 ISO	B	3SB2901-4QK	100	10 units	41J
	Automatic sequence		0017 ISO	B	3SB2901-4QL	100	10 units	41J
Customized inscriptions								
	Any inscription 1 line of text with up to 6 characters with 3 mm letter height. Please add the appropriate order code to the Article No. and specify the line of text required.			B	3SB2901-4AZ K0Y	1	1 unit	41J
				B	K1Y or K2Y	1	1 unit	41J
				B	K5Y	1	1 unit	41J
	Other graphic symbols Please add the order code "K3Y" to the Article No. and specify the serial number and the applied standard (ISO 7000 or IEC 60417).			B	3SB2901-4AZ K3Y	1	1 unit	41J
	Any inscription or symbol Please add the order code "K9Y" to the Article No. and specify the inscription or the symbol required.			B	3SB2901-4AZ K9Y	1	1 unit	41J

3SB2 Pushbuttons and Indicator Lights, 16 mm

Accessories and Spare Parts






Insert labels and insert caps

Inscription/Symbol	Symbol No.	DT	Insert caps For pushbuttons and illuminated pushbuttons, raised		PU (UNIT, SET, M)	PS*	PG	
			Article No.	Price per PU				
For self-inscription								
	Blank	B	3SB2901-5AA		100	10 units	41J	
With inscription								
	On	B	3SB2901-5EB		100	10 units	41J	
	Aus	B	3SB2901-5AC		100	10 units	41J	
	Auf	B	3SB2901-5AD		100	10 units	41J	
	Zu	B	3SB2901-5AL		100	10 units	41J	
	0	C	3SB2901-5RA		100	10 units	41J	
	1	B	3SB2901-5RB		100	10 units	41J	
	2	B	3SB2901-5RC		100	10 units	41J	
	3	B	3SB2901-5RD		100	10 units	41J	
	4	B	3SB2901-5RE		100	10 units	41J	
	5	B	3SB2901-5RF		100	10 units	41J	
	6	B	3SB2901-5RG		100	10 units	41J	
	7	B	3SB2901-5RH		100	10 units	41J	
	8	B	3SB2901-5RJ		100	10 units	41J	
	9	B	3SB2901-5RK		100	10 units	41J	
Graphic ON/OFF symbols								
	O (Off)		5008 IEC	B	3SB2901-5MB	100	10 units	41J
	I (On)		5007 IEC	B	3SB2901-5MC	100	10 units	41J
Graphic motion symbols								
	Motion in direction of arrow		5022 IEC	B	3SB2901-5NA	100	10 units	41J
	Motion in direction of arrow		--	B	3SB2901-5NB	100	10 units	41J
	Increase (plus)		5005 IEC	B	3SB2901-5NG	100	10 units	41J
	Decrease (minus)		5006 IEC	B	3SB2901-5MC	100	10 units	41J
Graphic control symbols								
	Clamp		--	B	3SB2901-5QB	100	10 units	41J
	Release		--	B	3SB2901-5QC	100	10 units	41J
Customized inscriptions								
	Any inscription 1 line of text with up to 6 characters with 3 mm letter height. Please add the appropriate order code to the Article No. and specify the line of text required.			B	3SB2901-5AZ K0Y	1	1 unit	41J
				B	K1Y or K2Y	1	1 unit	41J
				B	K5Y	1	1 unit	41J
	Other graphic symbols Please add the order code "K3Y" to the Article No. and specify the serial number and the applied standard (ISO 7000 or IEC 60417).			B	3SB2901-5AZ K3Y	1	1 unit	41J
	Any inscription or symbol Please add the order code "K9Y" to the Article No. and specify the inscription or the symbol required.			B	3SB2901-5AZ K9Y	1	1 unit	41J

3SB2 Pushbuttons and Indicator Lights, 16 mm

Accessories and Spare Parts

Insert labels and insert caps

Inscription/Symbol	Symbol No.	DT	Insert caps	PU (UNIT, SET, M)	PS*	PG	
			For indicator lights				
			Article No.	Price per PU			
For self-inscription							
	Blank	B	3SB2901-7AA	100	10 units	41J	
With inscription							
	Betrieb	B	3SB2901-7AP	100	1 unit	41J	
	Störung	B	3SB2901-7AQ	100	10 units	41J	
Graphic symbols							
	Pump	0134 ISO	B	3SB2901-7PD	100	10 units	41J
	Manual operation	 0096 ISO	B	3SB2901-7QK	100	10 units	41J
Customized inscriptions							
	Any inscription 1 line of text with up to 6 characters with 3 mm letter height. Please add the appropriate order code to the Article No. and specify the line of text required.	B	3SB2901-7AZ K0Y	1	1 unit	41J	
		B	K1Y or K2Y	1	1 unit	41J	
		B	K5Y	1	1 unit	41J	
	Other graphic symbols Please add the order code " K3Y " to the Article No. and specify the serial number and the applied standard (ISO 7000 or IEC 60417).	B	3SB2901-7AZ K3Y	1	1 unit	41J	
	Any inscription or symbol Please add the order code " K9Y " to the Article No. and specify the inscription or the symbol required.	B	3SB2901-7AZ K9Y	1	1 unit	41J	

Options

Customized inscriptions

Labels and caps can be inscribed with text and symbols not listed in the ordering data. Append the following order codes to the Article No.:

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

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

One line with up to 6 characters with 3 mm letter height is possible for the inscription (see ordering example 1).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see ordering example 2 and 3).

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

Ordering example 1

3SB2901-4AZ
K1Y
Z = pump

Ordering example 2

3SB2901-4AZ
K3Y
Z = 5008 IEC

Ordering example 3

3SB2901-4AZ
K3Y
Z = 1118 ISO

3SB2 Pushbuttons and Indicator Lights, 16 mm

Accessories and Spare Parts

Name plates

Overview















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

Note mounting dimensions!

Inscriptions

The inscriptions (also special inscriptions) are lower case with upper case initial letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

Selection and ordering data

Inscription/Symbol	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Inscription labels, self-adhesive, 9.5 mm × 18.5 mm								
	Blank	▶	3SB2901-2AA		100	10 units	41J	
	Ein	B	3SB2901-2AB		100	10 units	41J	
	Aus	B	3SB2901-2AC		100	10 units	41J	
	Auf	B	3SB2901-2AD		100	10 units	41J	
	Zu	B	3SB2901-2AL		100	10 units	41J	
	Vor	B	3SB2901-2AF		100	10 units	41J	
	Zurück	B	3SB2901-2AG		100	10 units	41J	
	Schnell	B	3SB2901-2AM		100	10 units	41J	
	Langsam	B	3SB2901-2AN		100	10 units	41J	
	Betrieb	B	3SB2901-2AP		100	10 units	41J	
	Störung	B	3SB2901-2AQ		100	10 units	41J	
	Einrichten	B	3SB2901-2AR		100	10 units	41J	
	On	B	3SB2901-2EB		100	10 units	41J	
	Off	B	3SB2901-2EC		100	10 units	41J	
	Start	B	3SB2901-2EL		100	10 units	41J	
	Reset	B	3SB2901-2EM		100	10 units	41J	
	Fault	B	3SB2901-2EW		100	10 units	41J	
	Hand Auto	B	3SB2901-2BA		100	10 units	41J	
	Manual 0 Auto	B	3SB2901-2BE		100	10 units	41J	
	Man 0 Auto	B	3SB2901-2ET		100	10 units	41J	
	Graphic symbols							
	O (Off)		5008 IEC	B	3SB2901-2MB	100	10 units	41J
	I (On)		5007 IEC	B	3SB2901-2MC	100	10 units	41J
	O I (horizontal)		--	B	3SB2901-2MF	100	10 units	41J
	Motion in direction of arrow		5002 IEC	B	3SB2901-2NA	100	10 units	41J
	Customized inscriptions or symbols							
	(see Options)			B	K0Y	1	1 unit	41J
				B	K1Y, K2Y or K3Y	1	1 unit	41J
				B	K5Y	1	1 unit	41J
				B	K9Y	1	1 unit	41J
	Label holders							
	Label holders for inscription labels							
	The label holders must not be used with the 3SB2...-1AC01 EMERGENCY-STOP mushroom pushbutton.							
		B	3SB2902-0AB		100	10 units	41J	

Options

Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data. Append the following order codes to the Article No.:

- Text line(s) in upper/lower case, upper case always 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**
- Symbol with number according to ISO 7000 or IEC 60417: **K3Y**
- Any inscription or symbols according to order form supplement: **K9Y**

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

Two lines of 11 characters are permitted with 4 mm letter height (1 line) or 3 mm (2-line).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see [ordering example](#)).

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

Ordering example












3SB2901-2XZ
K3Y
Z = 1118 ISO

3SB2 Pushbuttons and Indicator Lights, 16 mm

Accessories and Spare Parts

Mounting parts and components

Selection and ordering data

Version	Lamp voltage	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Buttons and lenses¹⁾									
 3SB2910-0AF	Buttons, flat For pushbuttons	Black	B	3SB2910-0AB		100	10 units	41J	
		Red	B	3SB2910-0AC		100	10 units	41J	
		Yellow	B	3SB2910-0AD		100	10 units	41J	
		Green	B	3SB2910-0AE		100	10 units	41J	
		Blue	B	3SB2910-0AF		100	10 units	41J	
		White	B	3SB2910-0AG		100	10 units	41J	
		Clear	B	3SB2910-0AH		100	10 units	41J	
 3SB2910-0CF	Buttons, flat For illuminated pushbuttons	Red	B	3SB2910-0CC		100	10 units	41J	
		Yellow	B	3SB2910-0CD		100	10 units	41J	
		Green	B	3SB2910-0CE		100	10 units	41J	
		Blue	B	3SB2910-0CF		100	10 units	41J	
		White	B	3SB2910-0AG		100	10 units	41J	
		Clear	B	3SB2910-0AH		100	10 units	41J	
 3SB2910-0BD	Buttons, raised For pushbuttons	Black	B	3SB2910-0BB		1	10 units	41J	
		Red	B	3SB2910-0BC		1	10 units	41J	
		Yellow	B	3SB2910-0BD		1	10 units	41J	
		Clear	B	3SB2910-0BH		1	10 units	41J	
 3SB2910-0DD	Buttons, raised For illuminated pushbuttons	Red	B	3SB2910-0DC		1	10 units	41J	
		Yellow	B	3SB2910-0DD		1	10 units	41J	
		Clear	B	3SB2910-0BH		1	10 units	41J	
 3SB2910-1AD	Screw lenses With concentric rings	Red	B	3SB2910-1AC		100	10 units	41J	
		Yellow	B	3SB2910-1AD		100	10 units	41J	
		Green	B	3SB2910-1AE		100	10 units	41J	
		Blue	B	3SB2910-1AF		100	10 units	41J	
		White	B	3SB2910-1AG		100	10 units	41J	
		Clear	B	3SB2910-1AH		100	10 units	41J	
 3SB2910-1BE	Screw lenses Smooth, for inscription with insert cap	Red	B	3SB2910-1BC		100	10 units	41J	
		Yellow	B	3SB2910-1BD		100	10 units	41J	
		Green	B	3SB2910-1BE		100	10 units	41J	
		Blue	B	3SB2910-1BF		100	10 units	41J	
		Clear	B	3SB2910-1BH		100	10 units	41J	
Keys for actuators									
 3SB2908-2AJ	Keys For CES key-operated switch, lock No. SB2		B	3SB2908-2AJ		1	1 unit	41J	
Lamps, wedge bases²⁾									
 3SB2908-1AE	Incandescent lamps Wedge base W2 × 4.6d, 1.0 W	AC/DC	Clear	C	3SB2908-1AA		100	10 units	41J
		6		B	3SB2908-1AB		100	10 units	41J
		12		B	3SB2908-1AC		100	10 units	41J
		24		A	3SB2908-1AD		100	10 units	41J
		30		B	3SB2908-1AE		1	10 units	41J
		48		B	3SB2908-1AF		1	10 units	41J
 3SB39 01-1SB	LED lamps, super-bright Wedge base W2 × 4.6d	24 AC/DC	Red	B	3SB3901-1SB		1	10 units	41J
			Yellow	B	3SB3901-1RB		1	10 units	41J
			Green	B	3SB3901-1TB		1	10 units	41J
			White	B	3SB3901-1UB		1	10 units	41J
			Blue	B	3SB2908-1BD		1	10 units	41J
 3SB2908-1BD		28 AC/DC	Red	B	3SB3901-1SE		1	10 units	41J
			Yellow	B	3SB3901-1RE		1	10 units	41J
			Green	B	3SB3901-1TE		1	10 units	41J
			White	B	3SB3901-1UE		1	10 units	41J
			Blue	C	3SB3901-1VE		1	10 units	41J
 3SB2908-2AB	Lamp extractors For lamps with bases W2 × 4.6d			▶	3SB2908-2AB		1	1 unit	41J










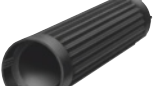

¹⁾ Included in the scope of supply of actuators or indicator lights.

²⁾ Included in the scope of supply of some complete units.

3SB2 Pushbuttons and Indicator Lights, 16 mm

Accessories and Spare Parts

Mounting parts and components

Version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Accessories for command points						
		Single frames for square design ¹⁾		100	10 units	41J
3SB2902-0AA						
		Name plates, yellow, Ø 50 mm As backing plate for EMERGENCY-STOP, self-adhesive		1	1 unit	41J
3SB2908-2AG		<ul style="list-style-type: none"> • Blank • With German inscription "NOT-HALT" • With German inscription "NOT-AUS" 		1	1 unit	41J
	B	Blanking plugs Black plastic (degree of protection IP65)		1	1 unit	41J
3SB2908-3AA						
	B	Protective caps, clear Silicone, for pushbuttons with flat and raised button		1	1 unit	41J
3SB2908-1						
Flat connectors						
	A	Plug-in sleeves For flat connectors 2.8 × 0.8 mm, cross-section 0.5 ... 1.5 mm ²		100	250 units	41J
3SB2908-8AA						
	C	Insulation sleeves For flat connectors, attachable from the front		100	250 units	41J
3SB2908-8AB						
	B	Complete connectors²⁾ For connecting contact blocks and lampholders (up to 10 connections) Ensures finger-safety according to EN 50274 and BGV A3		1	1 unit	41J
3SB2908-8AD						
	B	Plug-in sleeves For flat connectors 2.8 × 0.8 mm, with locating spring for latching in complete connector		100	10 units	41J
3SB2908-8AE						
Tools						
		Dismantling tools For holders and lampholders with holder		1	1 unit	41J
3SB2908-2AA						
		Mounting tools For buttons and screw lenses		1	1 unit	41J
3SB2908-2AC						
		Crimping tools for non-insulated connections, type KRBC 0560 For plug-in sleeves (both versions) Manufacturer: Lapp Kabel, Stuttgart, Germany E-mail: info@lappkabel.de Website: www.lappkabel.de	6179 0950			
6179 0950						

¹⁾ Not suitable for EMERGENCY-STOP mushroom pushbuttons.

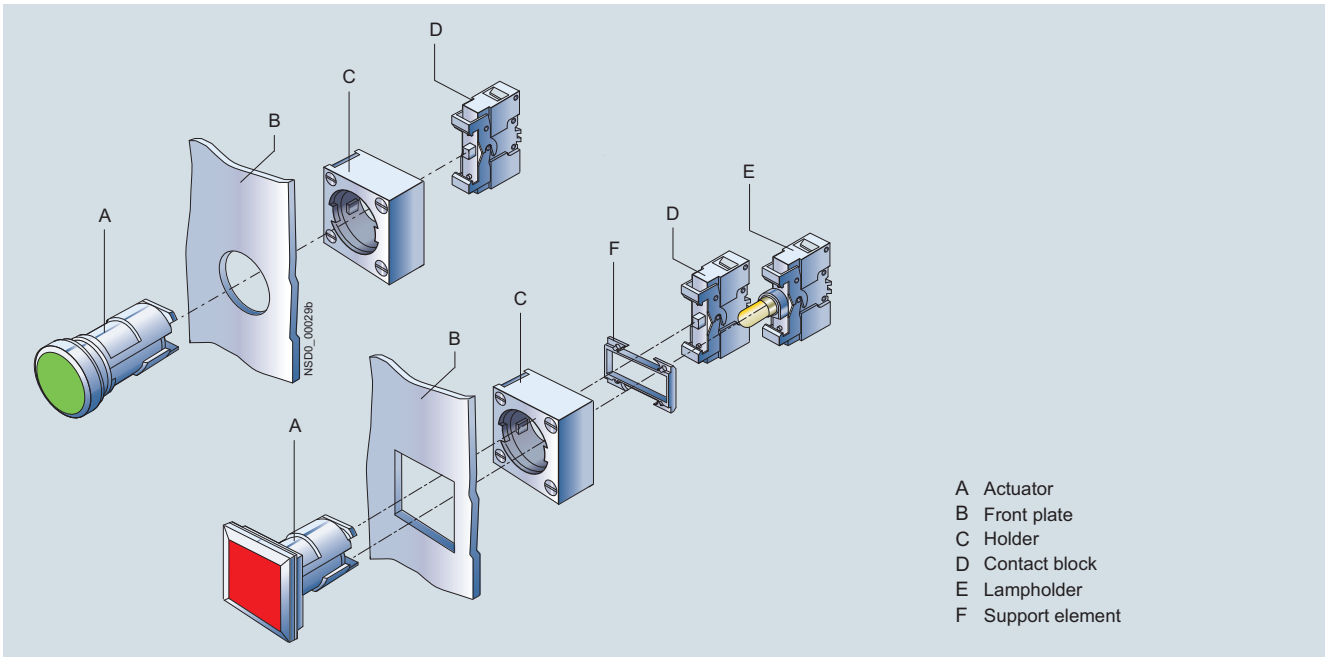
²⁾ Required 3SB2908-8AE plug-in sleeves for flat connectors 2.8 × 0.8 mm are not included in the scope of supply.

3SB3 Pushbuttons and Indicator Lights, 22 mm

General data

Overview

Front plate mounting

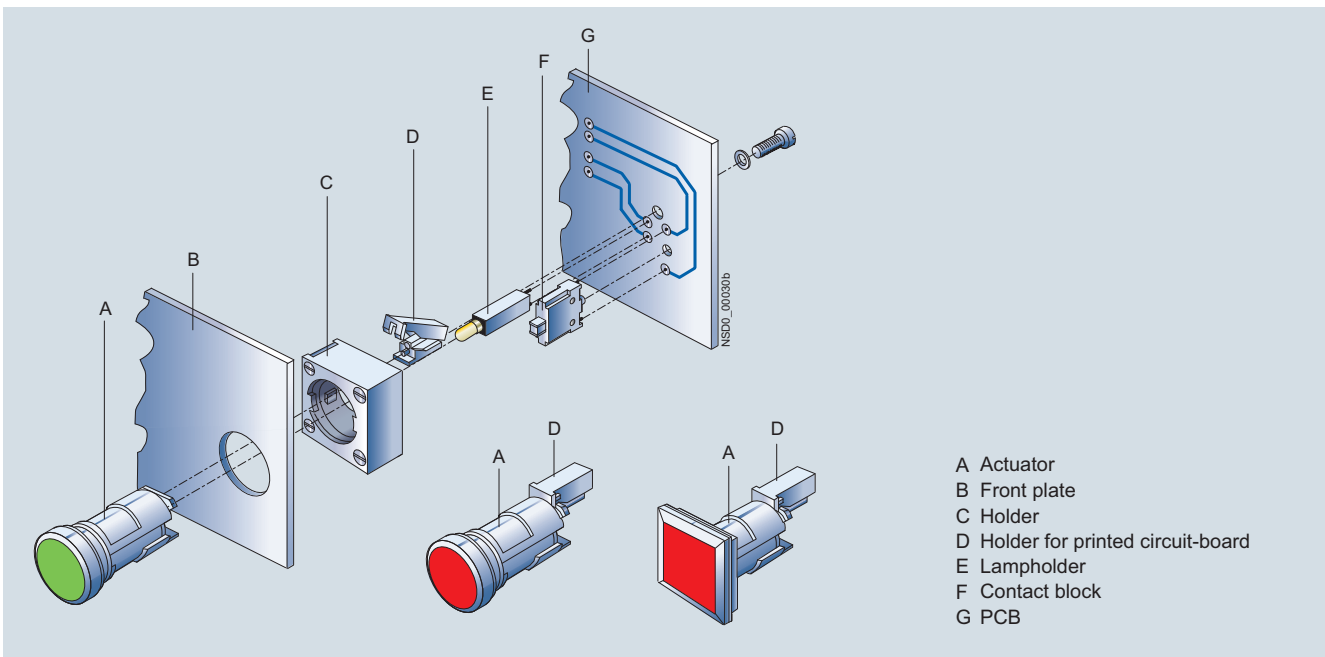


For actuators see pages 13/26 to 13/64.

For contact blocks and lampholders see pages 13/65 to 13/67.

For holders see page 13/68.

Mounting on printed circuit boards



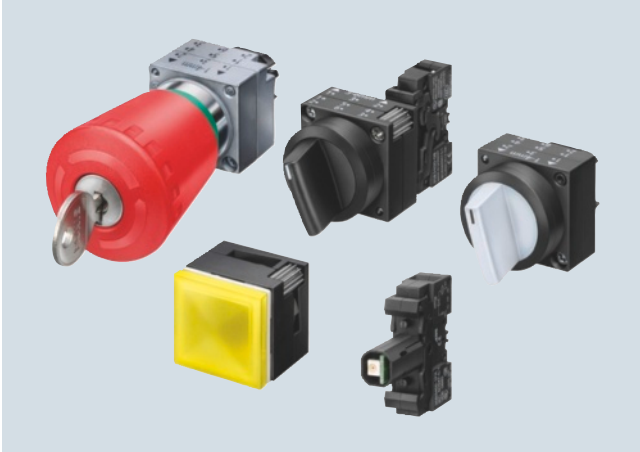
For contact blocks for mounting on printed circuit boards see page 13/68.

3SB3 Pushbuttons and Indicator Lights, 22 mm

General data

Design

The 3SB3 series is a modular range of commanding and signaling devices for front plate mounting and rear conductor connection. As an alternative, individual elements can also be supplied for use on printed circuit boards. Complete units are offered for the most commonly used applications.



Actuators and indicators and complete units

The 3SB3 series is available:

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

The devices are of modern industrial design and can be mounted rapidly by a single person. The operating surfaces of the pushbuttons and illuminated pushbuttons are concave. The lenses of the indicator lights are convex.

The metal version with a high degree of protection according to IP67 and NEMA 4 is available for the world market.

One command point comprises:

- An actuator or lens assembly in front of the control panel
- A holder for mounting behind the control panel
- Up to 3 contact blocks and/or 1 lampholder behind the control panel
- A comprehensive range of accessories for inscription

Mounting of the contact blocks

Two contact blocks can be snapped onto the actuator in the standard version.

When three contact blocks or illuminated actuators are required, an additional holder must be plugged onto the actuator from the rear.

- 3SB3901-0AB holder for 3 contact blocks or for 2 contact blocks and 1 lampholder
- 3SB3901-0AC holder with pressure plates for actuating a central contact block when using a selector switch, key-operated switch and twin pushbutton with 3 contact blocks

For illuminated pushbuttons, illuminated switches and illuminated selector switches the holder is included in the scope of supply as standard.

Contact blocks

The contact blocks are fitted with slow-action contacts (NO contact or NC contact) with double operating contacts. These ensure a high switching reliability even with small voltages and currents, such as 5 V/1 mA. They are suitable for use in electronic systems as well as conventional controls.

Standards

IEC 60947-1, EN 60947-1,
IEC 60947-5-1, EN 60947-5-1,
IEC 60947-5-5, EN 60947-5-5
for EMERGENCY-STOP mushroom pushbuttons

Connection methods

The devices are available with screw terminals (box terminals), spring-type terminals or solder pins.



Screw terminals



Spring-type terminals



Solder pin connections

The terminals are indicated in the corresponding tables by the symbols shown on orange backgrounds.

Support function

The 3SB3 pushbuttons and indicator lights can also be ordered via an online configurator.



Configurator available in the Industry Mall

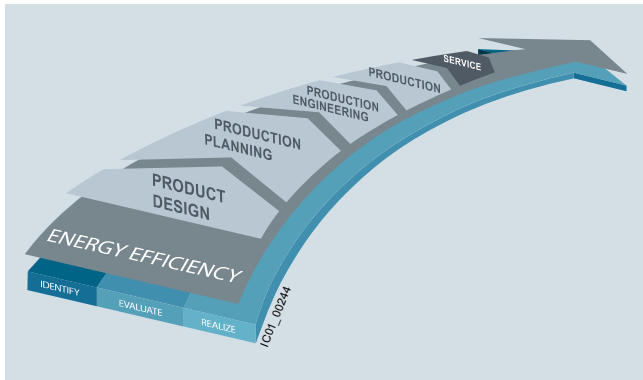
The online configurator is indicated in the corresponding tables by the symbol shown on an orange background.

3SB3 Pushbuttons and Indicator Lights, 22 mm

General data

Benefits

Advantages through energy efficiency



Overview of the energy management process

We offer you a unique portfolio for industrial energy management, using an energy management system that helps to optimally define your energy needs. We split up our industrial energy management into three phases – identify, evaluate, and realize – and we support you with the appropriate hardware and software solutions in every process phase.

The innovative products of the SIRIUS industrial controls portfolio can also make a substantial contribution to a plant's energy efficiency (see www.siemens.com/sirius/energysaving).

3SB3 pushbuttons and indicator lights contribute to energy efficiency throughout the plant as follows:

- Lower power consumption by means of LED technology
- Long service life

Application

Environmental conditions

The devices are climate-proof (KTW 24) and suitable for standard industrial applications and operation in marine applications. For operation in oily atmospheres (organic oils/lubricants) we recommend actuators which are marked as "solvent-resistant".

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:

- ASIsafe EMERGENCY-STOP mushroom pushbuttons (see page 13/69)
- AS-Interface enclosures with 1 to 6 command points (see page 13/98)
- AS-Interface front panel modules for 4 command points (see Catalog IK PI, "SIMATIC NET Industrial Communication")


"Intrinsic safety" type of protection EEx i according to ATEX directive 94/9/EC

The pushbuttons and indicator lights in round design can also be used in hazardous areas. The 3SB34...-0. contact blocks and the 3SB34...-1A lampholders (with 3SB3901-1.A LED lamp) with screw terminals or spring-type terminals can be used.

Safety EMERGENCY-STOP pushbuttons according to ISO 13850




For controls according to IEC 60204-1 or EN 60204-1, the mushroom pushbuttons of the 3SB3 series are suitable for use as safety EMERGENCY-STOP pushbuttons.

Safety circuits

The IEC 60947-5-1 and EN 60947-5-1 standards require positive opening, i.e. 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 ISO 13849-1 can be attained with the EMERGENCY-STOP mushroom pushbuttons if the corresponding fail-safe evaluation units are selected and correctly installed, e.g. the 3SK11 safety relays, the 3RK3 Modular Safety System (see Chapter 11, "Safety Technology") or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

Technical specifications

Type	3SB3400-0, 3SB3420-0	3SB1400-0J	3SB3400-1, 3SB3420-1	3SB3403-0, 3SB3423-0	3SB3403-1, 3SB3423-1	3SB3411-0	3SB3411-1
Contact blocks and lampholders							
Standards	IEC 60947-5-1, IEC 60947-5-5, EN 60947-5-1, EN 60947-5-5						
Connection type	 Screw terminals			 Spring-type terminals		 Solder pins	
Rated insulation voltage U_i For pollution degree according to IEC 60947-1	V	400 Class 3	250 Class 3	400 Class 3		250 Class 3	60 Class 3
Rated impulse withstand voltage U_{imp}	kV	4	4	4	4	4	1.5
Conventional thermal current I_{th}	A	10	--	10	--	10	--
Rated operational current I_e at rated operational voltage U_e							
• Alternating current 50/60 Hz, AC-12							
- At $U_e = 24 \dots 230$ V	A	10	--	10	--	10	--
- At $U_e = 400$ V	A	10	--	10	--	--	--
• Alternating current 50/60 Hz, AC-15							
- At $U_e = 24 \dots 230$ V	A	6	6	--	6	--	4
- At $U_e = 400$ V	A	3	4	--	3	--	--
• Direct current DC-12							
- At $U_e = 24$ V	A	10	10	--	10	--	10
- At $U_e = 48$ V	A	5	--	--	5	--	5
- At $U_e = 110$ V	A	2.5	2	--	2.5	--	2.5
- At $U_e = 230$ V	A	1	0.5	--	1	--	1
• Direct current DC-13							
- At $U_e = 24$ V	A	3	5	--	3	--	3
- At $U_e = 48$ V	A	1.5	--	--	1.5	--	1.5
- At $U_e = 110$ V	A	0.7	0.5	--	0.7	--	0.7
- At $U_e = 230$ V	A	0.3	0.2	--	0.3	--	0.3
Contact stability							
• Test voltage	V	5	--	5	--	5	--
• Test current	mA	1	--	1	--	1	--
Lampholders	--	--	BA 9s	--	BA 9s	--	Wedge bases
Lamps	--	--	Incandescent lamps, glow lamps and LED lamps	--	Incandescent lamps, glow lamps and LED lamps	--	Incandescent lamps and LED lamps
Short-circuit protection, weld-free, acc. to IEC 60947-5-1							
• DIAZED fuse links, utilization category gG according to IEC 60269-3-1		Dz10 A					
• DIAZED fuse links, quick according to DIN VDE 0635		Dz 16 A					
• Miniature circuit breaker with C characteristic according to IEC 60898	A	10					
Mechanical endurance		10 x 10 ⁶ operating cycles					
Electrical endurance		10 x 10 ⁶ operating cycles					
• For utilization category AC-15 with 3RT2015 to 3RT2026 contactors		10 x 10 ⁶ operating cycles					
• With utilization category DC-12, DC-13		With direct current it depends on the operational voltage, the breaking current, the circuit inductance and the switching frequency					
Switching frequency	1/h	1 000 operating cycles					
Degree of protection acc. to IEC 60529							
• Connections		IP20		IP40	--	IP40	--
• Contact chambers		IP40	--	--	--	--	--
Touch protection according to EN 50274 and BGV A3		Finger-safe		Finger-safe		--	
Conductor cross-sections¹⁾							
• Finely stranded, without end sleeves	mm ²	--		2 x (0.25 ... 1.5)		--	
• Finely stranded, with end sleeves to DIN 46228	mm ²	2 x (0.5 ... 1.5)		2 x (0.25 ... 0.75)		--	
• Solid	mm ²	2 x (1 ... 1.5)		2 x (0.25 ... 1.5)		--	
• Solid with end sleeves to DIN 46228	mm ²	2 x (0.5 ... 0.75)		--		--	
• AWG cables, solid or stranded		2 x AWG 18 ... 14		2 x AWG 24 ... 16		--	
Tightening torque, terminal screw	Nm	0.8		--		--	
Solder pins	mm ²	--		--		0.8 x 0.8	

1) For standard screwdriver size 2 or Pozidriv 2.

3SB3 Pushbuttons and Indicator Lights, 22 mm

General data

Type	3SB3400-0, 3SB3420-0	3SB3400-1, 3SB3420-1	3SB3403-0, 3SB3423-0	3SB3403-1, 3SB3423-1	3SB3411-0	3SB3411-1
Data according to UL and CSA						
Rated operational voltage	V AC 300	--	300	--	300	--
Conventional thermal current (uninterrupted current)	A 10	--	10	--	10	--
Switching capacity	A 300, R 300, A 600 same polarity					
Rated voltage (lamps)						
• Lamp with BA 9s base	V AC --	125	--	125	--	--
• Lamp with wedge base	V AC --	60	--	60	--	60
• Lampholders with integrated LED	V --	24 AC/DC, 110 AC, 230 AC	--	24 AC/DC, 110 AC, 230 AC	--	--
Rated power (lamps)	W --	2.5	--	2.5	--	1

Type	3SB30, 3SB32	3SB31, 3SB33	3SB35, 3SB36
Actuators and indicators			
Enclosure material	Plastic		Metal
Design	Round	Square	Round
Terminal designation acc. to EN 50013	Identification number on the holder, function digit on the contact block		
Device identification	Snap-on label		
Tightening torques			
• Screw on holder	Nm	Max. 1	
Mechanical endurance			
• Pushbuttons	10 x 10 ⁶ operating cycles		
• Illuminated pushbuttons	3 x 10 ⁶ operating cycles		
• Actuators, rotary or latching	3 x 10 ⁵ operating cycles		
• Key-operated switch with key monitoring	1 x 10 ⁵ operating cycles		
Switching frequency	1/h	1 000 operating cycles	
Climatic withstand capability acc. to EN ISO 6270-2	Climate-proof KTW24; suitable for marine applications		
Ambient temperature			
• During operation, non-illuminated and with LED	°C	-25 ... +70	
• During operation, devices with incandescent lamp	°C	-25 ... +60	
• During storage, transport	°C	-40 ... +80	
Degree of protection acc. to IEC 60529			
• Actuators and indicators, standard	IP66	IP65	IP67 and NEMA Type 4
- with protective caps	IP67	IP67	--
• Key-operated switch with key monitoring	IP54	--	--
• Twin pushbuttons (3SB31)	IP65	--	--
Protective measures	When mounted on metal front plates and enclosures, the actuators and lens assemblies are not to be included in the protective measures.		Grounding with grounding screw is necessary for operation with protective extra-low voltage (PELV).
	When mounted in insulated enclosures, the "total insulation" protective measures are met.		
Shock resistance according to IEC 60068-2-27 For half-sine shock type, 11 ms shock duration			
• Devices without incandescent lamp	≤ 50 g		
• Devices with incandescent lamp	≤ 30 g		
Vibration resistance acc. to IEC 60068-2-6			
• Acceleration at frequency 20 ... 200 Hz	5 g		

Type	3SB38 0.-0, 3SB380.-1	--	3SB380.-2, 3SB380.-3
Enclosures			
Enclosure material	Plastic		Metal
Actuators and indicators	Plastic, round		Metal, round
Degree of protection acc. to IEC 60529	IP65		IP67 and NEMA Type 4
Resistance to extreme climates acc. to DIN 50017	KTW 24		KTW 24

3SB3 Pushbuttons and Indicator Lights, 22 mm

General data

Configuration

Mounting and fixing

The 3SB3 devices can be easily and quickly mounted:

- Actuators or indicator lights are positioned in the opening of the front plate from the front
- Position the holder from the rear
- Tighten the screw on the holder
- Snap on the contact block or the lampholder directly onto the actuator from the back

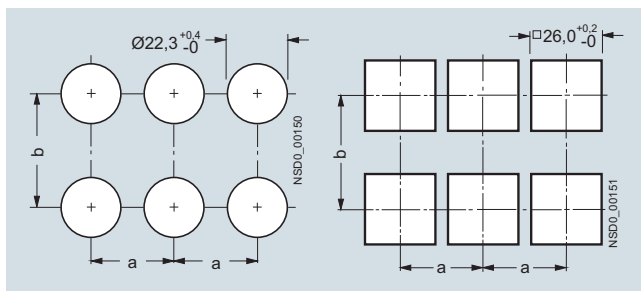
The holder for the round versions is set to a switchboard thickness of 1 to 4 mm when delivered and is placed in the direction of the arrow \uparrow 1–4 \uparrow mm on the actuator/indicator from the back. The fixing screw is located underneath, on the right.

For a switchboard thickness of 3 to 6 mm, the holder is reversed and mounted in the direction of the arrow at \uparrow 3–6 mm \uparrow and the fixing screw is located on the upper right. In this case, the fixing screw must be rotated anticlockwise to its limit before mounting the holder.

The control panel depth of 1 to 4 mm can be compensated with the holder for the square version.

When label holders, protective caps or similar accessories are used, the greatest permissible control panel thickness must be reduced by the wall thickness of the accessory part.

Mounting dimensions on front plates

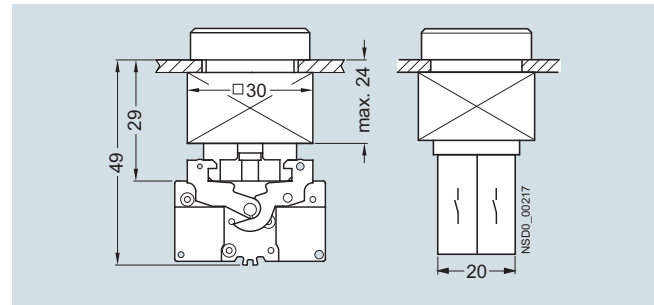


Minimum clearance	a	b
Contact blocks (1 contact) and lampholder		
• For front plate mounting, with screw terminals	30 ¹⁾	45
• For front plate mounting with spring-type terminals	30 ¹⁾	30 ¹⁾
• For use on PCB, with solder pin connections	30 ¹⁾	30 ¹⁾
Contact blocks with 2 contacts		
• For front plate mounting	30 ¹⁾	50
When using holders for inscription labels		
• 12.5 mm x 27 mm	30 ¹⁾	45 ²⁾
• 27.0 mm x 27 mm	30 ¹⁾	60

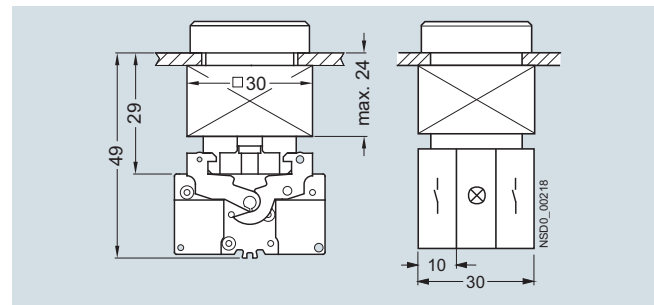
¹⁾ For mushroom pushbutton, EMERGENCY-STOP and push-pull button:
Note mushroom diameter $d = 40$ mm or 60 mm.

²⁾ 60 mm with contact blocks having two contacts.

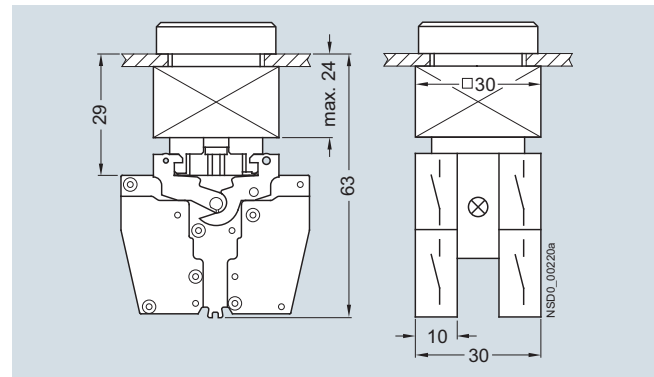
Mounting depth



Pushbuttons with two contact blocks

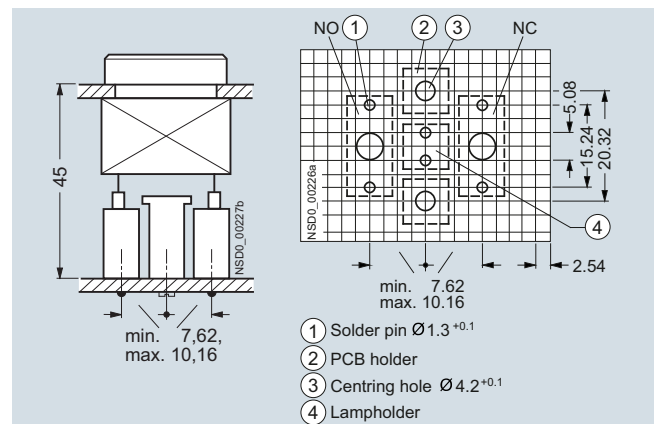


Illuminated pushbuttons with lampholder and two contact blocks



Illuminated pushbuttons with lampholder and two contact blocks with two contacts

Mounting on printed circuit boards



Illuminated pushbutton with solder pins

- 1 Solder pin $\varnothing 1.3^{+0.1}$
- 2 PCB holder
- 3 Centring hole $\varnothing 4.2^{+0.1}$
- 4 Lampholder

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Complete units

Selection and ordering data

The following applies to all complete units:

PU (UNIT) = 1
 PS* = 1 unit
 PG = 41J

Rated voltage of lamp	Color of handle	Contacts for front plate mounting ¹⁾	DT	Screw terminals		Spring-type terminals	
				Configurator	Price per PU	Configurator	Price per PU
V				Article No.	Price per PU	Article No.	Price per PU

Pushbuttons

Pushbuttons with flat button



Pushbutton with flat button

--	Black	1 NO	▶	3SB3202-0AA11	B	3SB3202-0AA11-0CC0	
	Black	1 NC	B	3SB3203-0AA11	B	3SB3203-0AA11-0CC0	
	Red	1 NC	▶	3SB3203-0AA21	B	3SB3203-0AA21-0CC0	
	Yellow	1 NO	B	3SB3202-0AA31	B	3SB3202-0AA31-0CC0	
	Green	1 NO	▶	3SB3202-0AA41	B	3SB3202-0AA41-0CC0	
	Blue	1 NO	B	3SB3202-0AA51	B	3SB3202-0AA51-0CC0	
	White	1 NO	▶	3SB3202-0AA61	B	3SB3202-0AA61-0CC0	
	Black	1 NO + 1 NC	B	3SB3201-0AA11	B	3SB3201-0AA11-0CC0	
	Red	1 NO + 1 NC	B	3SB3201-0AA21	B	3SB3201-0AA21-0CC0	
	Yellow	1 NO + 1 NC	B	3SB3201-0AA31	B	3SB3201-0AA31-0CC0	
	Green	1 NO + 1 NC	B	3SB3201-0AA41	B	3SB3201-0AA41-0CC0	
	Blue	1 NO + 1 NC	B	3SB3201-0AA51	B	3SB3201-0AA51-0CC0	
	White	1 NO + 1 NC	B	3SB3201-0AA61	B	3SB3201-0AA61-0CC0	

Pushbuttons with raised button



	Black	1 NO	B	3SB3202-0BA11		--	
	Black	1 NC	C	3SB3203-0BA11		--	
	Red	1 NC	B	3SB3203-0BA21		--	
	Yellow	1 NO	B	3SB3202-0BA31		--	
	Blue	1 NO	B	3SB3202-0BA51		--	
	White	1 NO	C	3SB3202-0BA61		--	
	Black	1 NO + 1 NC	B	3SB3201-0BA11		--	
	Red	1 NO + 1 NC	B	3SB3201-0BA21		--	
	Yellow	1 NO + 1 NC	C	3SB3201-0BA31		--	
	Blue	1 NO + 1 NC	C	3SB3201-0BA51		--	
	White	1 NO + 1 NC	C	3SB3201-0BA61		--	

Illuminated pushbuttons with flat button

With integrated LED
 (incl. holder for 3 elements)



Illuminated pushbutton with flat button

24 AC/DC	Red ²⁾	1 NC	▶	3SB3246-0AA21	B	3SB3246-0AA21-0CC0	
	Yellow ²⁾	1 NO	B	3SB3245-0AA31	B	3SB3245-0AA31-0CC0	
	Green ²⁾	1 NO	▶	3SB3245-0AA41	B	3SB3245-0AA41-0CC0	
	Blue ²⁾	1 NO	B	3SB3245-0AA51	B	3SB3245-0AA51-0CC0	
	White	1 NO	B	3SB3245-0AA61	B	3SB3245-0AA61-0CC0	
	Clear ²⁾	1 NO	▶	3SB3245-0AA71	B	3SB3245-0AA71-0CC0	
24 AC/DC	Red ²⁾	1 NO + 1 NC	B	3SB3247-0AA21	B	3SB3247-0AA21-0CC0	
	Yellow ²⁾	1 NO + 1 NC	B	3SB3247-0AA31	B	3SB3247-0AA31-0CC0	
	Green ²⁾	1 NO + 1 NC	B	3SB3247-0AA41	B	3SB3247-0AA41-0CC0	
	Blue ²⁾	1 NO + 1 NC	B	3SB3247-0AA51	B	3SB3247-0AA51-0CC0	
	White	1 NO + 1 NC	B	3SB3247-0AA61	B	3SB3247-0AA61-0CC0	
	Clear ²⁾	1 NO + 1 NC	B	3SB3247-0AA71	B	3SB3247-0AA71-0CC0	
110 AC	Red ²⁾	1 NC	B	3SB3250-0AA21		--	
	Yellow ²⁾	1 NO	B	3SB3257-0AA31		--	
	Green ²⁾	1 NO	B	3SB3257-0AA41		--	
	Blue ²⁾	1 NO	B	3SB3257-0AA51		--	
	White	1 NO	B	3SB3257-0AA61		--	
	Clear ²⁾	1 NO	B	3SB3257-0AA71		--	
110 AC	Red ²⁾	1 NO + 1 NC	B	3SB3251-0AA21		--	
	Yellow ²⁾	1 NO + 1 NC	B	3SB3251-0AA31		--	
	Green ²⁾	1 NO + 1 NC	B	3SB3251-0AA41		--	
	Blue ²⁾	1 NO + 1 NC	C	3SB3251-0AA51		--	
	White	1 NO + 1 NC	B	3SB3251-0AA61		--	
	Clear ²⁾	1 NO + 1 NC	B	3SB3251-0AA71		--	

For online configurator see www.siemens.com/sirius/configurators

¹⁾ The inscription 1 NO + 1 NC means that a contact block with two contacts is used (3SB3400-0A or 3SB3403-0A).





²⁾ Inscription is possible by inserting a label.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Complete units

PU (UNIT) = 1
 PS* = 1 unit
 PG = 41J

Rated voltage of lamp	Color of handle	Contacts for front plate mounting ¹⁾	DT	Screw terminals 	DT	Spring-type terminals 	
				Configurator 		Configurator 	
				Article No.	Price per PU	Article No.	Price per PU

Pushbuttons



Illuminated pushbutton with flat button

Illuminated pushbuttons with flat button

With integrated LED
 (incl. holder for 3 elements)

230 AC	Red ²⁾	1 NC	▶	3SB3254-0AA21	B	3SB3254-0AA21-0CC0
	Yellow ²⁾	1 NO	B	3SB3253-0AA31	B	3SB3253-0AA31-0CC0
	Green ²⁾	1 NO	▶	3SB3253-0AA41	B	3SB3253-0AA41-0CC0
	Blue ²⁾	1 NO	B	3SB3253-0AA51	B	3SB3253-0AA51-0CC0
	White	1 NO	B	3SB3253-0AA61	B	3SB3253-0AA61-0CC0
	Clear ²⁾	1 NO	▶	3SB3253-0AA71	B	3SB3253-0AA71-0CC0
230 AC	Red ²⁾	1 NO + 1 NC	B	3SB3255-0AA21	B	3SB3255-0AA21-0CC0
	Yellow ²⁾	1 NO + 1 NC	B	3SB3255-0AA31	B	3SB3255-0AA31-0CC0
	Green ²⁾	1 NO + 1 NC	B	3SB3255-0AA41	B	3SB3255-0AA41-0CC0
	Blue ²⁾	1 NO + 1 NC	B	3SB3255-0AA51	B	3SB3255-0AA51-0CC0
	White	1 NO + 1 NC	B	3SB3255-0AA61	B	3SB3255-0AA61-0CC0
	Clear ²⁾	1 NO + 1 NC	B	3SB3255-0AA71	B	3SB3255-0AA71-0CC0



Illuminated pushbutton with flat button

Illuminated pushbuttons with flat button

With BA 9s lampholder, without lamp
 (incl. holder for 3 elements)

--	Red ²⁾	1 NC	B	3SB3207-0AA21	B	3SB3207-0AA21-0CC0
	Yellow ²⁾	1 NO	B	3SB3206-0AA31	B	3SB3206-0AA31-0CC0
	Green ²⁾	1 NO	B	3SB3206-0AA41	B	3SB3206-0AA41-0CC0
	Blue ²⁾	1 NO	B	3SB3206-0AA51	B	3SB3206-0AA51-0CC0
	White	1 NO	B	3SB3206-0AA61	B	3SB3206-0AA61-0CC0
	Clear ²⁾	1 NO	B	3SB3206-0AA71	B	3SB3206-0AA71-0CC0
--	Red ²⁾	1 NO + 1 NC	B	3SB3205-0AA21	B	3SB3205-0AA21-0CC0
	Yellow ²⁾	1 NO + 1 NC	B	3SB3205-0AA31	B	3SB3205-0AA31-0CC0
	Green ²⁾	1 NO + 1 NC	B	3SB3205-0AA41	B	3SB3205-0AA41-0CC0
	Blue ²⁾	1 NO + 1 NC	B	3SB3205-0AA51	B	3SB3205-0AA51-0CC0
	White	1 NO + 1 NC	B	3SB3205-0AA61	B	3SB3205-0AA61-0CC0
	Clear ²⁾	1 NO + 1 NC	B	3SB3205-0AA71	B	3SB3205-0AA71-0CC0

Push-pull buttons



Mushroom push-pull button

Mushroom push-pull buttons, Ø 40 mm, latching, with pull-to-unlatch mechanism

--	Red	1 NC	▶	3SB3203-1CA21	B	3SB3203-1CA21-0CC0
		1 NO + 1 NC	B	3SB3201-1CA21	B	3SB3201-1CA21-0CC0

 For online configurator see www.siemens.com/sirius/configurators

¹⁾ The inscription 1 NO + 1 NC means that a contact block with two contacts is used (3SB3400-0A or 3SB3403-0A).





²⁾ Inscription is possible by inserting a label.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Complete units

PU (UNIT) = 1
 PS* = 1 unit
 PG = 41J

Version	Color of handle/ Lock No.	Contacts for front plate mounting ¹⁾	DT	Screw terminals 	DT	Spring-type terminals 
				Configurator 		Configurator 
				Article No. Price per PU		Article No. Price per PU

Selector switches



Selector switches

Selector switches, 2 switch positions

Switching sequence O-I, 50° operating angle

Latching	Black	1 NO	▶	3SB3202-2KA11	B	3SB3202-2KA11-0CC0
		1 NO + 1 NC	B	3SB3201-2KA11	B	3SB3201-2KA11-0CC0



Selector switches, 2 switch positions

Switching sequence O-I, 90° operating angle

Latching	Black	1 NO	B	3SB3202-2HA11	--	
		1 NO + 1 NC	B	3SB3201-2HA11	--	



Selector switches, 3 switch positions

Switching sequence I-O-II, 2 x 50° operating angle

Latching	Black	1 NO, 1 NO	▶	3SB3210-2DA11	B	3SB3210-2DA11-0CC0
		1 NO + 1 NC, 1 NO + 1 NC	B	3SB3208-2DA11	B	3SB3208-2DA11-0CC0



Momentary contact type

	Black	1 NO, 1 NO	B	3SB3210-2EA11	B	3SB3210-2EA11-0CC0
		1 NO + 1 NC, 1 NO + 1 NC	B	3SB3208-2EA11	C	3SB3208-2EA11-0CC0



Key-operated switches



RONIS key-operated switch

RONIS key-operated switches, 2 switch positions

With 2 keys, removal position O + I, switching sequence O-I, 50° operating angle

Latching	SB 30	1 NO	▶	3SB3202-4AD11	B	3SB3202-4AD11-0CC0
		1 NO + 1 NC	B	3SB3201-4AD11	B	3SB3201-4AD11-0CC0



Twin pushbuttons



Twin pushbutton with flat buttons

Twin pushbuttons,

With flat, square buttons²⁾

With I/O inscription	White/White	1 NO + 1 NC, 1 NO + 1 NC	D	3SB3100-8AC61	--	
----------------------	-------------	-----------------------------	---	----------------------	----	--

 For online configurator see www.siemens.com/sirius/configurators

¹⁾ The inscription 1 NO + 1 NC means that a contact block with two contacts is used (3SB3400-0A or 3SB3403-0A).





²⁾ Mounting the twin pushbuttons in 3SB38 enclosure is not possible. For accessories see page 13/43.

3SB3 Pushbuttons and Indicator Lights, 22 mm

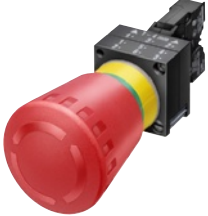



















Actuators and Indicators, Plastic, Round, 22 mm

Complete units


PU (UNIT) = 1
PS* = 1 unit
PG = 41J

Color of handle	Contacts for front plate mounting ¹⁾	DT	Screw terminals 	DT	Spring-type terminals 
			Configurator 		Configurator 
			Article No. Price per PU		Article No. Price per PU

EMERGENCY-STOP control devices according to ISO 13850 and IEC 60947-5-5, with holder and yellow name plate, Ø 80 mm, with inscription

 <p>With rotate-to-unlatch mechanism</p>	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching function, With rotate-to-unlatch mechanism					
	• German inscription "NOT-HALT"					
	Red	1 NC		3SB3203-1HA20	B	3SB3203-1HA20-0CC0
		1 NC with installation monitoring		3SB3266-1HA20		--
	Red	1 NO + 1 NC		3SB3201-1HA20	B	3SB3201-1HA20-0CC0
	• English inscription "EMERGENCY STOP"					
	Red	1 NC		3SB3203-1HR20		--
		1 NC with installation monitoring		3SB3266-1HR20		--
	Red	1 NO + 1 NC		3SB3201-1HR20		--
	• French inscription "ARRET D'URGENCE"					
Red	1 NC		3SB3203-1HP20		--	
Red	1 NO + 1 NC		3SB3201-1HP20		--	
 <p>With rotate-to-unlatch mechanism and switch position indication</p>	With rotate-to-unlatch mechanism and mechanical switch position indication					
	• German inscription "NOT-HALT"					
	Red	1 NC		3SB3203-1HA26	B	3SB3203-1HA26-0CC0
		1 NC with installation monitoring		3SB3266-1HA26		--
	Red	1 NO + 1 NC		3SB3201-1HA26	B	3SB3201-1HA26-0CC0
	• English inscription "EMERGENCY STOP"					
	Red	1 NC		3SB3203-1HR26		--
		1 NC with installation monitoring		3SB3266-1HR26		--
	Red	1 NO + 1 NC		3SB3201-1HR26		--
	With pull-to-unlatch mechanism					
• German inscription "NOT-HALT"						
Red	1 NC		3SB3203-1TA20		--	
Red	1 NO + 1 NC		3SB3201-1TA20		--	
• English inscription "EMERGENCY STOP"						
Red	1 NC		3SB3203-1TR20		--	
Red	1 NO + 1 NC		3SB3201-1TR20		--	

 For online configurator see www.siemens.com/sirius/configurators

 Positive opening according to IEC 60947-5-1, Appendix K. Can be used with 3SK11 safety relays or the 3RK3 Modular Safety System; see Chapter 11, "Safety Technology". Certificate:



¹⁾ The inscription 1 NO + 1 NC means that a contact block with two contacts is used (3SB3400-0A or 3SB3403-0A).

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Complete units

PU (UNIT) = 1
 PS* = 1 unit
 PG = 41J

Rated voltage of lamp	Color of lens	DT	Screw terminals	DT	Spring-type terminals
			Configurator		Configurator
V			Article No.	Price per PU	Article No.
					Price per PU

Indicator lights



Indicator light with smooth lens

Indicator lights with smooth lens ¹⁾					
With integrated LED					
24 AC/DC	Red	▶	3SB3244-6AA20	B	3SB3244-6AA20-0CC0
	Yellow	B	3SB3244-6AA30	B	3SB3244-6AA30-0CC0
	Green	▶	3SB3244-6AA40	B	3SB3244-6AA40-0CC0
	Blue	B	3SB3244-6AA50	B	3SB3244-6AA50-0CC0
	White	B	3SB3244-6AA60	B	3SB3244-6AA60-0CC0
	Clear	▶	3SB3244-6AA70	B	3SB3244-6AA70-0CC0
110 AC	Red	B	3SB3248-6AA20		--
	Yellow	B	3SB3248-6AA30		--
	Green	B	3SB3248-6AA40		--
	Blue	B	3SB3248-6AA50		--
	White	B	3SB3248-6AA60		--
	Clear	B	3SB3248-6AA70		--
230 AC	Red	▶	3SB3252-6AA20	B	3SB3252-6AA20-0CC0
	Yellow	B	3SB3252-6AA30	B	3SB3252-6AA30-0CC0
	Green	▶	3SB3252-6AA40	B	3SB3252-6AA40-0CC0
	Blue	B	3SB3252-6AA50	B	3SB3252-6AA50-0CC0
	White	B	3SB3252-6AA60	B	3SB3252-6AA60-0CC0
	Clear	▶	3SB3252-6AA70	B	3SB3252-6AA70-0CC0
With BA 9s lampholder, without lamp					
--	Red	B	3SB3204-6AA20	B	3SB3204-6AA20-0CC0
	Yellow	B	3SB3204-6AA30	B	3SB3204-6AA30-0CC0
	Green	B	3SB3204-6AA40	B	3SB3204-6AA40-0CC0
	Blue	B	3SB3204-6AA50	B	3SB3204-6AA50-0CC0
	White	B	3SB3204-6AA60	B	3SB3204-6AA60-0CC0
	Clear	B	3SB3204-6AA70	B	3SB3204-6AA70-0CC0



Indicator lights with lens with concentric rings

Indicator lights with lens with concentric rings ¹⁾					
With integrated LED					
24 AC/DC	Red	▶	3SB3244-6BA20	B	3SB3244-6BA20-0CC0
	Yellow	B	3SB3244-6BA30	B	3SB3244-6BA30-0CC0
	Green	▶	3SB3244-6BA40	B	3SB3244-6BA40-0CC0
	Blue	B	3SB3244-6BA50	B	3SB3244-6BA50-0CC0
	White	B	3SB3244-6BA60	B	3SB3244-6BA60-0CC0
	Clear	▶	3SB3244-6BA70	B	3SB3244-6BA70-0CC0
110 AC	Red	B	3SB3248-6BA20		--
	Yellow	B	3SB3248-6BA30		--
	Green	B	3SB3248-6BA40		--
	Blue	B	3SB3248-6BA50		--
	White	B	3SB3248-6BA60		--
	Clear	B	3SB3248-6BA70		--
230 AC	Red	▶	3SB3252-6BA20	B	3SB3252-6BA20-0CC0
	Yellow	B	3SB3252-6BA30	B	3SB3252-6BA30-0CC0
	Green	▶	3SB3252-6BA40	B	3SB3252-6BA40-0CC0
	Blue	B	3SB3252-6BA50	B	3SB3252-6BA50-0CC0
	White	B	3SB3252-6BA60	B	3SB3252-6BA60-0CC0
	Clear	▶	3SB3252-6BA70	B	3SB3252-6BA70-0CC0
With BA 9s lampholder, without lamp					
--	Amber	B	3SB3204-6BA00		--
	Red	B	3SB3204-6BA20	B	3SB3204-6BA20-0CC0
	Yellow	B	3SB3204-6BA30	B	3SB3204-6BA30-0CC0
	Green	B	3SB3204-6BA40	B	3SB3204-6BA40-0CC0
	Blue	B	3SB3204-6BA50	B	3SB3204-6BA50-0CC0
	White	B	3SB3204-6BA60	B	3SB3204-6BA60-0CC0
	Clear	B	3SB3204-6BA70	B	3SB3204-6BA70-0CC0
With BA 9s lampholder, with LED					
130 AC	Amber	B	3SB3240-6BA00		--
	Red	B	3SB3240-6BA20		--
	Yellow	B	3SB3240-6BA30		--
	Green	B	3SB3240-6BA40		--
	Blue	B	3SB3240-6BA50		--
	White	B	3SB3240-6BA60		--
	Clear	B	3SB3240-6BA70		--

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Inscription by inserting a label is not possible.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Complete units

Version	Rated voltage of lamp	Color of lens	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG
				Configurator			
				Article No.	Price per PU		

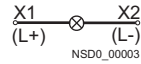
Signaling devices



Acoustic signaling device

Acoustic signaling devices, IP65¹⁾

Continuous tone 2.4 kHz, 24 AC/DC Black B
operational current min. 4 mA, 115 AC/DC B
sound pressure 230 AC/DC B
min. 80 dB/10 cm



3SB3233-7BA10	1	1 unit	41J
3SB3234-7BA10	1	1 unit	41J
3SB3235-7BA10	1	1 unit	41J

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Mounting in 3SB38 enclosures only with the 3SB3400-1A lampholder for front plate mounting, which is included.

Version	Degree of protection	Color of handle	DT	Without connection	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		

Special devices

Actuators for potentiometers¹⁾²⁾

30 ... 32 mm long
With shaft Ø 6 mm
With shaft Ø 6.3 mm (1/4 Inch)



Actuator for potentiometers

3SB1000-7CH07	1	1 unit	41J
3SB1000-7CJ07	1	1 unit	41J

Pushbuttons with extended stroke¹⁾

For actuating relays (possible to connect the 3SX1335 extension plunger)

12 mm stroke

IP65 Black B

3SB3000-0EA11	1	1 unit	41J
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Pushbuttons with 12 mm stroke

¹⁾ Mounting in 3SB38 enclosure is not possible.

²⁾ The potentiometer is not included in the scope of supply.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Coordinate switches, complete

Overview



Coordinate switch with contact blocks

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

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

Operation

The 3SB1400-0J contact block is used, which due to its depth cannot be built into 3SB38 enclosures.

Switches are available as follows:

- With 2 or 4 switch 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, plastic label holder and two or four adhesive, silver-colored inscription labels of 27 mm x 27 mm in size is available for labeling purposes. These labels can be supplied with and without customized inscription.

Note mounting dimensions!

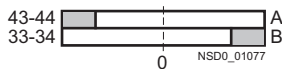
Selection and ordering data

Version	Operating travel	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG
	<input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open					
			Article No.	Price per PU		

Coordinate switches

2 switch positions, 1 NO per direction

Horizontal, momentary contact type



Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

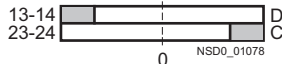
C	3SB1201-7DV01	1	1 unit	41J
C	3SB1201-7DV20	1	1 unit	41J

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C	3SB1201-7DW01	1	1 unit	41J
C	3SB1201-7DW20	1	1 unit	41J

Vertical, momentary contact type



Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C	3SB1201-7FV01	1	1 unit	41J
C	3SB1201-7FV20	1	1 unit	41J

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C	3SB1201-7FW01	1	1 unit	41J
C	3SB1201-7FW20	1	1 unit	41J



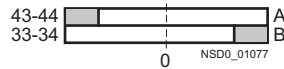
Coordinate switch, 2 switch positions

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Coordinate switches, complete

Version	Operating travel	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG
	<input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open					
			Article No.	Price per PU		

Coordinate switches
2 switch positions, 1 NO per direction
Horizontal, latching

Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C

3SB1201-7EV01

1

1 unit 41J

C

3SB1201-7EV20

1

1 unit 41J

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C

3SB1201-7EW01

1

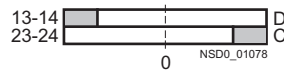
1 unit 41J

C

3SB1201-7EW20

1

1 unit 41J

Vertical, latching

Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C

3SB1201-7GV01

1

1 unit 41J

C

3SB1201-7GV20

1

1 unit 41J

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C

3SB1201-7GW01

1

1 unit 41J

C

3SB1201-7GW20

1

1 unit 41J

4 switch positions, 1 NO per direction
Momentary contact type

Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C

3SB1208-7JV01

1

1 unit 41J

C

3SB1208-7JV20

1

1 unit 41J

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C

3SB1208-7JW01

1

1 unit 41J

C

3SB1208-7JW20

1

1 unit 41J

Latching

Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C

3SB1208-7KV01

1

1 unit 41J

C

3SB1208-7KV20

1

1 unit 41J

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

C

3SB1208-7KW01

1

1 unit 41J

C

3SB1208-7KW20

1

1 unit 41J


 Coordinate switch,
2 switch positions

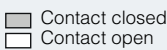

 Coordinate switch,
4 switch positions

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Coordinate switches, complete

Accessories

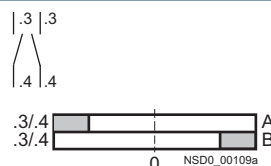
Version	Symbols/ operating travel	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG
Contact blocks	 Contact closed Contact open					
			Article No.	Price per PU		

Spare contact blocks



3SB1400-0J

Version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Contact blocks with 2 contacts 1 NO, 1 NO (included in scope of supply of switch)	C	3SB1400-0J		1	1 unit	41J



Name plates



3SB1906-0AV



3SB1906-0AW

Version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Label holders for coordinate switches 2 switch positions, horizontal, 89 mm x 30 mm 2 switch positions, vertical, 30 mm x 89 mm 4 switch positions	B	3SB1906-0AU		1	1 unit	41J
	B	3SB1906-0AV		1	1 unit	41J
	B	3SB1906-0AW		1	1 unit	41J
Inscription labels 27 mm x 27 mm, silver-colored, adhesive Without inscription With customized inscription (engraved)	B	3SB1906-2AA 3SB1906-2XZ		100	10 units	41J
<ul style="list-style-type: none"> Text lines (up to 5 lines each with 11 characters) 	D	K0Y, K1Y, K2Y, or K5Y		1	1 unit	41J
<ul style="list-style-type: none"> Graphic symbol with No. 	D	K3Y		1	1 unit	41J
<ul style="list-style-type: none"> Any inscription or symbol 	D	K9Y		1	1 unit	41J

For black plastic labels see page 13/76.

Options

Customized inscriptions

These labeling plates can be inscribed with text or symbols. 5 lines with 11 characters each in a letter height of 4 mm are possible.

Ordering notes

Append the following order codes to the Article No.:

- Text line(s) in upper/lower case, upper case always 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**
- Symbol with number according to ISO 7000 or IEC 60417: **K3Y**
- Any inscription or symbol according to order form supplement: **K9Y**

When ordering, specify the required inscription in plain text in addition to the Article No. 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 multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 = Lower".

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417.

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

Ordering example

A label inscribed with symbol No. 1117 according to ISO 7000 is required:

3SB19 06-2XZ
K3Y
Z = 1117 ISO

Other ordering examples see page 13/79.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Actuators and indicators

Selection and ordering data

Version	Inscriptions	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		
Pushbuttons with holder¹⁾							
	With flat button	Pushbuttons with flat button		Black	▶ 3SB3000-0AA11	1	1 unit 41J
		Red	▶ 3SB3000-0AA21	1	1 unit 41J		
		Yellow	▶ 3SB3000-0AA31	1	1 unit 41J		
		Green	▶ 3SB3000-0AA41	1	1 unit 41J		
		Blue	▶ 3SB3000-0AA51	1	1 unit 41J		
		White	▶ 3SB3000-0AA61	1	1 unit 41J		
		Gray	▶ 3SB3000-0AB51	1	1 unit 41J		
		Clear ²⁾	▶ 3SB3000-0AA71	1	1 unit 41J		
	With raised button	Pushbuttons with raised button		I Green	B 3SB3000-0AA81	1	1 unit 41J
		O Red	B 3SB3000-0AB01	1	1 unit 41J		
		I White	B 3SB3000-0AB11	1	1 unit 41J		
		O Black	B 3SB3000-0AB21	1	1 unit 41J		
	With raised button, latching	Pushbuttons with raised button, latching by pressing in and turning to the right, unlatches by turning to the left		R Blue	B 3SB3000-0AC81	1	1 unit 41J
		Pushbuttons with raised button, latching		Black	B 3SB3000-0BA11	1	1 unit 41J
		Red	B 3SB3000-0BA21	1	1 unit 41J		
		Yellow	B 3SB3000-0BA31	1	1 unit 41J		
		Green	B 3SB3000-0BA41	1	1 unit 41J		
		Blue	B 3SB3000-0BA51	1	1 unit 41J		
	With raised front ring, latching	Pushbuttons with raised front ring, latching		White	B 3SB3000-0BA61	1	1 unit 41J
		Pushbuttons with raised front ring, castellated		Black	B 3SB3000-0CA11	1	1 unit 41J
		Red	B 3SB3000-0CA21	1	1 unit 41J		
		Pushbuttons with raised front ring, castellated		Black	B 3SB3000-0AA12	1	1 unit 41J
		Red	B 3SB3000-0AA22	1	1 unit 41J		
	With raised front ring	Pushbuttons with raised front ring, castellated		Yellow	B 3SB3000-0AA32	1	1 unit 41J
		Green	B 3SB3000-0AA42	1	1 unit 41J		
		Blue	B 3SB3000-0AA52	1	1 unit 41J		
		White	B 3SB3000-0AA62	1	1 unit 41J		
		Pushbuttons with raised front ring, castellated		Black	B 3SB3000-0AA13	1	1 unit 41J
		Red	B 3SB3000-0AA23	1	1 unit 41J		
	With raised front ring, castellated	Pushbuttons with raised front ring, castellated		Yellow	B 3SB3000-0AA33	1	1 unit 41J
		Green	B 3SB3000-0AA43	1	1 unit 41J		
		White	B 3SB3000-0AA63	1	1 unit 41J		
		Pushbuttons with raised front ring, castellated		Black	B 3SB3000-0AA14	1	1 unit 41J
		Red	B 3SB3000-0AA24	1	1 unit 41J		
		Yellow	B 3SB3000-0AA34	1	1 unit 41J		
		Green	B 3SB3000-0AA44	1	1 unit 41J		
		Blue	B 3SB3000-0AA54	1	1 unit 41J		
	Illuminated pushbutton with raised button	Illuminated pushbuttons with flat button		White	B 3SB3000-0AA64	1	1 unit 41J
		Clear ²⁾	▶ 3SB3001-0AA71	1	1 unit 41J		
		Illuminated pushbuttons with raised button		Amber ²⁾	C 3SB3001-0AA01	1	1 unit 41J
		Red ²⁾	▶ 3SB3001-0AA21	1	1 unit 41J		
		Yellow ²⁾	▶ 3SB3001-0AA31	1	1 unit 41J		
		Green ²⁾	▶ 3SB3001-0AA41	1	1 unit 41J		
		Blue ²⁾	▶ 3SB3001-0AA51	1	1 unit 41J		
		White	B 3SB3001-0AA61	1	1 unit 41J		
		Clear ²⁾	▶ 3SB3001-0AA71	1	1 unit 41J		
		Illuminated pushbuttons with raised button		Red	B 3SB3001-0BA21	1	1 unit 41J
Yellow	B 3SB3001-0BA31	1	1 unit 41J				
Green	B 3SB3001-0BA41	1	1 unit 41J				
Blue	B 3SB3001-0BA51	1	1 unit 41J				
Clear	B 3SB3001-0BA71	1	1 unit 41J				
	Illuminated pushbutton with raised button	Pushbuttons with flat button, latching, unlatches by pressing again		Black	B 3SB3000-0DA11	1	1 unit 41J
		Red	B 3SB3000-0DA21	1	1 unit 41J		
		Yellow	B 3SB3000-0DA31	1	1 unit 41J		
		Green	B 3SB3000-0DA41	1	1 unit 41J		
		Blue	B 3SB3000-0DA51	1	1 unit 41J		
		White	B 3SB3000-0DA61	1	1 unit 41J		
		Gray	C 3SB3000-0DB51	1	1 unit 41J		
		Illuminated pushbuttons with flat button, latching, unlatches by pressing again, (incl. holder for 3 elements)		Red ²⁾	B 3SB3001-0DA21	1	1 unit 41J
		Yellow ²⁾	B 3SB3001-0DA31	1	1 unit 41J		
		Green ²⁾	B 3SB3001-0DA41	1	1 unit 41J		
Blue ²⁾	B 3SB3001-0DA51	1	1 unit 41J				
White	B 3SB3001-0DA61	1	1 unit 41J				
Clear ²⁾	B 3SB3001-0DA71	1	1 unit 41J				

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Inscription is possible by inserting a label.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Actuators and indicators

Version	Color of handle	DT	Configurator 	PU (UNIT, SET, M)	PS*	PG		
			Article No.	Price per PU				
Mushroom pushbuttons with holder¹⁾²⁾								
	Mushroom pushbuttons, Ø 30 mm		Black	B	3SB3000-1DA11	1	1 unit	41J
			Red	B	3SB3000-1DA21	1	1 unit	41J
			Yellow	B	3SB3000-1DA31	1	1 unit	41J
			Green	B	3SB3000-1DA41	1	1 unit	41J
	Mushroom pushbuttons, Ø 40 mm		Black	▶	3SB3000-1GA11	1	1 unit	41J
			Red	▶	3SB3000-1GA21	1	1 unit	41J
			Yellow	B	3SB3000-1GA31	1	1 unit	41J
			Green	B	3SB3000-1GA41	1	1 unit	41J
	Mushroom pushbuttons, Ø 60 mm		Black	B	3SB3000-1QA11	1	1 unit	41J
			Red	B	3SB3000-1QA21	1	1 unit	41J
			Yellow	B	3SB3000-1QA31	1	1 unit	41J
			Green	B	3SB3000-1QA41	1	1 unit	41J
	Illuminated mushroom pushbuttons, Ø 30 mm (incl. holder for 3 elements)		Red	B	3SB3001-1DA21	1	1 unit	41J
			Yellow	B	3SB3001-1DA31	1	1 unit	41J
			Green	B	3SB3001-1DA41	1	1 unit	41J
			Blue	B	3SB3001-1DA51	1	1 unit	41J
			White	B	3SB3001-1DA61	1	1 unit	41J
			Clear	B	3SB3001-1DA71	1	1 unit	41J
	Illuminated mushroom pushbuttons, Ø 40 mm (incl. holder for 3 elements)		Yellow	B	3SB3001-1GA31	1	1 unit	41J
			Green	B	3SB3001-1GA41	1	1 unit	41J
			White	B	3SB3001-1GA61	1	1 unit	41J
			Clear	C	3SB3001-1GA71	1	1 unit	41J

 For online configurator see www.siemens.com/sirius/configurators


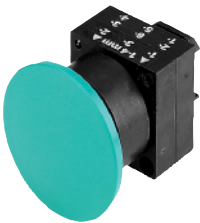


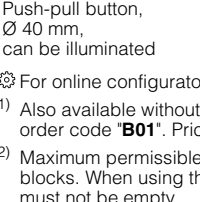
1) Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

2) Maximum permissible equipment: 3 single-pole or 2 double-pole contact blocks. When using the 3SB3901-0AB holder, the central command point must not be empty.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Actuators and indicators

Version	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU		
Push-pull buttons with holder¹⁾²⁾						
 <p>Push-pull button, Ø 30 mm</p>	Push-pull buttons, Ø 30 mm, latching, pull to unlatch		Black	B	3SB3000-1EA11	1 1 unit 41J
			Red	B	3SB3000-1EA21	1 1 unit 41J
			Yellow	B	3SB3000-1EA31	1 1 unit 41J
 <p>Push-pull button, Ø 40 mm</p>	Push-pull buttons, Ø 40 mm, latching, pull to unlatch		Black	▶ B	3SB3000-1CA11	1 1 unit 41J
			Red	▶ B	3SB3000-1CA21	1 1 unit 41J
			Yellow	B	3SB3000-1CA31	1 1 unit 41J
			Green	C	3SB3000-1CA41	1 1 unit 41J
 <p>Push-pull button, Ø 30 mm, can be illuminated, latching, pull to unlatch, (including holder for 3 elements)</p>	Push-pull buttons, Ø 30 mm, can be illuminated, latching, pull to unlatch, (including holder for 3 elements)		Black	B	3SB3000-1RA11	1 1 unit 41J
			Red	B	3SB3000-1RA21	1 1 unit 41J
 <p>Push-pull button, Ø 30 mm, can be illuminated</p>	Push-pull buttons, Ø 30 mm, can be illuminated, latching, pull to unlatch, (including holder for 3 elements)		Red	B	3SB3001-1EA21	1 1 unit 41J
			Yellow	B	3SB3001-1EA31	1 1 unit 41J
			Green	B	3SB3001-1EA41	1 1 unit 41J
			Blue	B	3SB3001-1EA51	1 1 unit 41J
			Clear	B	3SB3001-1EA71	1 1 unit 41J
 <p>Push-pull button, Ø 40 mm, can be illuminated</p>	Push-pull buttons, Ø 40 mm, can be illuminated, latching, pull to unlatch, (including holder for 3 elements)		Red	B	3SB3001-1CA21	1 1 unit 41J
			Yellow	B	3SB3001-1CA31	1 1 unit 41J
			Green	B	3SB3001-1CA41	1 1 unit 41J
			Blue	B	3SB3001-1CA51	1 1 unit 41J
			Clear	B	3SB3001-1CA71	1 1 unit 41J

For online configurator see www.siemens.com/sirius/configurators















¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Maximum permissible equipment: 3 single-pole or 2 double-pole contact blocks. When using the 3SB3901-0AB holder, the central command point must not be empty.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Actuators and indicators

Version	Version Illumination	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		
Selector switches with holder¹⁾							
Selector switches with 2 switch positions							
 <p>Non-illuminated</p>	Switching sequence O-I, 90° operating angle, latching		Non-illuminated Black B Red B Green B White B	3SB3000-2HA11	1	1 unit	41J
				3SB3000-2HA21	1	1 unit	41J
				3SB3000-2HA41	1	1 unit	41J
				3SB3000-2HA61	1	1 unit	41J
				Illuminated (incl. holder for 3 elements)	Red B	3SB3001-2HA21	1
Yellow B	3SB3001-2HA31	1	1 unit	41J			
Green B	3SB3001-2HA41	1	1 unit	41J			
Blue B	3SB3001-2HA51	1	1 unit	41J			
Clear B	3SB3001-2HA71	1	1 unit	41J			
 <p>Illuminated</p>	Switching sequence O-I, 50° operating angle, latching		Non-illuminated Black B Red B Green B White B	3SB3000-2KA11	1	1 unit	41J
				3SB3000-2KA21	1	1 unit	41J
				3SB3000-2KA41	1	1 unit	41J
				3SB3000-2KA61	1	1 unit	41J
				Illuminated (incl. holder for 3 elements)	Red B	3SB3001-2KA21	1
Yellow B	3SB3001-2KA31	1	1 unit	41J			
Green B	3SB3001-2KA41	1	1 unit	41J			
Blue B	3SB3001-2KA51	1	1 unit	41J			
Clear B	3SB3001-2KA71	1	1 unit	41J			
 <p>Non-illuminated</p>	Switching sequence O-I, 50° operating angle, momentary contact type		Non-illuminated Black B Red B Green B White B	3SB3000-2LA11	1	1 unit	41J
				3SB3000-2LA21	1	1 unit	41J
				3SB3000-2LA41	1	1 unit	41J
				3SB3000-2LA61	1	1 unit	41J
				Illuminated (incl. holder for 3 elements)	Red B	3SB3001-2LA21	1
Yellow B	3SB3001-2LA31	1	1 unit	41J			
Green B	3SB3001-2LA41	1	1 unit	41J			
Blue B	3SB3001-2LA51	1	1 unit	41J			
Clear B	3SB3001-2LA71	1	1 unit	41J			
Selector switches with 3 switch positions							
 <p>Non-illuminated</p>	Switching sequence I-O-II, 2 x 50° operating angle, latching		Non-illuminated Black B Red B Green B White B	3SB3000-2DA11	1	1 unit	41J
				3SB3000-2DA21	1	1 unit	41J
				3SB3000-2DA41	1	1 unit	41J
				3SB3000-2DA61	1	1 unit	41J
				Illuminated (incl. holder for 3 elements)	Red B	3SB3001-2DA21	1
Yellow B	3SB3001-2DA31	1	1 unit	41J			
Green B	3SB3001-2DA41	1	1 unit	41J			
Blue B	3SB3001-2DA51	1	1 unit	41J			
Clear B	3SB3001-2DA71	1	1 unit	41J			
 <p>Illuminated</p>	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type		Non-illuminated Black B Red B Green B White B	3SB3000-2EA11	1	1 unit	41J
				3SB3000-2EA21	1	1 unit	41J
				3SB3000-2EA41	1	1 unit	41J
				3SB3000-2EA61	1	1 unit	41J
				Illuminated (incl. holder for 3 elements)	Red B	3SB3001-2EA21	1
Yellow B	3SB3001-2EA31	1	1 unit	41J			
Green B	3SB3001-2EA41	1	1 unit	41J			
Blue B	3SB3001-2EA51	1	1 unit	41J			
Clear B	3SB3001-2EA71	1	1 unit	41J			
 <p>Non-illuminated</p>	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type to the left, latching to the right		Non-illuminated Black B Red B Green B White B	3SB3000-2GA11	1	1 unit	41J
				3SB3000-2GA21	1	1 unit	41J
				3SB3000-2GA41	1	1 unit	41J
				3SB3000-2GA61	1	1 unit	41J
				Illuminated (incl. holder for 3 elements)	Red B	3SB3001-2GA21	1
Yellow B	3SB3001-2GA31	1	1 unit	41J			
Green B	3SB3001-2GA41	1	1 unit	41J			
Blue B	3SB3001-2GA51	1	1 unit	41J			
Clear B	3SB3001-2GA71	1	1 unit	41J			
 <p>Non-illuminated</p>	Switching sequence I-O-II, 2 x 50° operating angle, latching to the left, momentary contact type to the right		Non-illuminated Black B Red B Green B White B	3SB3000-2FA11	1	1 unit	41J
				3SB3000-2FA21	1	1 unit	41J
				3SB3000-2FA41	1	1 unit	41J
				3SB3000-2FA61	1	1 unit	41J
				Illuminated (incl. holder for 3 elements)	Red B	3SB3001-2FA21	1
Yellow B	3SB3001-2FA31	1	1 unit	41J			
Green B	3SB3001-2FA41	1	1 unit	41J			
Blue C	3SB3001-2FA51	1	1 unit	41J			
Clear B	3SB3001-2FA71	1	1 unit	41J			





For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Actuators and indicators

Version	Lock version Type	Lock No./color	Key removal position	DT	Configurator		PU (UNIT, SET, M)	PS*	PG					
					Article No.	Price per PU								
Key-operated switches with holder¹⁾														
Key-operated switches with 2 keys, 2 switch positions														
	Switching sequence O-I, 50° operating angle, latching	SB 30	O+I O I	B	3SB3000-4HD11		1	1 unit	41J					
					3SB3000-4HD01		1	1 unit	41J					
					3SB3000-4HD21		1	1 unit	41J					
RONIS key-operated switch	Switching sequence O-I, 50° operating angle, latching	SB 30	O+I O I	▶ ▶ ▶	3SB3000-4AD11		1	1 unit	41J					
					3SB3000-4AD01		1	1 unit	41J					
					3SB3000-4AD21		1	1 unit	41J					
	Switching sequence O-I, 50° operating angle, latching	CES	SSG 10 O+I O I	▶ ▶ ▶	3SB3000-4LD11		1	1 unit	41J					
					3SB3000-4LD01		1	1 unit	41J					
					3SB3000-4LD21		1	1 unit	41J					
		CES key-operated switch	Switching sequence O-I, 50° operating angle, latching	LSG 1	O+I O I	B	3SB3000-4LF01		1	1 unit	41J			
							3SB3000-4LF11		1	1 unit	41J			
							3SB3000-4LF21		1	1 unit	41J			
	Switching sequence O-I, 50° operating angle, latching	CES with key monitoring ²⁾	SSG 10	O	C	3SB3000-4LD05		1	1 unit	41J				
					BKS	S1	O+I O I	B	3SB3000-5AD11		1	1 unit	41J	
									3SB3000-5AD01		1	1 unit	41J	
		3SB3000-5AD21		1					1 unit	41J				
		BKS key-operated switch	Switching sequence O-I, 50° operating angle, latching	E1 for VW ³⁾	O+I O	B	3SB3000-5AE01		1	1 unit	41J			
							3SB3000-5AE11		1	1 unit	41J			
							E2 for VW ³⁾	O+I O	B	3SB3000-5AE21		1	1 unit	41J
							3SB3000-5AE31				1	1 unit	41J	
		BKS key-operated switch	Switching sequence O-I, 50° operating angle, latching	E7 for VW ³⁾	O+I O	B	3SB3000-5AE41		1	1 unit	41J			
							3SB3000-5AE51		1	1 unit	41J			
	Switching sequence O-I, 50° operating angle, momentary contact type	O.M.R. ⁴⁾	73038	Light blue	O+I O	B	3SB3000-3AG11		1	1 unit	41J			
							3SB3000-3AG01		1	1 unit	41J			
		O.M.R. key-operated switch	Switching sequence O-I, 50° operating angle, momentary contact type	73037	Red	O+I O	B	3SB3000-3AH11		1	1 unit	41J		
								3SB3000-3AH01		1	1 unit	41J		
		O.M.R. key-operated switch	Switching sequence O-I, 50° operating angle, momentary contact type	73034	Black	O+I O	B	3SB3000-3AJ11		1	1 unit	41J		
								3SB3000-3AJ01		1	1 unit	41J		
		O.M.R. key-operated switch	Switching sequence O-I, 50° operating angle, momentary contact type	73033	Yellow	O+I O	B	3SB3000-3AK11		1	1 unit	41J		
								3SB3000-3AK01		1	1 unit	41J		
		O.M.R. key-operated switch	Switching sequence O-I, 50° operating angle, momentary contact type	RONIS	SB 30	O	▶	3SB3000-4BD01		1	1 unit	41J		
								CES	SSG 10	O	▶	3SB3000-4MD01		1
O.M.R. ⁴⁾	73038			Light blue	O	B	3SB3000-4MF11					1	1 unit	41J
							3SB3000-5BD01		1	1 unit	41J			
O.M.R. key-operated switch	Switching sequence O-I, 50° operating angle, momentary contact type			73038	Light blue	O	B	3SB3000-3BG01		1	1 unit	41J		
								73037	Red	O	B	3SB3000-3BH01		1
O.M.R. key-operated switch	Switching sequence O-I, 50° operating angle, momentary contact type			73034	Black	O	B	3SB3000-3BJ01					1	1 unit
		73033	Yellow					O	B	3SB3000-3BK01		1	1 unit	41J

⚙️ For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ For key-operated switches with key monitoring, the enclosed holder 3SB3901-0AB must be used.
The key scan is performed by a 3SB34 single-pole NC contact block which must be snap-mounted in the center position. Scanning of the switch positions must be performed by additional contact blocks which are snap-mounted on the actuator.
Special locks can be ordered only with order code "Y01".

³⁾ Keys are not included in scope of supply.

⁴⁾ According to FIAT standards; also available for other users.

BKS and CES special locks see page 13/70.

3SB3 Pushbuttons and Indicator Lights, 22 mm









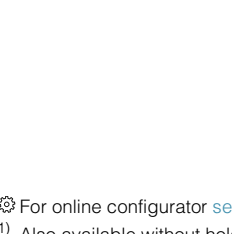

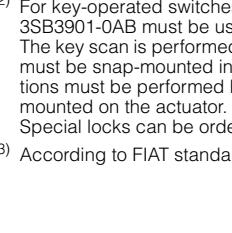

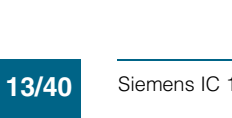
Actuators and Indicators, Plastic, Round, 22 mm

Actuators and indicators

Version	Lock version			DT	Configurator	PU (UNIT, SET, M)	PS*	PG
	Type	Lock No./color	Key removal position					

Key-operated switches with holder¹⁾

Key-operated switches with 2 keys, 3 switch positions

 RONIS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, latching 	RONIS	SB 30	I+O+II O I+II I II O+I	B	3SB3000-4DD11	1	1 unit	41J																				
					B	3SB3000-4DD01	1	1 unit	41J																				
					B	3SB3000-4DD41	1	1 unit	41J																				
					B	3SB3000-4DD21	1	1 unit	41J																				
					B	3SB3000-4DD31	1	1 unit	41J																				
					B	3SB3000-4DD51	1	1 unit	41J																				
 CES key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	I+O+II O O+I I+II I II	B	3SB3000-4PD11	1	1 unit	41J																				
					B	3SB3000-4PD01	1	1 unit	41J																				
					B	3SB3000-4PD51	1	1 unit	41J																				
					B	3SB3000-4PD41	1	1 unit	41J																				
					B	3SB3000-4PD21	1	1 unit	41J																				
					B	3SB3000-4PD31	1	1 unit	41J																				
 CES with key monitoring ²⁾	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	O	C	3SB3000-4PD05	1	1 unit	41J																				
					 BKS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	BKS	S1	I+O+II II	B	3SB3000-5DD11	1	1 unit	41J															
										C	3SB3000-5DD31	1	1 unit	41J															
										 O.M.R. ³⁾ key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, latching to the left, latching to the right 	O.M.R. ³⁾	73038 Light blue	I+O+II O	B	3SB3000-3DG11	1	1 unit	41J										
															B	3SB3000-3DG01	1	1 unit	41J										
															 RONIS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	RONIS	SB 30	O O+I II	B	3SB3000-3DH01	1	1 unit	41J					
B	3SB3000-3DH51	1	1 unit	41J																									
 CES key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	I+O+II O	B	3SB3000-3DJ11	1	1 unit	41J																				
					B	3SB3000-3DJ01	1	1 unit	41J																				
					 O.M.R. ³⁾ key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	O.M.R. ³⁾	73034 Black	I+O+II	B	3SB3000-3DK11	1	1 unit	41J															
										 RONIS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	RONIS	SB 30	O						B	3SB3000-4ED01	1	1 unit	41J					
															 CES key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	O	B	3SB3000-4QD01	1	1 unit	41J					
																				 BKS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	BKS	S1	O	B	3SB3000-5ED01	1	1 unit	41J
 O.M.R. ³⁾ key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	O.M.R. ³⁾	73034 Black	O																					B	3SB3000-3EJ01	1	1 unit	41J
																									 RONIS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	RONIS	SB 30	O+II O II
					 CES key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	O+II O																				
										 BKS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	BKS	S1	O															
															 RONIS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	O+II O										
																				 CES key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	O+II O					
 BKS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	BKS	S1	O																									
																									 RONIS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	RONIS	SB 30	O+I O I
					 CES key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	O+I O I																				
										 BKS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	BKS	S1	O+I O I															
															 O.M.R. ³⁾ key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	O.M.R. ³⁾	73038 Light blue	O+I O I										
																				 RONIS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	O+I O I					
 CES key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	CES	SSG 10	O+I O I																									
																									 BKS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	BKS	S1	O+I O I
					 O.M.R. ³⁾ key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	O.M.R. ³⁾	73034 Black	I																				
										 RONIS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	O.M.R. ³⁾	73034 Black	I															
															 CES key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	O.M.R. ³⁾	73038 Light blue	O										
																				 BKS key-operated switch	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	O.M.R. ³⁾	73034 Black	I					

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ For key-operated switches with key monitoring, the enclosed holder 3SB3901-0AB must be used. The key scan is performed by a 3SB34 single-pole NC contact block which must be snap-mounted in the center position. Scanning of the switch positions must be performed by additional contact blocks which are snap-mounted on the actuator. Special locks can be ordered only with order code "Y01".

³⁾ According to FIAT standards; also available for other users.

BKS and CES special locks see page 13/70.





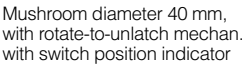













3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Actuators and indicators

Version	Color of handle	Approval	DT	Configurator	Price per PU	PU (UNIT, SET, M)	PS*	PG
				Article No.				

EMERGENCY-STOP control devices acc. to ISO 13850 and IEC 60947-5-5 with holder¹⁾²⁾, can also be used with safety relays³⁾

	EMERGENCY-STOP mushroom pushbuttons, Ø 32 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism	Red		B	3SB3000-1FA20		1	1 unit	41J
Mushroom diameter 32 mm									
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism	Red							
	<ul style="list-style-type: none"> Without switch position indicator With mechanical switch position indicator 				<ul style="list-style-type: none"> ▶ 3SB3000-1HA20 ▶ 3SB3000-1HA26 		1	1 unit	41J
Mushroom diameter 40 mm, with rotate-to-unlatch mechanism with switch position indicator									
	Mushroom pushbuttons, Ø 40 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism	Black		B	3SB3000-1HA10		1	1 unit	41J
Mushroom diameter 40 mm, with rotate-to-unlatch mechanism with switch position indicator									
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching according to ISO 13850, with pull-to-unlatch mechanism	Red		B	3SB3000-1TA20		1	1 unit	41J
Mushroom diameter 40 mm, pull-to-unlatch mechanism									
	EMERGENCY-STOP mushroom pushbuttons, Ø 60 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism	Red		B	3SB3000-1AA20		1	1 unit	41J
Mushroom diameter 60 mm									
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with RONIS lock, lock No. SB 30, with positive latching according to ISO 13850, unlocking only possible using key	Red		B	3SB3000-1BA20		1	1 unit	41J
Mushroom diameter 40 mm, with RONIS key-oper. switch									
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with CES lock, lock No. SSG 10, with positive latching according to ISO 13850, unlocking only possible using key	Red		B	3SB3000-1KA20		1	1 unit	41J
Mushroom diameter 40 mm, with CES key-operated switch									
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with BKS lock, lock No. S1, with positive latching according to ISO 13850, unlocking only possible using key	Red		B	3SB3000-1LA20		1	1 unit	41J
Mushroom diameter 40 mm, with CES key-operated switch									
	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with O.M.R. lock, lock No. 73037, with positive latching according to ISO 13850, unlocking only possible using key	Red		B	3SB3000-1MA20		1	1 unit	41J
Mushroom diameter 40 mm, with CES key-operated switch									

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ The yellow backing plates must be ordered separately, see "Accessories" on page 13/85.

³⁾ Can be used with 3SK11 safety relays or the 3RK3 Modular Safety System; see Chapter 11, "Safety Technology".

BKS and CES special locks see page 13/70.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Actuators and indicators

Version	Color of lens	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU		

Signaling elements with holder¹⁾



Indicator light with concentric rings

Indicator lights with smooth lens ²⁾	Amber	B	3SB3001-6AA00	1	1 unit	41J
	Red	▶	3SB3001-6AA20	1	1 unit	41J
	Yellow	B	3SB3001-6AA30	1	1 unit	41J
	Green	▶	3SB3001-6AA40	1	1 unit	41J
	Blue	B	3SB3001-6AA50	1	1 unit	41J
	White	B	3SB3001-6AA60	1	1 unit	41J
	Clear	▶	3SB3001-6AA70	1	1 unit	41J

Indicator lights with lens with concentric rings ²⁾	Amber	B	3SB3001-6BA00	1	1 unit	41J
	Red	B	3SB3001-6BA20	1	1 unit	41J
	Yellow	B	3SB3001-6BA30	1	1 unit	41J
	Green	B	3SB3001-6BA40	1	1 unit	41J
	Blue	B	3SB3001-6BA50	1	1 unit	41J
	White	B	3SB3001-6BA60	1	1 unit	41J
	Clear	B	3SB3001-6BA70	1	1 unit	41J



Acoustic signaling device

Acoustic signaling devices, IP40³⁾ For acoustic signal transformer 24 V DC ⁴⁾ (without BA 9s base)	Black	B	3SB3000-7AA10	1	1 unit	41J
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For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Inscription by inserting a label is not possible.

³⁾ For acoustic signaling devices, IP65, see [Complete units, page 13/31](#).

⁴⁾ Following must also be ordered:
- 3SB1902-2BN acoustic signal transformer, see "Accessories", page 13/82

- lampholder with screw terminals
3SB3400-1A for front plate mounting or
3SB3420-1A for base mounting

Devices assembled in this way are suitable for use in enclosures.
Lampholders with spring-type terminals cannot be used.

Version	Inscriptions	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		

Twin pushbuttons with indicator light with holder¹⁾²⁾



Twin pushbutton with indicator light, with flat buttons

Twin pushbuttons with indicator light, with flat, square buttons, incl. holder for 3 elements	I/O ³⁾	Green/Red	B	3SB3101-8BC21	1	1 unit	41J
	I/O ³⁾	White/Black	B	3SB3101-8BC31	1	1 unit	41J
	↑/↓ ³⁾	Green/Red	B	3SB3101-8BC81	1	1 unit	41J

Twin pushbuttons with indicator light, with flat and raised, square buttons, incl. holder for 3 elements	I/O ³⁾	Green/Red	B	3SB3101-8DC21	1	1 unit	41J
	I/O ³⁾	White/Black	B	3SB3101-8DC31	1	1 unit	41J



Twin pushbuttons with indicator light, with flat and raised buttons

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Mounting the twin pushbuttons in 3SB38 enclosure is not possible.

³⁾ Black inscription for green, red and white buttons;
white inscription on black button.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Round, 22 mm

Actuators and indicators

Version	Inscriptions	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		

Twin pushbuttons with holder¹⁾²⁾



Twin pushbutton with flat buttons

Twin pushbuttons, with flat, square buttons	I/O ³⁾	Green/Red	B	3SB3100-8AC21	1	1 unit	41J
	I/O ³⁾	White/Black	B	3SB3100-8AC31	1	1 unit	41J
	↑/↓ ³⁾	White/White	B	3SB3100-8AC61-0AD0	1	1 unit	41J
Twin pushbuttons, with flat and raised, square buttons	I/O ³⁾	Green/Red	B	3SB3100-8CC21	1	1 unit	41J
	I/O ³⁾	White/Black	B	3SB3100-8CC31	1	1 unit	41J

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "**B01**". Price reduction on request.

²⁾ Mounting the twin pushbuttons in 3SB38 enclosure is not possible.

³⁾ Black inscription for green, red and white buttons; white inscription on black button.

Version	Use	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Accessories for twin pushbuttons



Label holders

Label holders 70 mm x 30 mm for inscription label 12.5 mm x 27 mm ¹⁾	Twin pushbuttons	B	3SB3922-0AY		100	10 units	41J
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Protective cap

Protective caps, clear Silicone, for degree of protection IP67	Twin pushbuttons with flat buttons	B	3SB3921-0AQ		1	1 unit	41J
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¹⁾ Mounting in 3SB38 enclosure is not possible.
For inscription labels see pages 13/75 and 13/76.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Square, 26 mm × 26 mm

Complete units

Selection and ordering data

Version	Rated voltage of lamp	Color of handle	Contacts for front plate mounting ¹⁾	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG	
					Configurator				
V					Article No.	Price per PU			
Pushbuttons									
	Pushbuttons with flat button	--	Black	1 NO	B	3SB3302-0AA11	1	1 unit	41J
		Black	1 NC	B	3SB3303-0AA11	1	1 unit	41J	
		Red	1 NC	B	3SB3303-0AA21	1	1 unit	41J	
		Yellow	1 NO	B	3SB3302-0AA31	1	1 unit	41J	
		Green	1 NO	B	3SB3302-0AA41	1	1 unit	41J	
		Blue	1 NO	B	3SB3302-0AA51	1	1 unit	41J	
		White	1 NO	B	3SB3302-0AA61	1	1 unit	41J	
		Black	1 NO + 1 NC	B	3SB3301-0AA11	1	1 unit	41J	
		Red	1 NO + 1 NC	B	3SB3301-0AA21	1	1 unit	41J	
		Yellow	1 NO + 1 NC	B	3SB3301-0AA31	1	1 unit	41J	
		Green	1 NO + 1 NC	B	3SB3301-0AA41	1	1 unit	41J	
		Blue	1 NO + 1 NC	C	3SB3301-0AA51	1	1 unit	41J	
		White	1 NO + 1 NC	B	3SB3301-0AA61	1	1 unit	41J	
			Illuminated pushbuttons with flat button With integrated LED (incl. holder for 3 elements)	24 AC/DC	Red ²⁾	1 NC	B	3SB3346-0AA21	1
Yellow ²⁾	1 NO			B	3SB3345-0AA31	1	1 unit	41J	
Green ²⁾	1 NO			B	3SB3345-0AA41	1	1 unit	41J	
Blue ²⁾	1 NO			B	3SB3345-0AA51	1	1 unit	41J	
White	1 NO			B	3SB3345-0AA61	1	1 unit	41J	
Clear ²⁾	1 NO			B	3SB3345-0AA71	1	1 unit	41J	
Red ²⁾	1 NO + 1 NC			B	3SB3347-0AA21	1	1 unit	41J	
Yellow ²⁾	1 NO + 1 NC			B	3SB3347-0AA31	1	1 unit	41J	
Green ²⁾	1 NO + 1 NC			B	3SB3347-0AA41	1	1 unit	41J	
Blue ²⁾	1 NO + 1 NC			B	3SB3347-0AA51	1	1 unit	41J	
White	1 NO + 1 NC			B	3SB3347-0AA61	1	1 unit	41J	
Clear ²⁾	1 NO + 1 NC			B	3SB3347-0AA71	1	1 unit	41J	
230 AC	Red ²⁾			1 NC	B	3SB3354-0AA21	1	1 unit	41J
Yellow ²⁾	1 NO			C	3SB3353-0AA31	1	1 unit	41J	
Green ²⁾	1 NO	B	3SB3353-0AA41	1	1 unit	41J			
Blue ²⁾	1 NO	C	3SB3353-0AA51	1	1 unit	41J			
White	1 NO	B	3SB3353-0AA61	1	1 unit	41J			
Clear ²⁾	1 NO	B	3SB3353-0AA71	1	1 unit	41J			
Red ²⁾	1 NO + 1 NC	B	3SB3355-0AA21	1	1 unit	41J			
Yellow ²⁾	1 NO + 1 NC	C	3SB3355-0AA31	1	1 unit	41J			
Green ²⁾	1 NO + 1 NC	B	3SB3355-0AA41	1	1 unit	41J			
Blue ²⁾	1 NO + 1 NC	C	3SB3355-0AA51	1	1 unit	41J			
White	1 NO + 1 NC	C	3SB3355-0AA61	1	1 unit	41J			
Clear ²⁾	1 NO + 1 NC	B	3SB3355-0AA71	1	1 unit	41J			
Illuminated pushbuttons with flat button With BA 9s lampholder without lamp (incl. holder for 3 elements)	--	Red ²⁾	1 NC	B	3SB3307-0AA21	1	1 unit	41J	
	Yellow ²⁾	1 NO	B	3SB3306-0AA31	1	1 unit	41J		
	Green ²⁾	1 NO	B	3SB3306-0AA41	1	1 unit	41J		
	Blue ²⁾	1 NO	B	3SB3306-0AA51	1	1 unit	41J		
	White	1 NO	B	3SB3306-0AA61	1	1 unit	41J		
	Clear ²⁾	1 NO	B	3SB3306-0AA71	1	1 unit	41J		
	Red ²⁾	1 NO + 1 NC	B	3SB3305-0AA21	1	1 unit	41J		
	Yellow ²⁾	1 NO + 1 NC	B	3SB3305-0AA31	1	1 unit	41J		
	Green ²⁾	1 NO + 1 NC	B	3SB3305-0AA41	1	1 unit	41J		
	Blue ²⁾	1 NO + 1 NC	B	3SB3305-0AA51	1	1 unit	41J		
	White	1 NO + 1 NC	B	3SB3305-0AA61	1	1 unit	41J		
	Clear ²⁾	1 NO + 1 NC	B	3SB3305-0AA71	1	1 unit	41J		

For online configurator see www.siemens.com/sirius/configurators

¹⁾ The inscription 1 NO + 1 NC means that a contact block with two contacts is used (3SB3400-0A or 3SB3403-0A).

²⁾ Inscription is possible by inserting a label.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Square, 26 mm × 26 mm

Complete units

Version	Color of handle	Contacts for front plate mounting ¹⁾	DT	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
				Configurator	⚙			
				Article No.		Price per PU		

EMERGENCY-STOP control devices according to ISO 13850 and IEC 60947-5-5, with holder and yellow name plate, Ø 80 mm, with inscription²⁾



EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching function, with rotate-to-unlatch mechanism

EMERGENCY-STOP mushroom pushbutton with rotate-to-unlatch mechanism

⚙ For online configurator see www.siemens.com/sirius/configurators

⊕ Positive opening according to IEC 60947-5-1, Appendix K. Can be used with 3SK11 safety relays or the 3RK3 Modular Safety System; see Chapter 11, "Safety Technology". Certificate:



¹⁾ The inscription 1 NO + 1 NC means that a contact block with two contacts is used (3SB3400-0A).

²⁾ German inscription "NOT-HALT".

Version	Rated voltage of lamp	Color of lens	DT	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
				Configurator	⚙			
	V			Article No.		Price per PU		

Signaling devices



Indicator lights

Indicator lights with integrated LED	24 AC/DC	Red	B	3SB3344-6AA20	1	1 unit	41J
		Yellow	B	3SB3344-6AA30	1	1 unit	41J
		Green	B	3SB3344-6AA40	1	1 unit	41J
		Blue	B	3SB3344-6AA50	1	1 unit	41J
		White	B	3SB3344-6AA60	1	1 unit	41J
		Clear	B	3SB3344-6AA70	1	1 unit	41J
Indicator lights with integrated LED	230 AC	Red	B	3SB3352-6AA20	1	1 unit	41J
		Yellow	B	3SB3352-6AA30	1	1 unit	41J
		Green	B	3SB3352-6AA40	1	1 unit	41J
		Blue	B	3SB3352-6AA50	1	1 unit	41J
		White	B	3SB3352-6AA60	1	1 unit	41J
		Clear	B	3SB3352-6AA70	1	1 unit	41J
Indicator lights with BA 9s lampholder (without lamp)	-	Red	B	3SB3304-6AA20	1	1 unit	41J
		Yellow	B	3SB3304-6AA30	1	1 unit	41J
		Green	B	3SB3304-6AA40	1	1 unit	41J
		Blue	B	3SB3304-6AA50	1	1 unit	41J
		White	B	3SB3304-6AA60	1	1 unit	41J
		Clear	B	3SB3304-6AA70	1	1 unit	41J







⚙ For online configurator see www.siemens.com/sirius/configurators

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Square, 26 mm × 26 mm

Actuators and indicators

Selection and ordering data

Version	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG	
			Article No.	Price per PU			
Pushbuttons and switches with holder¹⁾							
	Pushbuttons with flat button	Black	B	3SB3110-0AA11	1	1 unit	41J
		Red	B	3SB3110-0AA21	1	1 unit	41J
		Yellow	B	3SB3110-0AA31	1	1 unit	41J
		Green	B	3SB3110-0AA41	1	1 unit	41J
		Blue	B	3SB3110-0AA51	1	1 unit	41J
		White	B	3SB3110-0AA61	1	1 unit	41J
	Clear ²⁾	B	3SB3110-0AA71	1	1 unit	41J	
Pushbuttons							
	Pushbuttons with raised front ring (height 13 mm)	Black	B	3SB3110-0AA12	1	1 unit	41J
		Red	B	3SB3110-0AA22	1	1 unit	41J
		Green	C	3SB3110-0AA42	1	1 unit	41J
		Blue	B	3SB3110-0AA52	1	5 units	41J
		White	B	3SB3110-0AA62	1	1 unit	41J
Pushbutton with raised front ring							
	Pushbuttons with raised front ring, castellated (height 13 mm)	Black	C	3SB3110-0AA13	1	1 unit	41J
		Red	C	3SB3110-0AA23	1	1 unit	41J
		Yellow	C	3SB3110-0AA33	1	1 unit	41J
		Green	C	3SB3110-0AA43	1	1 unit	41J
		Blue	B	3SB3110-0AA53	1	5 units	41J
		White	C	3SB3110-0AA63	1	1 unit	41J
Pushbutton with raised front ring, castellated							
	Illuminated pushbuttons with flat button (incl. holder for 3 elements)	Red ²⁾	B	3SB3111-0AA21	1	1 unit	41J
		Yellow ²⁾	B	3SB3111-0AA31	1	1 unit	41J
		Green ²⁾	B	3SB3111-0AA41	1	1 unit	41J
		Blue ²⁾	B	3SB3111-0AA51	1	1 unit	41J
		White	B	3SB3111-0AA61	1	1 unit	41J
		Clear ²⁾	B	3SB3111-0AA71	1	1 unit	41J
Illuminated pushbuttons							
	Pushbuttons, latching, with flat button, unlocking by pressing again	Black	B	3SB3110-0DA11	1	1 unit	41J
		Red	B	3SB3110-0DA21	1	1 unit	41J
		Yellow	B	3SB3110-0DA31	1	1 unit	41J
		Green	B	3SB3110-0DA41	1	1 unit	41J
		Blue	C	3SB3110-0DA51	1	1 unit	41J
		White	B	3SB3110-0DA61	1	1 unit	41J
Pushbutton							
	Illuminated pushbuttons, latching, with flat button (incl. holder for 3 elements), unlocking by pressing again	Red ²⁾	B	3SB3111-0DA21	1	1 unit	41J
		Yellow ²⁾	B	3SB3111-0DA31	1	1 unit	41J
		Green ²⁾	B	3SB3111-0DA41	1	1 unit	41J
		Blue ²⁾	B	3SB3111-0DA51	1	1 unit	41J
		White	B	3SB3111-0DA61	1	1 unit	41J
		Clear ²⁾	B	3SB3111-0DA71	1	1 unit	41J
Illuminated pushbutton							

For online configurator see www.siemens.com/sirius/configurators









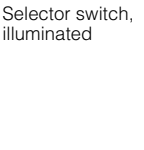



¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Inscription is possible by inserting a label.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Square, 26 mm × 26 mm

Actuators and indicators

Version	Version Illumination	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG	
				Article No.	Price per PU			
Selector switches with holder¹⁾								
Selector switches with 2 switch positions								
	Switching sequence O-I, 50° operating angle, latching 	Non-illuminated	Black	B	3SB3110-2KA11	1	1 unit	41J
			Red	B	3SB3110-2KA21	1	1 unit	41J
			Green	B	3SB3110-2KA41	1	1 unit	41J
			White	B	3SB3110-2KA61	1	1 unit	41J
			Illuminated (incl. holder for 3 elements)	Red	B	3SB3111-2KA21	1	1 unit
Yellow	B	3SB3111-2KA31		1	1 unit	41J		
Green	B	3SB3111-2KA41		1	1 unit	41J		
Blue	B	3SB3111-2KA51		1	1 unit	41J		
Clear	B	3SB3111-2KA71		1	1 unit	41J		
	Switching sequence O-I, 50° operating angle, momentary contact type 	Non-illuminated	Black	B	3SB3110-2LA11	1	1 unit	41J
			Red	C	3SB3110-2LA21	1	1 unit	41J
			Green	C	3SB3110-2LA41	1	1 unit	41J
			White	C	3SB3110-2LA61	1	1 unit	41J
			Illuminated (incl. holder for 3 elements)	Red	B	3SB3111-2LA21	1	1 unit
Yellow	C	3SB3111-2LA31		1	1 unit	41J		
Green	C	3SB3111-2LA41		1	1 unit	41J		
Blue	C	3SB3111-2LA51		1	1 unit	41J		
Clear	B	3SB3111-2LA71		1	1 unit	41J		
Selector switches with 3 switch positions								
	Switching sequence I-O-II, 2 x 50° operating angle, latching 	Non-illuminated	Black	B	3SB3110-2DA11	1	1 unit	41J
			Red	B	3SB3110-2DA21	1	1 unit	41J
			Green	C	3SB3110-2DA41	1	1 unit	41J
			White	C	3SB3110-2DA61	1	1 unit	41J
			Illuminated (incl. holder for 3 elements)	Red	B	3SB3111-2DA21	1	1 unit
Yellow	B	3SB3111-2DA31		1	1 unit	41J		
Green	B	3SB3111-2DA41		1	1 unit	41J		
Blue	C	3SB3111-2DA51		1	1 unit	41J		
Clear	B	3SB3111-2DA71		1	1 unit	41J		
	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	Non-illuminated	Black	B	3SB3110-2EA11	1	1 unit	41J
			Red	B	3SB3110-2EA21	1	1 unit	41J
			Green	C	3SB3110-2EA41	1	1 unit	41J
			White	C	3SB3110-2EA61	1	1 unit	41J
			Illuminated (incl. holder for 3 elements)	Red	C	3SB3111-2EA21	1	1 unit
Yellow	C	3SB3111-2EA31		1	1 unit	41J		
Green	B	3SB3111-2EA41		1	1 unit	41J		
Blue	C	3SB3111-2EA51		1	1 unit	41J		
Clear	B	3SB3111-2EA71		1	1 unit	41J		
	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type to the left, latching to the right 	Non-illuminated	Black	B	3SB3110-2GA11	1	1 unit	41J
			Green	C	3SB3110-2GA41	1	1 unit	41J
			White	B	3SB3110-2GA61	1	1 unit	41J
	Switching sequence I-O-II, 2 x 50° operating angle, latching to the left, momentary contact type to the right 	Non-illuminated	Black	B	3SB3110-2FA11	1	1 unit	41J
			Red	C	3SB3110-2FA21	1	1 unit	41J
			Green	B	3SB3110-2FA41	1	1 unit	41J


 For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.









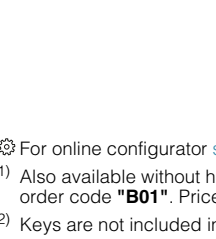



3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Square, 26 mm × 26 mm

Actuators and indicators

Version	Lock version			DT	Configurator 	PU (UNIT, SET, M)	PS*	PG
	Type	Lock No./color	Key removal position					

Key-operated switches with holder¹⁾

		Key-operated switches with 2 keys, 2 switch positions							
	Switching sequence O-I, 50° operating angle, latching 	RONIS	SB 30	O+I	B	3SB3110-4AD11	1	1 unit	41J
				O	B	3SB3110-4AD01	1	1 unit	41J
	Switching sequence O-I, 50° operating angle, momentary contact type 	CES	SSG 10	O+I	B	3SB3110-4LD11	1	1 unit	41J
				O	B	3SB3110-4LD01	1	1 unit	41J
				I	B	3SB3110-4LD21	1	1 unit	41J
			LSG 1	O+I	C	3SB3110-4LF01	1	1 unit	41J
				O	B	3SB3110-4LF11	1	1 unit	41J
		BKS	E2 for VW ²⁾	O	B	3SB3110-5AE31	1	1 unit	41J
	Switching sequence O-I, 50° operating angle, momentary contact type 		E7 for VW ²⁾	O+I	B	3SB3110-5AE41	1	1 unit	41J
				O	B	3SB3110-5AE51	1	1 unit	41J
			E9 for VW ²⁾	O	B	3SB3110-5AE71	1	1 unit	41J
		O.M.R. ³⁾	73037 Red	O	B	3SB3110-3AH01	1	1 unit	41J
	Switching sequence I-O-II, 2 x 50° operating angle, latching 	RONIS	SB 30	O	B	3SB3110-4BD01	1	1 unit	41J
		CES	SSG 10	O	B	3SB3110-4MD01	1	1 unit	41J
	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	RONIS	SB 30	I+O+II	B	3SB3110-4DD11	1	1 unit	41J
		CES	SSG 10	I+O+II	B	3SB3110-4PD11	1	1 unit	41J
				O	B	3SB3110-4PD01	1	1 unit	41J
	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 	RONIS	SB 30	O	B	3SB3110-4ED01	1	1 unit	41J
		CES	SSG 10	O	B	3SB3110-4QD01	1	1 unit	41J
	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	3SB3110-4SD01	1	1 unit	41J
	Switching sequence I-O-II, 2 x 50° operating angle, latching to the left, momentary contact type to the right 	CES	SSG 10	O+I	C	3SB3110-4RD51	1	1 unit	41J

 For online configurator see www.siemens.com/sirius/configurators

BKS and CES special locks see page 13/70.

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "**B01**". Price reduction on request.

²⁾ Keys are not included in scope of supply.

³⁾ According to FIAT standards; also available for other users.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Plastic, Square, 26 mm × 26 mm

Actuators and indicators

Version	Color of handle	Approval	DT	Configurator	Price per PU	PU (UNIT, SET, M)	PS*	PG
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EMERGENCY-STOP devices according to ISO 13850 and IEC 60947-5-5 with holder¹⁾²⁾, can also be used with safety relays³⁾



EMERGENCY-STOP mushroom pushbutton with rotate-to-unlatch mechanism

EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism

Red



B

3SB3110-1HA20

1

1 unit

41J



EMERGENCY-STOP mushroom pushbutton with RONIS key-operated switch

EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with RONIS key-operated switch (with 2 keys), lock No. SB 30, with positive latching according to ISO 13850, unlocking only possible using key

Red



B

3SB3110-1BA20

1

1 unit

41J



EMERGENCY-STOP mushroom pushbutton with CES key-operated switch

EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with CES key-operated switch (with 2 keys), lock No. SSG 10, with positive latching according to ISO 13850, unlocking only possible using key

Red



B

3SB3110-1KA20

1

1 unit

41J



EMERGENCY-STOP mushroom pushbutton with BKS key-operated switch

EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with BKS key-operated switch (with 2 keys), lock No. S1, with positive latching according to ISO 13850, unlocking only possible using key

Red



B

3SB3110-1LA20

1

1 unit

41J

EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with O.M.R. key-operated switch (with 2 keys), lock No. 73037 with positive latching according to ISO 13850, unlocking only using key

Red



B

3SB3110-1MA20

1

1 unit

41J

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Yellow backing plates must be ordered separately, see "Accessories" on page 13/85.

³⁾ Can be used with 3SK11 safety relays or the 3RK3 Modular Safety System; see Chapter 11, "Safety Technology".

BKS and CES special locks see page 13/70.

Version	Color of lens	DT	Configurator	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Signaling elements with holder¹⁾



Indicator lights

Indicator lights

Red
Yellow
Green
Blue
Clear
White

B 3SB3111-6AA20
B 3SB3111-6AA30
B 3SB3111-6AA40
B 3SB3111-6AA50
B 3SB3111-6AA70
B 3SB3111-6AA60

1
1
1
1
1
1

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

41J
41J
41J
41J
41J
41J

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Complete units

Selection and ordering data

The following applies to all complete units:

PU (UNIT) = 1
 PS* = 1 unit
 PG = 41J

Rated voltage of lamp	Color of handle	Contacts for front plate mounting ¹⁾	DT	Screw terminals	DT	Spring-type terminals	
V				Configurator		Configurator	
				Article No.	Price per PU	Article No.	Price per PU

Pushbuttons

Pushbuttons with flat button



Pushbutton with flat button

--	Black	1 NO	▶	3SB3602-0AA11	B	3SB3602-0AA11-0CC0
	Black	1 NC	B	3SB3603-0AA11	B	3SB3603-0AA11-0CC0
	Red	1 NC	▶	3SB3603-0AA21	B	3SB3603-0AA21-0CC0
	Yellow	1 NO	B	3SB3602-0AA31	C	3SB3602-0AA31-0CC0
	Green	1 NO	▶	3SB3602-0AA41	C	3SB3602-0AA41-0CC0
	Blue	1 NO	B	3SB3602-0AA51	C	3SB3602-0AA51-0CC0
	White	1 NO	▶	3SB3602-0AA61	C	3SB3602-0AA61-0CC0
	Black	1 NO + 1 NC	B	3SB3601-0AA11	B	3SB3601-0AA11-0CC0
	Red	1 NO + 1 NC	B	3SB3601-0AA21	B	3SB3601-0AA21-0CC0
	Yellow	1 NO + 1 NC	B	3SB3601-0AA31	C	3SB3601-0AA31-0CC0
	Green	1 NO + 1 NC	B	3SB3601-0AA41	C	3SB3601-0AA41-0CC0
	Blue	1 NO + 1 NC	B	3SB3601-0AA51	B	3SB3601-0AA51-0CC0
	White	1 NO + 1 NC	B	3SB3601-0AA61	B	3SB3601-0AA61-0CC0
	Clear	1 NO + 1 NC	B	3SB3601-0AA71	--	--

Illuminated pushbuttons with flat button

With integrated LED (incl. holder for 3 elements)



Illuminated pushbutton with flat button

24 AC/DC	Red ²⁾	1 NC	▶	3SB3646-0AA21	C	3SB3646-0AA21-0CC0
	Yellow ²⁾	1 NO	B	3SB3645-0AA31	B	3SB3645-0AA31-0CC0
	Green ²⁾	1 NO	▶	3SB3645-0AA41	B	3SB3645-0AA41-0CC0
	Blue ²⁾	1 NO	B	3SB3645-0AA51	C	3SB3645-0AA51-0CC0
	White	1 NO	B	3SB3645-0AA61	B	3SB3645-0AA61-0CC0
	Clear ²⁾	1 NO	▶	3SB3645-0AA71	C	3SB3645-0AA71-0CC0
	Red ²⁾	1 NO + 1 NC	B	3SB3647-0AA21	B	3SB3647-0AA21-0CC0
	Yellow ²⁾	1 NO + 1 NC	B	3SB3647-0AA31	C	3SB3647-0AA31-0CC0
	Green ²⁾	1 NO + 1 NC	B	3SB3647-0AA41	B	3SB3647-0AA41-0CC0
	Blue ²⁾	1 NO + 1 NC	B	3SB3647-0AA51	B	3SB3647-0AA51-0CC0
	White	1 NO + 1 NC	B	3SB3647-0AA61	B	3SB3647-0AA61-0CC0
	Clear ²⁾	1 NO + 1 NC	B	3SB3647-0AA71	C	3SB3647-0AA71-0CC0
110 AC	Red ²⁾	1 NC	B	3SB3650-0AA21	--	--
	Yellow ²⁾	1 NO	B	3SB3657-0AA31	--	--
	Green ²⁾	1 NO	B	3SB3657-0AA41	--	--
	Blue ²⁾	1 NO	B	3SB3657-0AA51	--	--
	White	1 NO	B	3SB3657-0AA61	--	--
	Clear ²⁾	1 NO	D	3SB3657-0AA71	--	--
	Red ²⁾	1 NO + 1 NC	B	3SB3651-0AA21	--	--
	Yellow ²⁾	1 NO + 1 NC	B	3SB3651-0AA31	--	--
	Green ²⁾	1 NO + 1 NC	B	3SB3651-0AA41	--	--
	Blue ²⁾	1 NO + 1 NC	D	3SB3651-0AA51	--	--
	White	1 NO + 1 NC	B	3SB3651-0AA61	--	--
	Clear ²⁾	1 NO + 1 NC	B	3SB3651-0AA71	--	--
230 AC	Red ²⁾	1 NC	▶	3SB3654-0AA21	C	3SB3654-0AA21-0CC0
	Yellow ²⁾	1 NO	B	3SB3653-0AA31	C	3SB3653-0AA31-0CC0
	Green ²⁾	1 NO	▶	3SB3653-0AA41	C	3SB3653-0AA41-0CC0
	Blue ²⁾	1 NO	D	3SB3653-0AA51	C	3SB3653-0AA51-0CC0
	White	1 NO	B	3SB3653-0AA61	C	3SB3653-0AA61-0CC0
	Clear ²⁾	1 NO	▶	3SB3653-0AA71	C	3SB3653-0AA71-0CC0
	Red ²⁾	1 NO + 1 NC	B	3SB3655-0AA21	C	3SB3655-0AA21-0CC0
	Yellow ²⁾	1 NO + 1 NC	B	3SB3655-0AA31	C	3SB3655-0AA31-0CC0
	Green ²⁾	1 NO + 1 NC	B	3SB3655-0AA41	C	3SB3655-0AA41-0CC0
	Blue ²⁾	1 NO + 1 NC	D	3SB3655-0AA51	C	3SB3655-0AA51-0CC0
	White	1 NO + 1 NC	B	3SB3655-0AA61	C	3SB3655-0AA61-0CC0
	Clear ²⁾	1 NO + 1 NC	B	3SB3655-0AA71	C	3SB3655-0AA71-0CC0

For online configurator see www.siemens.com/sirius/configurators

¹⁾ The inscription 1 NO + 1 NC means that a contact block with two contacts is used (3SB3400-0A or 3SB3403-0A).





²⁾ Inscription is possible by inserting a label.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Complete units

PU (UNIT) = 1
 PS* = 1 unit
 PG = 41J

Rated voltage of lamp	Color of handle	Contacts for front plate mounting ¹⁾	DT	Screw terminals 	DT	Spring-type terminals 	
				Configurator 		Configurator 	
				Article No.	Price per PU	Article No.	Price per PU

V

Pushbuttons



Illuminated pushbutton with flat button

Illuminated pushbuttons with flat button

With BA 9s lampholder, without lamp
 (incl. holder for 3 elements)

--	Red ²⁾	1 NC	B	3SB3607-0AA21	C	3SB3607-0AA21-0CC0
	Amber ²⁾	1 NO	D	3SB3606-0AA01	--	--
	Yellow ²⁾	1 NO	B	3SB3606-0AA31	B	3SB3606-0AA31-0CC0
	Green ²⁾	1 NO	B	3SB3606-0AA41	C	3SB3606-0AA41-0CC0
	Blue ²⁾	1 NO	B	3SB3606-0AA51	C	3SB3606-0AA51-0CC0
	White	1 NO	B	3SB3606-0AA61	B	3SB3606-0AA61-0CC0
	Clear ²⁾	1 NO	B	3SB3606-0AA71	C	3SB3606-0AA71-0CC0
	Red ²⁾	1 NO + 1 NC	B	3SB3605-0AA21	C	3SB3605-0AA21-0CC0
	Amber ²⁾	1 NO + 1 NC	B	3SB3605-0AA01	--	--
	Yellow ²⁾	1 NO + 1 NC	B	3SB3605-0AA31	C	3SB3605-0AA31-0CC0
	Green ²⁾	1 NO + 1 NC	B	3SB3605-0AA41	C	3SB3605-0AA41-0CC0
	Blue ²⁾	1 NO + 1 NC	B	3SB3605-0AA51	C	3SB3605-0AA51-0CC0
	White	1 NO + 1 NC	B	3SB3605-0AA61	C	3SB3605-0AA61-0CC0
	Clear ²⁾	1 NO + 1 NC	B	3SB3605-0AA71	C	3SB3605-0AA71-0CC0



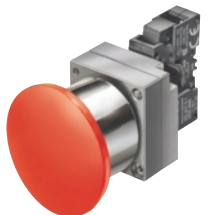
Illuminated pushbutton with flat button

Illuminated pushbuttons with flat solvent-resistant button³⁾, with integrated LED (incl. holder for 3 elements)

24 AC/DC

	Red ²⁾	1 NC	B	3SB3646-0AA21-0PA0	--	--
	Yellow ²⁾	1 NO	B	3SB3645-0AA31-0PA0	--	--
	Green ²⁾	1 NO	B	3SB3645-0AA41-0PA0	--	--
	Blue ²⁾	1 NO	B	3SB3645-0AA51-0PA0	--	--
	White	1 NO	B	3SB3645-0AA61-0PA0	--	--
	Clear ²⁾	1 NO	B	3SB3645-0AA71-0PA0	--	--
	Red ²⁾	1 NO + 1 NC	B	3SB3647-0AA21-0PA0	--	--
	Yellow ²⁾	1 NO + 1 NC	B	3SB3647-0AA31-0PA0	--	--
	Green ²⁾	1 NO + 1 NC	B	3SB3647-0AA41-0PA0	--	--
	Blue ²⁾	1 NO + 1 NC	B	3SB3647-0AA51-0PA0	--	--
	White	1 NO + 1 NC	B	3SB3647-0AA61-0PA0	--	--
	Clear ²⁾	1 NO + 1 NC	B	3SB3647-0AA71-0PA0	--	--

Mushroom pushbuttons



Mushroom push-pull button

Mushroom push-pull buttons, Ø 40 mm, latching with pull-to-unlatch mechanism

--	Red	1 NC	B	3SB3603-1CA21	B	3SB3603-1CA21-0CC0
		1 NO + 1 NC	B	3SB3601-1CA21	C	3SB3601-1CA21-0CC0

 For online configurator see www.siemens.com/sirius/configurators

¹⁾ The inscription 1 NO + 1 NC means that a contact block with two contacts is used (3SB3400-0A or 3SB3403-0A).

²⁾ Inscription is possible by inserting a label.

³⁾ Not suitable for laser inscription.

3SB3 Pushbuttons and Indicator Lights, 22 mm

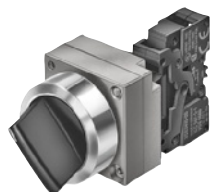
Actuators and Indicators, Metal, Round, 22 mm

Complete units

PU (UNIT) = 1
 PS* = 1 unit
 PG = 41J

Version	Color of handle/ Lock No.	Contacts for front plate mounting ¹⁾	DT	Screw terminals	DT	Spring-type terminals	
				Article No.	Price per PU	Article No.	Price per PU

Selector switches



Selector switches

Selector switches, 2 switch positions

Switching sequence O-I, 50° operating angle

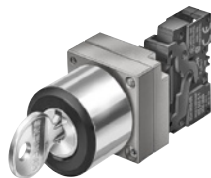
Latching	Color	Contacts	DT	DT	DT	
	Black	1 NO	▶	3SB3602-2KA11	B	3SB3602-2KA11-0CC0
	Standard	1 NO + 1 NC	B	3SB3601-2KA11	B	3SB3601-2KA11-0CC0
	Heavy duty	1 NO	D	3SB3602-2PA11	--	--
		1 NO + 1 NC	D	3SB3601-2PA11	--	--

Selector switches, 3 switch positions

Switching sequence I-O-II,
2 x 50° operating angle

Latching	Color	Contacts	DT	DT	DT		
	Black	1 NO, 1 NO	▶	3SB3610-2DA11	B	3SB3610-2DA11-0CC0	
		1 NO + 1 NC, 1 NO + 1 NC	▶	3SB3608-2DA11	C	3SB3608-2DA11-0CC0	
		Heavy duty	1 NO, 1 NO	D	3SB3610-2SA11	--	--
	Black	1 NO + 1 NC, 1 NO + 1 NC	D	3SB3608-2SA11	--	--	
		Momentary contact type	1 NO, 1 NO	▶	3SB3610-2EA11	C	3SB3610-2EA11-0CC0
			1 NO + 1 NC, 1 NO + 1 NC	B	3SB3608-2EA11	C	3SB3608-2EA11-0CC0
	Heavy duty	1 NO, 1 NO	D	3SB3610-2TA11	--	--	
		1 NO + 1 NC, 1 NO + 1 NC	D	3SB3608-2TA11	--	--	

Key-operated switches



RONIS key-operated switch

RONIS key-operated switches, 2 switch positions

With 2 keys, removal position O + I,
switching sequence O-I, 50° operating angle

Latching	Color	Contacts	DT	DT	DT	
	SB 30	1 NO	▶	3SB3602-4AD11	C	3SB3602-4AD11-0CC0
		1 NO + 1 NC	B	3SB3601-4AD11	C	3SB3601-4AD11-0CC0

For online configurator see www.siemens.com/sirius/configurators

¹⁾ The inscription 1 NO + 1 NC means that a contact block with two contacts is used (3SB3400-0A or 3SB3403-0A).

3SB3 Pushbuttons and Indicator Lights, 22 mm

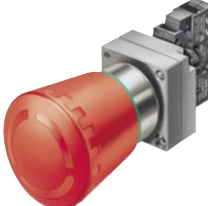
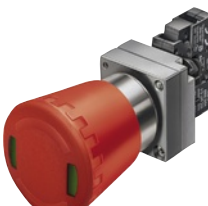
Actuators and Indicators, Metal, Round, 22 mm

Complete units

PU (UNIT) = 1
 PS* = 1 unit
 PG = 41J

Color of handle	Contacts for front plate mounting ¹⁾	DT	Screw terminals	DT	Spring-type terminals	
			Configurator		Configurator	
			Article No.	Price per PU	Article No.	Price per PU

EMERGENCY-STOP devices according to ISO 13850 and IEC 60947-5-5, with holder and yellow name plate, Ø 80 mm, with inscription

 <p>EMERGENCY-STOP mushroom pushbutton with rotate-to-unlatch mechanism</p>	EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching function, with rotate-to-unlatch mechanism					
	<ul style="list-style-type: none"> German inscription "NOT-HALT" 					
	Red	1 NC	⊕	▶	3SB3603-1HA20	B 3SB3603-1HA20-0CC0
		1 NC with installation monitoring	⊕	B	3SB3666-1HA20	--
		1 NO + 1 NC	⊕	B	3SB3601-1HA20	B 3SB3601-1HA20-0CC0
		1 NC, 1 NC	⊕		--	B 3SB3611-1HA20-0CC0
	<ul style="list-style-type: none"> English inscription "EMERGENCY STOP" 					
	Red	1 NC	⊕	B	3SB3603-1HR20	--
		1 NC with installation monitoring	⊕	B	3SB3666-1HR20	--
		1 NO + 1 NC	⊕	B	3SB3601-1HR20	--
<ul style="list-style-type: none"> French inscription "ARRET D'URGENCE" 						
Red	1 NC	⊕	B	3SB3603-1HP20	--	
	1 NO + 1 NC	⊕	B	3SB3601-1HP20	--	
 <p>EMERGENCY-STOP mushroom pushbuttons with rotate-to-unlatch mechanism and switch position indicator</p>	With rotate-to-unlatch mechanism and mechanical switch position indicator					
	<ul style="list-style-type: none"> German inscription "NOT-HALT" 					
	Red	1 NC	⊕	C	3SB3603-1HA26	B 3SB3603-1HA26-0CC0
		1 NC with installation monitoring	⊕	B	3SB3666-1HA26	--
		1 NO + 1 NC	⊕	B	3SB3601-1HA26	B 3SB3601-1HA26-0CC0
	<ul style="list-style-type: none"> English inscription "EMERGENCY STOP" 					
	Red	1 NC	⊕	B	3SB3603-1HR26	--
		1 NC with installation monitoring	⊕	B	3SB3666-1HR26	--
		1 NO + 1 NC	⊕	B	3SB3601-1HR26	--
	With pull-to-unlatch mechanism, solvent-resistant					
<ul style="list-style-type: none"> German inscription "NOT-HALT" 						
Red	1 NC	⊕	B	3SB3603-1TA20	B 3SB3603-1TA20-0CC0	
	1 NO + 1 NC	⊕	B	3SB3601-1TA20	B 3SB3601-1TA20-0CC0	
	1 NC, 1 NC	⊕		--	B 3SB3611-1TA20-0CC0	
<ul style="list-style-type: none"> English inscription "EMERGENCY STOP" 						
Red	1 NC	⊕	B	3SB3603-1TR20	--	
	1 NO + 1 NC	⊕	B	3SB3601-1TR20	--	
<ul style="list-style-type: none"> French inscription "ARRET D'URGENCE" 						
Red	1 NC	⊕	B	3SB3603-1TP20	--	
	1 NO + 1 NC	⊕	B	3SB3601-1TP20	--	

For online configurator see www.siemens.com/sirius/configurators

⊕ Positive opening according to IEC 60947-5-1, Appendix K.
 Can be used with 3SK11 safety relays or the 3RK3 Modular Safety System; see Chapter 11, "Safety Technology".
 Certificate:



¹⁾ Meaning of the inscription:

1 NO + 1 NC : One contact block is delivered with two contacts (3SB3400-0A or 3SB3403-0A).

1 NC, 1 NC: Two contact blocks are delivered with one contact each (2 x 3SB3403-0C).

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Complete units

PU (UNIT) = 1
 PS* = 1 unit
 PG = 41J

Rated voltage of lamp	Color of lens	DT	Screw terminals	DT	Spring-type terminals
			Configurator		Configurator
V			Article No.	Price per PU	Article No.
					Price per PU

Indicator lights



Indicator lights

Indicator lights with lens with concentric rings¹⁾ with integrated LED

24 AC/DC

Red ▶ 3SB3644-6BA20
 Yellow B 3SB3644-6BA30
 Green ▶ 3SB3644-6BA40
 Blue B 3SB3644-6BA50
 White B 3SB3644-6BA60
 Clear ▶ 3SB3644-6BA70

B 3SB3644-6BA20-0CC0
 B 3SB3644-6BA30-0CC0
 B 3SB3644-6BA40-0CC0
 B 3SB3644-6BA50-0CC0
 B 3SB3644-6BA60-0CC0
 B 3SB3644-6BA70-0CC0

110 AC

Red B 3SB3648-6BA20
 Yellow B 3SB3648-6BA30
 Green B 3SB3648-6BA40
 Blue B 3SB3648-6BA50
 White B 3SB3648-6BA60
 Clear B 3SB3648-6BA70

B 3SB3648-6BA20-0CC0
 C 3SB3648-6BA30-0CC0
 B 3SB3648-6BA40-0CC0
 C 3SB3648-6BA50-0CC0
 B 3SB3648-6BA60-0CC0
 B 3SB3648-6BA70-0CC0

230 AC

Red ▶ 3SB3652-6BA20
 Yellow B 3SB3652-6BA30
 Green ▶ 3SB3652-6BA40
 Blue B 3SB3652-6BA50
 White B 3SB3652-6BA60
 Clear ▶ 3SB3652-6BA70

C 3SB3652-6BA20-0CC0
 C 3SB3652-6BA30-0CC0
 C 3SB3652-6BA40-0CC0
 C 3SB3652-6BA50-0CC0
 C 3SB3652-6BA60-0CC0
 C 3SB3652-6BA70-0CC0

With BA 9s lampholder, without lamp

--

Red B 3SB3604-6BA20
 Yellow B 3SB3604-6BA30
 Green B 3SB3604-6BA40
 Blue B 3SB3604-6BA50
 White B 3SB3604-6BA60
 Clear B 3SB3604-6BA70

B 3SB3604-6BA20-0CC0
 C 3SB3604-6BA30-0CC0
 B 3SB3604-6BA40-0CC0
 C 3SB3604-6BA50-0CC0
 B 3SB3604-6BA60-0CC0
 C 3SB3604-6BA70-0CC0

For online configurator see www.siemens.com/sirius/configurators








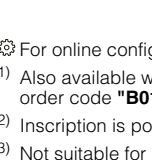
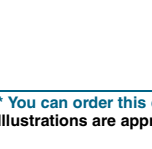
¹⁾ Inscription by inserting a label is not possible.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Selection and ordering data

Version	Inscriptions	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		
Pushbuttons with holder¹⁾							
	Pushbuttons with flat button	Black	▶	3SB3500-0AA11		1	1 unit
		Red	▶	3SB3500-0AA21		1	1 unit
		Yellow	B	3SB3500-0AA31		1	1 unit
		Green	▶	3SB3500-0AA41		1	1 unit
		Blue	B	3SB3500-0AA51		1	1 unit
		White	▶	3SB3500-0AA61		1	1 unit
		Gray	▶	3SB3500-0AB51		1	1 unit
		Clear ²⁾	B	3SB3500-0AA71		1	1 unit
	Pushbuttons with flat solvent-resistant button³⁾	Black	▶	3SB3500-0AA81		1	1 unit
		Red	B	3SB3500-0AB01		1	1 unit
		White	B	3SB3500-0AB11		1	1 unit
		Black	B	3SB3500-0AB21		1	1 unit
	Pushbuttons with raised button	Blue	D	3SB3500-0AC81		1	1 unit
		Black	▶	3SB3500-0AA11		1	1 unit
		Red	B	3SB3500-0AA21-0PA0		1	1 unit
		Yellow	B	3SB3500-0AA31-0PA0		1	1 unit
	Pushbuttons with raised button	Green	B	3SB3500-0AA41-0PA0		1	1 unit
		Blue	B	3SB3500-0AA51-0PA0		1	1 unit
		White	C	3SB3500-0AA61-0PA0		1	1 unit
		White	C	3SB3500-0AA61-0PA0		1	1 unit
	Pushbuttons with raised front ring (height 15.5 mm)	Black	B	3SB3500-0BA11		1	1 unit
		Red	B	3SB3500-0BA21		1	1 unit
		Yellow	B	3SB3500-0BA31		1	1 unit
		Green	B	3SB3500-0BA41		1	1 unit
		Blue	B	3SB3500-0BA51		1	1 unit
		White	B	3SB3500-0BA61		1	1 unit
	Illuminated pushbuttons with flat button (incl. holder for 3 elements)	Black	B	3SB3500-0AA12		1	1 unit
		Red	B	3SB3500-0AA22		1	1 unit
		Yellow	B	3SB3500-0AA32		1	1 unit
		Green	B	3SB3500-0AA42		1	1 unit
		Blue	B	3SB3500-0AA52		1	1 unit
		White	B	3SB3500-0AA62		1	1 unit
		Amber ²⁾	B	3SB3501-0AA01		1	1 unit
		Red ²⁾	▶	3SB3501-0AA21		1	1 unit
Yellow ²⁾	▶	3SB3501-0AA31		1	1 unit		
Green ²⁾	▶	3SB3501-0AA41		1	1 unit		
Blue ²⁾	B	3SB3501-0AA51		1	1 unit		
White	B	3SB3501-0AA61		1	1 unit		
Clear ²⁾	▶	3SB3501-0AA71		1	1 unit		
	Illuminated pushbuttons with flat solvent-resistant button³⁾ (incl. holder for 3 elements)	Red ²⁾	B	3SB3501-0AA21-0PA0		1	1 unit
		Yellow ²⁾	B	3SB3501-0AA31-0PA0		1	1 unit
		Green ²⁾	B	3SB3501-0AA41-0PA0		1	1 unit
		Blue ²⁾	B	3SB3501-0AA51-0PA0		1	1 unit
		White	B	3SB3501-0AA61-0PA0		1	1 unit
		Clear ²⁾	B	3SB3501-0AA71-0PA0		1	1 unit
	Illuminated pushbuttons with raised button (incl. holder for 3 elements)	Amber	D	3SB3501-0BA01		1	1 unit
		Red	B	3SB3501-0BA21		1	1 unit
		Yellow	B	3SB3501-0BA31		1	1 unit
		Green	B	3SB3501-0BA41		1	1 unit
		Blue	B	3SB3501-0BA51		1	1 unit
		Clear	B	3SB3501-0BA71		1	1 unit
	Pushbuttons with flat button, latching, unlatches by pressing again	Black	B	3SB3500-0DA11		1	1 unit
		Red	B	3SB3500-0DA21		1	1 unit
		Yellow	B	3SB3500-0DA31		1	1 unit
		Green	B	3SB3500-0DA41		1	1 unit
		Blue	B	3SB3500-0DA51		1	1 unit
		White	B	3SB3500-0DA61		1	1 unit
		Gray	D	3SB3500-0DB51		1	1 unit
		Amber ²⁾	D	3SB3501-0DA01		1	1 unit
Red ²⁾	B	3SB3501-0DA21		1	1 unit		
Yellow ²⁾	B	3SB3501-0DA31		1	1 unit		
Green ²⁾	B	3SB3501-0DA41		1	1 unit		
Blue ²⁾	B	3SB3501-0DA51		1	1 unit		
White	B	3SB3501-0DA61		1	1 unit		
Clear ²⁾	B	3SB3501-0DA71		1	1 unit		

⚙️ For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.








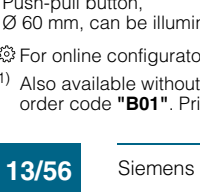



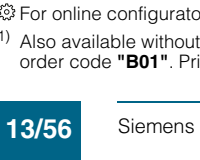
²⁾ Inscription is possible by inserting a label.

³⁾ Not suitable for laser inscription.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Version	Color of handle	DT	Configurator 	PU (UNIT, SET, M)	PS*	PG
Mushroom pushbuttons with holder¹⁾						
	Mushroom pushbuttons, Ø 30 mm		Black	B	3SB3500-1DA11	1 1 unit 41J
			Red	B	3SB3500-1DA21	1 1 unit 41J
			Yellow	B	3SB3500-1DA31	1 1 unit 41J
			Green	B	3SB3500-1DA41	1 1 unit 41J
	Mushroom pushbuttons, Ø 40 mm		Black	B	3SB3500-1GA11	1 1 unit 41J
			Red	B	3SB3500-1GA21	1 1 unit 41J
			Yellow	B	3SB3500-1GA31	1 1 unit 41J
			Green	B	3SB3500-1GA41	1 1 unit 41J
	Mushroom pushbuttons, Ø 60 mm		Black	B	3SB3500-1QA11	1 1 unit 41J
			Red	B	3SB3500-1QA21	1 1 unit 41J
			Yellow	B	3SB3500-1QA31	1 1 unit 41J
			Green	B	3SB3500-1QA41	1 1 unit 41J
	Illuminated mushroom pushbuttons, Ø 30 mm (incl. holder for 3 elements)		Amber	B	3SB3501-1DA01	1 1 unit 41J
			Yellow	B	3SB3501-1DA31	1 1 unit 41J
			Green	B	3SB3501-1DA41	1 1 unit 41J
			White	B	3SB3501-1DA61	1 1 unit 41J
	Illuminated mushroom pushbuttons, Ø 40 mm (incl. holder for 3 elements)		Amber	B	3SB3501-1GA01	1 1 unit 41J
			Yellow	B	3SB3501-1GA31	1 1 unit 41J
			Green	B	3SB3501-1GA41	1 1 unit 41J
			White	B	3SB3501-1GA61	1 1 unit 41J
	Illuminated mushroom pushbuttons, Ø 60 mm (incl. holder for 3 elements)		Amber	B	3SB3501-1QA01	1 1 unit 41J
			Yellow	B	3SB3501-1QA31	1 1 unit 41J
			Green	B	3SB3501-1QA41	1 1 unit 41J
			White	B	3SB3501-1QA61	1 1 unit 41J
	Push-pull buttons, Ø 30 mm, latching, pull to unlatch		Black	B	3SB3500-1EA11	1 1 unit 41J
			Red	B	3SB3500-1EA21	1 1 unit 41J
	Push-pull buttons, Ø 40 mm, latching, pull to unlatch		Black	B	3SB3500-1CA11	1 1 unit 41J
			Red	B	3SB3500-1CA21	1 1 unit 41J
			Yellow	B	3SB3500-1CA31	1 1 unit 41J
			Green	C	3SB3500-1CA41	1 1 unit 41J
	Push-pull buttons, Ø 60 mm, latching, pull to unlatch		Black	B	3SB3500-1RA11	1 1 unit 41J
			Red	B	3SB3500-1RA21	1 1 unit 41J
	Push-pull buttons, Ø 30 mm, latching, pull to unlatch, can be illuminated, (incl. holder for 3 elements)		Amber	B	3SB3501-1EA01	1 1 unit 41J
			Red	B	3SB3501-1EA21	1 1 unit 41J
			Yellow	B	3SB3501-1EA31	1 1 unit 41J
			Green	B	3SB3501-1EA41	1 1 unit 41J
			Blue	B	3SB3501-1EA51	1 1 unit 41J
			Clear	B	3SB3501-1EA71	1 1 unit 41J
	Push-pull buttons, Ø 40 mm, latching, pull to unlatch, can be illuminated, (incl. holder for 3 elements)		Amber	C	3SB3501-1CA01	1 1 unit 41J
			Red	B	3SB3501-1CA21	1 1 unit 41J
			Yellow	B	3SB3501-1CA31	1 1 unit 41J
			Green	B	3SB3501-1CA41	1 1 unit 41J
			Blue	B	3SB3501-1CA51	1 1 unit 41J
			Clear	B	3SB3501-1CA71	1 1 unit 41J
	Push-pull buttons, Ø 60 mm, latching, pull to unlatch, can be illuminated, (incl. holder for 3 elements)		Amber	C	3SB3501-1RA01	1 1 unit 41J
			Red	B	3SB3501-1RA21	1 1 unit 41J
			Yellow	B	3SB3501-1RA31	1 1 unit 41J
			Green	C	3SB3501-1RA41	1 1 unit 41J
			Blue	C	3SB3501-1RA51	1 1 unit 41J
			Clear	D	3SB3501-1RA71	1 1 unit 41J

 For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.









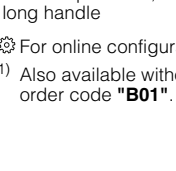



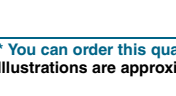

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Version	Version Illumination	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		

Selector switches with holders

Selector switches with 2 switch positions		Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
 <p>Selector switch, 2 switch positions, standard version, 90°</p>	Non-illuminated, standard version¹⁾ Switching sequence O-I, 90° operating angle, latching 	Black	▶	3SB3500-2HA11	1	1 unit	41J
		Red	A	3SB3500-2HA21	1	1 unit	41J
		Green	B	3SB3500-2HA41	1	1 unit	41J
		White	B	3SB3500-2HA61	1	1 unit	41J
 <p>Selector switch, 2 switch positions, standard version, 90°</p>	Non-illuminated, with solvent-resistant knob¹⁾ Switching sequence O-I, 90° operating angle, latching 	Black	B	3SB3500-2HA11-0PA0	1	1 unit	41J
		Red	B	3SB3500-2HA21-0PA0	1	1 unit	41J
		Green	B	3SB3500-2HA41-0PA0	1	1 unit	41J
 <p>Selector switch, 2 switch positions, standard version, 50°</p>	Non-illuminated, standard version¹⁾ Switching sequence O-I, 50° operating angle, latching 	Amber	C	3SB3501-2HA01	1	1 unit	41J
		Red	C	3SB3501-2HA21	1	1 unit	41J
		Yellow	C	3SB3501-2HA31	1	1 unit	41J
		Green	C	3SB3501-2HA41	1	1 unit	41J
		Blue	C	3SB3501-2HA51	1	1 unit	41J
		Clear	B	3SB3501-2HA71	1	1 unit	41J
		 <p>Selector switch, 2 switch positions, standard version, 50°</p>	Non-illuminated, with solvent-resistant knob¹⁾ Switching sequence O-I, 50° operating angle, latching 	Black	B	3SB3500-2KA11-0PA0	1
Red	D			3SB3500-2KA21-0PA0	1	1 unit	41J
Green	B			3SB3500-2KA41-0PA0	1	1 unit	41J
 <p>Selector switch, 2 switch positions, heavy-duty version</p>	Non-illuminated, heavy-duty version Switching sequence O-I, 90° operating angle, latching 	Amber	D	3SB3501-2KA01	1	1 unit	41J
		Red	B	3SB3501-2KA21	1	1 unit	41J
		Yellow	B	3SB3501-2KA31	1	1 unit	41J
		Green	B	3SB3501-2KA41	1	1 unit	41J
		Blue	B	3SB3501-2KA51	1	1 unit	41J
		Clear	B	3SB3501-2KA71	1	1 unit	41J
		 <p>Selector switch, 2 switch positions, long handle</p>	Non-illuminated, with solvent-resistant knob¹⁾ Switching sequence O-I, 90° operating angle, latching 	Red	D	3SB3501-2KA21-0PA0	1
Green	D			3SB3501-2KA41-0PA0	1	1 unit	41J
Blue	D			3SB3501-2KA51-0PA0	1	1 unit	41J
 <p>Selector switch, 2 switch positions, long handle</p>	Non-illuminated, heavy-duty version Switching sequence O-I, 90° operating angle, latching 	Clear	D	3SB3501-2KA71-0PA0	1	1 unit	41J
		Black	C	3SB3500-2PA11	1	1 unit	41J
		Red	D	3SB3500-2PA21	1	1 unit	41J
		Green	D	3SB3500-2PA41	1	1 unit	41J
		White	D	3SB3500-2PA61	1	1 unit	41J
		Amber	D	3SB3501-2PA01	1	1 unit	41J
		Red	D	3SB3501-2PA21	1	1 unit	41J
Yellow	D	3SB3501-2PA31	1	1 unit	41J		
Green	D	3SB3501-2PA41	1	1 unit	41J		
Blue	D	3SB3501-2PA51	1	1 unit	41J		
Clear	D	3SB3501-2PA71	1	1 unit	41J		
<p>Selector switch, 2 switch positions, long handle</p>	Non-illuminated, long handle Switching sequence O-I, 90° operating angle, latching 	Black	D	3SB3500-3PA11	1	1 unit	41J
		Red	D	3SB3500-3PA21	1	1 unit	41J
		Green	D	3SB3500-3PA41	1	1 unit	41J
		White	D	3SB3500-3PA61	1	1 unit	41J
<p>Selector switch, 2 switch positions, long handle</p>	Non-illuminated, long handle, with solvent-resistant knob¹⁾ Switching sequence O-I, 90° operating angle, latching 	Red	D	3SB3501-3PA21	1	1 unit	41J
		Yellow	D	3SB3501-3PA31	1	1 unit	41J
		Green	D	3SB3501-3PA41	1	1 unit	41J
		Blue	D	3SB3501-3PA51	1	1 unit	41J
<p>Selector switch, 2 switch positions, long handle</p>	Non-illuminated, long handle, with solvent-resistant knob¹⁾ Switching sequence O-I, 90° operating angle, latching 	Clear	D	3SB3501-3PA71	1	1 unit	41J


For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

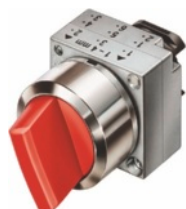
3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Version	Version Illumination	Color of handle	DT	Configurator		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			

Selector switches with holders



Selector switch, 2 switch positions, standard version



Selector switch, 2 switch positions, heavy-duty version




Selector switch, 2 switch positions, long handle

Selector switches with 2 switch positions

Switching sequence O-I, 50° operating angle, momentary contact type



Version	Version Illumination	Color of handle	DT	Configurator		PU (UNIT, SET, M)	PS*	PG	
				Article No.	Price per PU				
Non-illuminated, standard version¹⁾	Black	▶	B	3SB3500-2LA11		1	1 unit	41J	
	Red	▶	B	3SB3500-2LA21		1	1 unit	41J	
	Green	▶	B	3SB3500-2LA41		1	1 unit	41J	
	White	▶	B	3SB3500-2LA61		1	1 unit	41J	
	Non-illuminated, with solvent-resistant knob¹⁾	Black	▶	B	3SB3500-2LA11-0PA0		1	1 unit	41J
		Red	▶	B	3SB3500-2LA21-0PA0		1	1 unit	41J
		Green	▶	B	3SB3500-2LA41-0PA0		1	1 unit	41J
	Illuminated, standard version¹⁾, (incl. holder for 3 elements)	Amber	▶	D	3SB3501-2LA01		1	1 unit	41J
		Red	▶	D	3SB3501-2LA21		1	1 unit	41J
		Yellow	▶	B	3SB3501-2LA31		1	1 unit	41J
		Green	▶	B	3SB3501-2LA41		1	1 unit	41J
		Blue	▶	B	3SB3501-2LA51		1	1 unit	41J
Clear		▶	B	3SB3501-2LA71		1	1 unit	41J	
Illuminated, with solvent-resistant knob¹⁾ (incl. holder for 3 elements)	Red	▶	D	3SB3501-2LA21-0PA0		1	1 unit	41J	
	Green	▶	D	3SB3501-2LA41-0PA0		1	1 unit	41J	
	Blue	▶	D	3SB3501-2LA51-0PA0		1	1 unit	41J	
	Clear	▶	B	3SB3501-2LA71-0PA0		1	1 unit	41J	
Non-illuminated, heavy-duty version	Black	▶	D	3SB3500-2QA11		1	1 unit	41J	
	Red	▶	D	3SB3500-2QA21		1	1 unit	41J	
	Green	▶	D	3SB3500-2QA41		1	1 unit	41J	
	White	▶	D	3SB3500-2QA61		1	1 unit	41J	
Illuminated, heavy-duty version, (incl. holder for 3 elements)	Amber	▶	D	3SB3501-2QA01		1	1 unit	41J	
	Red	▶	D	3SB3501-2QA21		1	1 unit	41J	
	Yellow	▶	D	3SB3501-2QA31		1	1 unit	41J	
	Green	▶	D	3SB3501-2QA41		1	1 unit	41J	
	Blue	▶	D	3SB3501-2QA51		1	1 unit	41J	
	Clear	▶	D	3SB3501-2QA71		1	1 unit	41J	
Non-illuminated, long handle	Black	▶	D	3SB3500-3QA11		1	1 unit	41J	
	Red	▶	D	3SB3500-3QA21		1	1 unit	41J	
	Green	▶	D	3SB3500-3QA41		1	1 unit	41J	
Illuminated, long handle, (incl. holder for 3 elements)	Red	▶	D	3SB3501-3QA21		1	1 unit	41J	
	Yellow	▶	D	3SB3501-3QA31		1	1 unit	41J	
	Green	▶	D	3SB3501-3QA41		1	1 unit	41J	
	Blue	▶	D	3SB3501-3QA51		1	1 unit	41J	
	Clear	▶	D	3SB3501-3QA71		1	1 unit	41J	






 For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Version	Version Illumination	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG			
				Article No.	Price per PU					
Selector switches with holders										
Selector switches with 3 switch positions										
 <p>Selector switch, 3 switch positions, standard version</p>  <p>Selector switch, 3 switch positions, heavy-duty version</p>  <p>Selector switch, 3 switch positions, long handle</p>	Switching sequence I-O-II, 2 x 50° operating angle, latching 	Non-illuminated, standard version¹⁾		Black ▶	3SB3500-2DA11	1	1 unit	41J		
				Red	B	3SB3500-2DA21	1	1 unit	41J	
				Green	B	3SB3500-2DA41	1	1 unit	41J	
				White	B	3SB3500-2DA61	1	1 unit	41J	
				Non-illuminated, with solvent-resistant knob¹⁾		Black	3SB3500-2DA11-0PA0	1	1 unit	41J
				Red	C	3SB3500-2DA21-0PA0	1	1 unit	41J	
				Green	B	3SB3500-2DA41-0PA0	1	1 unit	41J	
				Illuminated, standard version¹⁾ (incl. holder for 3 elements)		Amber	3SB3501-2DA01	1	1 unit	41J
				Red	B	3SB3501-2DA21	1	1 unit	41J	
				Yellow	B	3SB3501-2DA31	1	1 unit	41J	
				Green	B	3SB3501-2DA41	1	1 unit	41J	
				Blue	B	3SB3501-2DA51	1	1 unit	41J	
		Clear	B	3SB3501-2DA71	1	1 unit	41J			
		Illuminated, with solvent-resistant knob¹⁾ (incl. holder for 3 elements)		Red	3SB3501-2DA21-0PA0	1	1 unit	41J		
		Green	D	3SB3501-2DA41-0PA0	1	1 unit	41J			
		Blue	B	3SB3501-2DA51-0PA0	1	1 unit	41J			
		Clear	D	3SB3501-2DA71-0PA0	1	1 unit	41J			
		Non-illuminated, heavy-duty version		Black	3SB3500-2SA11	1	1 unit	41J		
		Red	D	3SB3500-2SA21	1	1 unit	41J			
		Green	D	3SB3500-2SA41	1	1 unit	41J			
		White	D	3SB3500-2SA61	1	1 unit	41J			
		Illuminated, heavy-duty version, (incl. holder for 3 elements)		Amber	3SB3501-2SA01	1	1 unit	41J		
		Red	D	3SB3501-2SA21	1	1 unit	41J			
		Yellow	D	3SB3501-2SA31	1	1 unit	41J			
		Green	D	3SB3501-2SA41	1	1 unit	41J			
		Blue	D	3SB3501-2SA51	1	1 unit	41J			
		Clear	D	3SB3501-2SA71	1	1 unit	41J			
		Non-illuminated, long handle		Black	3SB3500-3SA11	1	1 unit	41J		
		Red	D	3SB3500-3SA21	1	1 unit	41J			
		Green	D	3SB3500-3SA41	1	1 unit	41J			
		White	D	3SB3500-3SA61	1	1 unit	41J			
		Illuminated, long handle, (incl. holder for 3 elements)		Red	3SB3501-3SA21	1	1 unit	41J		
		Yellow	D	3SB3501-3SA31	1	1 unit	41J			
		Green	D	3SB3501-3SA41	1	1 unit	41J			
		Blue	D	3SB3501-3SA51	1	1 unit	41J			
		Clear	D	3SB3501-3SA71	1	1 unit	41J			
		Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type 		Non-illuminated, standard version¹⁾		Black ▶	3SB3500-2EA11	1	1 unit	41J
				Red	B	3SB3500-2EA21	1	1 unit	41J	
				Green	B	3SB3500-2EA41	1	1 unit	41J	
				White	B	3SB3500-2EA61	1	1 unit	41J	
				Non-illuminated, with solvent-resistant knob¹⁾		Black	3SB3500-2EA11-0PA0	1	1 unit	41J
				Red	B	3SB3500-2EA21-0PA0	1	1 unit	41J	
				Green	B	3SB3500-2EA41-0PA0	1	1 unit	41J	
				Illuminated, standard version¹⁾, (incl. holder for 3 elements)		Amber	3SB3501-2EA01	1	1 unit	41J
				Red	B	3SB3501-2EA21	1	1 unit	41J	
				Yellow	B	3SB3501-2EA31	1	1 unit	41J	
				Green	B	3SB3501-2EA41	1	1 unit	41J	
				Blue	B	3SB3501-2EA51	1	1 unit	41J	
				Clear	B	3SB3501-2EA71	1	1 unit	41J	
				Illuminated, with solvent-resistant knob¹⁾ (incl. holder for 3 elements)		Red	3SB3501-2EA21-0PA0	1	1 unit	41J
				Green	B	3SB3501-2EA41-0PA0	1	1 unit	41J	
				Blue	B	3SB3501-2EA51-0PA0	1	1 unit	41J	
				Clear	D	3SB3501-2EA71-0PA0	1	1 unit	41J	




For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Version	Version Illumination	Color of handle	DT	Configurator	PU (UNIT, SET, M)	PS*	PG	
				Article No.	Price per PU			
Selector switches with holders								
 <p>Selector switch, 3 switch positions, standard version</p>	Selector switches with 3 switch positions							
	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type	Non-illuminated, heavy-duty version	Black	C	3SB3500-2TA11	1	1 unit	41J
			Red	D	3SB3500-2TA21	1	1 unit	41J
			Green	D	3SB3500-2TA41	1	1 unit	41J
			White	D	3SB3500-2TA61	1	1 unit	41J
		Illuminated, heavy-duty version, (incl. holder for 3 elements)	Amber	D	3SB3501-2TA01	1	1 unit	41J
			Red	D	3SB3501-2TA21	1	1 unit	41J
			Yellow	D	3SB3501-2TA31	1	1 unit	41J
			Green	D	3SB3501-2TA41	1	1 unit	41J
			Blue	D	3SB3501-2TA51	1	1 unit	41J
			Clear	D	3SB3501-2TA71	1	1 unit	41J
		Non-illuminated, long handle	Black	D	3SB3500-3TA11	1	1 unit	41J
			Red	D	3SB3500-3TA21	1	1 unit	41J
Green			D	3SB3500-3TA41	1	1 unit	41J	
White			D	3SB3500-3TA61	1	1 unit	41J	
	Illuminated, long handle, (incl. holder for 3 elements)	Red	D	3SB3501-3TA21	1	1 unit	41J	
		Yellow	D	3SB3501-3TA31	1	1 unit	41J	
		Green	D	3SB3501-3TA41	1	1 unit	41J	
		Blue	D	3SB3501-3TA51	1	1 unit	41J	
		Clear	D	3SB3501-3TA71	1	1 unit	41J	
		 <p>Selector switch, 3 switch positions, heavy-duty version</p>	Switching sequence I-O-II, 2 x 50° operating angle, momentary contact type to the left, latching to the right	Non-illuminated, standard version¹⁾	Black	B	3SB3500-2GA11	1
Red	B				3SB3500-2GA21	1	1 unit	41J
Green	B				3SB3500-2GA41	1	1 unit	41J
White	B				3SB3500-2GA61	1	1 unit	41J
	Illuminated, standard version¹⁾, (incl. holder for 3 elements)		Amber	D	3SB3501-2GA01	1	1 unit	41J
			Red	D	3SB3501-2GA21	1	1 unit	41J
			Yellow	D	3SB3501-2GA31	1	1 unit	41J
			Green	B	3SB3501-2GA41	1	1 unit	41J
			Blue	D	3SB3501-2GA51	1	1 unit	41J
			Clear	D	3SB3501-2GA71	1	1 unit	41J
	Non-illuminated, heavy-duty version		Black	D	3SB3500-2VA11	1	1 unit	41J
			Red	D	3SB3500-2VA21	1	1 unit	41J
		Green	D	3SB3500-2VA41	1	1 unit	41J	
		White	D	3SB3500-2VA61	1	1 unit	41J	
	Illuminated, heavy-duty version	Amber	D	3SB3501-2VA01	1	1 unit	41J	
		Red	D	3SB3501-2VA21	1	1 unit	41J	
		Yellow	D	3SB3501-2VA31	1	1 unit	41J	
		Green	D	3SB3501-2VA41	1	1 unit	41J	
		Blue	D	3SB3501-2VA51	1	1 unit	41J	
		Clear	D	3SB3501-2VA71	1	1 unit	41J	
	Non-illuminated, long handle	Black	D	3SB3500-3VA11	1	1 unit	41J	
		Red	D	3SB3500-3VA21	1	1 unit	41J	
 <p>Selector switch, 3 switch positions, long handle</p>	Switching sequence I-O-II, 2 x 50° operating angle, latching to the left, momentary contact type to the right	Non-illuminated, standard version¹⁾	Black	B	3SB3500-2FA11	1	1 unit	41J
			Red	D	3SB3500-2FA21	1	1 unit	41J
			Green	B	3SB3500-2FA41	1	1 unit	41J
			White	B	3SB3500-2FA61	1	1 unit	41J
		Illuminated, standard version¹⁾, (incl. holder for 3 elements)	Amber	D	3SB3501-2FA01	1	1 unit	41J
			Red	D	3SB3501-2FA21	1	1 unit	41J
			Yellow	D	3SB3501-2FA31	1	1 unit	41J
			Green	B	3SB3501-2FA41	1	1 unit	41J
			Blue	D	3SB3501-2FA51	1	1 unit	41J
			Clear	B	3SB3501-2FA71	1	1 unit	41J
		Non-illuminated, heavy-duty version	Black	D	3SB3500-2UA11	1	1 unit	41J
			Red	D	3SB3500-2UA21	1	1 unit	41J
Green			D	3SB3500-2UA41	1	1 unit	41J	
White			D	3SB3500-2UA61	1	1 unit	41J	
	Illuminated, heavy-duty version	Amber	D	3SB3501-2UA01	1	1 unit	41J	
		Red	D	3SB3501-2UA21	1	1 unit	41J	
		Yellow	D	3SB3501-2UA31	1	1 unit	41J	
		Green	D	3SB3501-2UA41	1	1 unit	41J	
		Blue	D	3SB3501-2UA51	1	1 unit	41J	
		Clear	D	3SB3501-2UA71	1	1 unit	41J	
	Non-illuminated, long handle	Black	D	3SB3500-3UA11	1	1 unit	41J	
		Red	D	3SB3500-3UA21	1	1 unit	41J	
		Green	D	3SB3500-3UA41	1	1 unit	41J	
		White	D	3SB3500-3UA61	1	1 unit	41J	






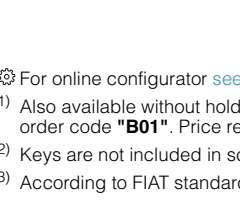
For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Version	Lock version			DT	Configurator	PU (UNIT, SET, M)	PS*	PG					
	Type	Lock No./color	Key removal position						Article No.	Price per PU			
Key-operated switches with holder¹⁾													
Key-operated switches with 2 keys, 2 switch positions													
 <p>RONIS key-operated switch</p>	Switching sequence O-I, 50° operating angle, latching	RONIS	SB 30	O+I	▶	3SB3500-4AD11	1	1 unit	41J				
					O		3SB3500-4AD01	1	1 unit	41J			
					I	▶	3SB3500-4AD21	1	1 unit	41J			
	 <p>CES key-operated switch</p>		CES	SSG 10	O+I	▶	3SB3500-4LD11	1	1 unit	41J			
						O	▶	3SB3500-4LD01	1	1 unit	41J		
						I	▶	3SB3500-4LD21	1	1 unit	41J		
					LSG 1	O+I	B	3SB3500-4LF01	1	1 unit	41J		
						O	B	3SB3500-4LF11	1	1 unit	41J		
		 <p>BKS key-operated switch</p>		BKS	S1	O+I	B	3SB3500-5AD11	1	1 unit	41J		
							O	B	3SB3500-5AD01	1	1 unit	41J	
							E1 for VW ²⁾	O	B	3SB3500-5AE11	1	1 unit	41J
							E2 for VW ²⁾	O+I	B	3SB3500-5AE21	1	1 unit	41J
							O	B	3SB3500-5AE31	1	1 unit	41J	
						E7 for VW ²⁾	O+I	B	3SB3500-5AE41	1	1 unit	41J	
 <p>BKS key-operated switch</p>			O.M.R. ³⁾	73038	O+I	B	3SB3500-3AG11	1	1 unit	41J			
				Light blue	O	B	3SB3500-3AG01	1	1 unit	41J			
					I	B	3SB3500-3AG21	1	1 unit	41J			
					73037	O+I	B	3SB3500-3AH11	1	1 unit	41J		
					Red	O	B	3SB3500-3AH01	1	1 unit	41J		
						I	B	3SB3500-3AH21	1	1 unit	41J		
					73034	O+I	B	3SB3500-3AJ11	1	1 unit	41J		
					Black	O	B	3SB3500-3AJ01	1	1 unit	41J		
						I	B	3SB3500-3AJ21	1	1 unit	41J		
					73033	O+I	B	3SB3500-3AK11	1	1 unit	41J		
					Yellow	O	B	3SB3500-3AK01	1	1 unit	41J		
						I	B	3SB3500-3AK21	1	1 unit	41J		
 <p>O.M.R. key-operated switch</p>	Switching sequence O-I, 50° operating angle, momentary contact type	RONIS	SB 30	O	▶	3SB3500-4BD01	1	1 unit	41J				
		CES	SSG 10	O	▶	3SB3500-4MD01	1	1 unit	41J				
			LSG 1	O	B	3SB3500-4MF11	1	1 unit	41J				
		BKS	S1	O	B	3SB3500-5BD01	1	1 unit	41J				
		O.M.R. ³⁾	73038	O	B	3SB3500-3BG01	1	1 unit	41J				
			Light blue										
			73037	O	B	3SB3500-3BH01	1	1 unit	41J				
			Red										
	73034	O	B	3SB3500-3BJ01	1	1 unit	41J						
	Black												
	73033	O	B	3SB3500-3BK01	1	1 unit	41J						
	Yellow												

For online configurator see www.siemens.com/sirius/configurators

BKS and CES special locks see page 13/70.

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Keys are not included in scope of supply.

³⁾ According to FIAT standards; also available for other users.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Version	Lock version			DT	Configurator	PU (UNIT, SET, M)	PS*	PG
	Type	Lock No./color	Key removal position					
					Article No.	Price per PU		

Key-operated switches with holder¹⁾

Key-operated switches with 2 keys, 3 switch positions



RONIS key-operated switch

Switching sequence I-O-II,
2 x 50° operating angle,
latching



RONIS	SB 30	I+O+II	B	3SB3500-4DD11	1	1 unit	41J
		O	B	3SB3500-4DD01	1	1 unit	41J
		I+II	B	3SB3500-4DD41	1	1 unit	41J
		I	B	3SB3500-4DD21	1	1 unit	41J
		II	B	3SB3500-4DD31	1	1 unit	41J
		O+I	B	3SB3500-4DD51	1	1 unit	41J



CES key-operated switch

CES	SSG 10	I+O+II	B	3SB3500-4PD11	1	1 unit	41J
		O	B	3SB3500-4PD01	1	1 unit	41J
		I+II	B	3SB3500-4PD41	1	1 unit	41J
		I	B	3SB3500-4PD21	1	1 unit	41J
		II	B	3SB3500-4PD31	1	1 unit	41J

BKS	S1	O	C	3SB3500-5DD01	1	1 unit	41J
		I+II	C	3SB3500-5DD41	1	1 unit	41J

O.M.R. ²⁾	73038 Light blue	I+O+II	B	3SB3500-3DG11	1	1 unit	41J
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O.M.R. ²⁾	73037 Red	I+O+II	B	3SB3500-3DH11	1	1 unit	41J
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O.M.R. ²⁾	73034 Black	I+O+II	B	3SB3500-3DJ11	1	1 unit	41J
		O	B	3SB3500-3DJ01	1	1 unit	41J



BKS key-operated switch

Switching sequence I-O-II,
2 x 50° operating angle,
momentary contact type



RONIS	SB 30	O	B	3SB3500-4ED01	1	1 unit	41J	
		CES	SSG 10	O	B	3SB3500-4QD01	1	1 unit
		BKS	S1	O	B	3SB3500-5ED01	1	1 unit
		O.M.R.	73034 Black	O	B	3SB3500-3EJ01	1	1 unit

RONIS	SB 30	O+II	B	3SB3500-4GD61	1	1 unit	41J
		O	B	3SB3500-4GD01	1	1 unit	41J

CES	SSG 10	O+II	B	3SB3500-4SD61	1	1 unit	41J
		O	B	3SB3500-4SD01	1	1 unit	41J
		II	B	3SB3500-4SD31	1	1 unit	41J

BKS	S1	O+II	C	3SB3500-5GD61	1	1 unit	41J
		O	C	3SB3500-5GD01	1	1 unit	41J

O.M.R.	73033 Yellow	II	C	3SB3500-3GK31	1	1 unit	41J
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O.M.R. key-operated switch

Switching sequence I-O-II,
2 x 50° operating angle,
latching to the left,
momentary contact type
to the right



RONIS	SB 30	O+I	B	3SB3500-4FD51	1	1 unit	41J	
		CES	SSG 10	O+I	B	3SB3500-4RD51	1	1 unit
		O	B	3SB3500-4RD01	1	1 unit	41J	

CES	SSG 10	I	B	3SB3500-4RD21	1	1 unit	41J
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BKS	S1	O+I	C	3SB3500-5FD51	1	1 unit	41J
		O	B	3SB3500-5FD01	1	1 unit	41J
		I	B	3SB3500-5FD21	1	1 unit	41J

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.








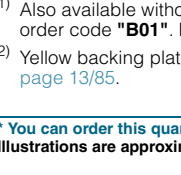
²⁾ According to FIAT standards; also available for other users.

BKS and CES special locks see page 13/70.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Version	Color of handle	Approval	DT	Configurator	Price per PU	PU (UNIT, SET, M)	PS*	PG
				Article No.				
EMERGENCY-STOP devices according to ISO 13850 and IEC 60947-5-5 with holder¹⁾²⁾, can also be used with safety relays³⁾								
								
EMERGENCY-STOP mushroom pushbuttons, Ø 32 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism								
<ul style="list-style-type: none"> • Standard version • Solvent-resistant⁴⁾ 								
Mushroom diameter 32 mm				B	3SB3500-1FA20			1 1 unit 41J
				B	3SB3500-1FA20-0PA0			1 1 unit 41J
	Red							
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism								
<ul style="list-style-type: none"> • Without switch position indicator 								
<ul style="list-style-type: none"> • Without switch position indicator, solvent-resistant⁴⁾ 								
<ul style="list-style-type: none"> • With mechanical switch position indicator 								
Mushroom diameter 40 mm, with rotate-to-unlatch mechanism with switch position indicator								
				B	3SB3500-1HA20			1 1 unit 41J
				B	3SB3500-1HA20-0PA0			1 1 unit 41J
				B	3SB3500-1HA26			1 1 unit 41J
				B	3SB3500-1HA10			1 1 unit 41J
	Red							
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with positive latching according to ISO 13850, with pull-to-unlatch mechanism ⁴⁾								
Mushroom diameter 40 mm, pull-to-unlatch mechanism								
				B	3SB3500-1TA20			1 1 unit 41J
	Red							
EMERGENCY-STOP mushroom pushbuttons, Ø 60 mm With positive latching according to ISO 13850, with rotate-to-unlatch mechanism ⁴⁾								
Mushroom diameter 60 mm								
				B	3SB3500-1AA20			1 1 unit 41J
	Red							
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with RONIS key-operated switch (with 2 keys), lock No. SB 30, with positive latching according to ISO 13850, unlocking only possible using key								
Mushroom diameter 40 mm, with RONIS key-oper. switch								
				B	3SB3500-1BA20			1 1 unit 41J
	Red							
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with CES key-operated switch, (with 2 keys), lock No. SSG 10, with positive latching according to ISO 13850, unlocking only possible using key								
Mushroom diameter 40 mm, with CES key-operated switch								
				B	3SB3500-1KA20			1 1 unit 41J
	Red							
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with BKS key-operated switch, (with 2 keys), lock No. S1, with positive latching according to ISO 13850, unlocking only possible using key								
Mushroom diameter 40 mm, with BKS key-operated switch								
				B	3SB3500-1LA20			1 1 unit 41J
	Red							
EMERGENCY-STOP mushroom pushbuttons, Ø 40 mm, with O.M.R. key-operated switch (with 2 keys), lock No. 73037, with positive latching according to ISO 13850, unlocking only possible using key								
Mushroom diameter 40 mm, with O.M.R. key-operated switch								
				B	3SB3500-1MA20			1 1 unit 41J

For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Yellow backing plates must be ordered separately, see "Accessories" on page 13/85.

³⁾ Can be used with 3SK11 safety relays or the 3RK3 Modular Safety System; see Chapter 11, "Safety Technology".



⁴⁾ Not suitable for laser inscription.

BKS and CES special locks see page 13/70.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Actuators and Indicators, Metal, Round, 22 mm

Actuators and indicators

Version	Color of lens	DT	Configurator 	PU (UNIT, SET, M)	PS*	PG	
			Article No.	Price per PU			
Signaling elements with holder¹⁾							
	Indicator lights with lens with concentric rings²⁾	Amber	B	3SB3501-6BA00	1	1 unit	41J
		Red	▶	3SB3501-6BA20	1	1 unit	41J
		Yellow	B	3SB3501-6BA30	1	1 unit	41J
		Green	▶	3SB3501-6BA40	1	1 unit	41J
		Blue	B	3SB3501-6BA50	1	1 unit	41J
		White	B	3SB3501-6BA60	1	1 unit	41J
		Clear	▶	3SB3501-6BA70	1	1 unit	41J
	Indicator lights with smooth lens²⁾	Amber	B	3SB3501-6AA00	1	1 unit	41J
		Red	B	3SB3501-6AA20	1	1 unit	41J
		Yellow	B	3SB3501-6AA30	1	1 unit	41J
		Green	B	3SB3501-6AA40	1	1 unit	41J
		Blue	B	3SB3501-6AA50	1	1 unit	41J
		White	▶	3SB3501-6AA60	1	1 unit	41J
		Clear	B	3SB3501-6AA70	1	1 unit	41J
Indicator lights with smooth solvent-resistant lens²⁾³⁾	Red	B	3SB3501-6AA20-0PA0	1	1 unit	41J	
	Yellow	B	3SB3501-6AA30-0PA0	1	1 unit	41J	
	Green	B	3SB3501-6AA40-0PA0	1	1 unit	41J	
	Blue	B	3SB3501-6AA50-0PA0	1	1 unit	41J	
	White	B	3SB3501-6AA60-0PA0	1	1 unit	41J	
	Clear	B	3SB3501-6AA70-0PA0	1	1 unit	41J	

 For online configurator see www.siemens.com/sirius/configurators

¹⁾ Also available without holder. Supplement Article No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Inscription by inserting a label is not possible.






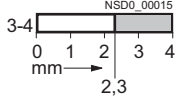


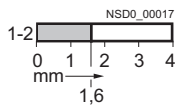

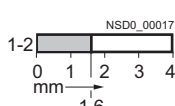


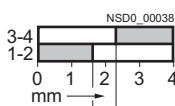

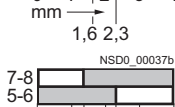

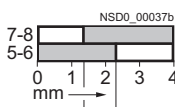

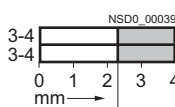

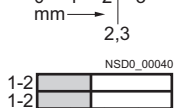

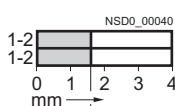

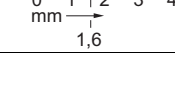

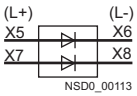
³⁾ Not suitable for laser inscription.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Components for Actuators and Indicators

Contact blocks and lampholders

Selection and ordering data

Version	Graphic symbols	Operating travel	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG		
		 Contact closed  Contact open			Article No.	Price per PU			
Contact blocks for front plate mounting									
 3SB3400-0B	Contact blocks with one contact • Mounting depth 50 mm 1 NO 1 NO with gold-plated contacts				▶ 3SB3400-0B C 3SB3400-0BA	1 1	1 unit 1 unit	41J 41J	
	 3SB3400-0C 3SB3400-0M	1 NC 1 NC with gold-plated contacts				▶ 3SB3400-0C C 3SB3400-0CA	1 1	1 unit 1 unit	41J 41J
		• Mounting depth 63 mm 1 NC with installation monitoring contact ¹⁾				B 3SB3400-0M	1	1 unit	41J
 3SB3400-0A	Contact block with 2 contacts Mounting depth 63 mm (including unit labeling plate)								
	1 NO + 1 NC 1 NO + 1 NC with gold-plated contacts				▶ 3SB3400-0A B 3SB3400-0AA	1 1	1 unit 1 unit	41J 41J	
	1 NO + 1 NC with dust protection ²⁾				D 3SB3400-0N	1	1 unit	41J	
	1 NO leading + 1 NC lagging with gold-plated contacts				B 3SB3400-0H D 3SB3400-0HA	1 1	1 unit 1 unit	41J 41J	
	2 NO 2 NO with gold-plated contacts				B 3SB3400-0D B 3SB3400-0DA	1 1	1 unit 1 unit	41J 41J	
	2 NO with dust protection ²⁾				C 3SB3400-0P	1	1 unit	41J	
	2 NC 2 NC with gold-plated contacts				B 3SB3400-0E B 3SB3400-0EA	1 1	1 unit 1 unit	41J 41J	
	2 NC with dust protection ²⁾				C 3SB3400-0Q	1	1 unit	41J	
	 3SB3400-2A	Blocks with 2 diodes type 1N 4007 Mounting depth 63 mm $U_{RMS} = \text{max. } 250 \text{ V}$ $I_{FAV} = 0.8 \text{ A}$ at $T_u = 60 \text{ °C}$				B 3SB3400-2A	1	1 unit	41J

⊕ Positive opening according to IEC 60947-5-1, Appendix K.
 Can be used with 3SK1, 3TK28 safety relays or the 3RK3 Modular Safety System; see Chapter 11, "Safety Technology".


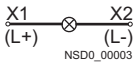

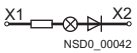
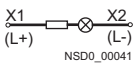

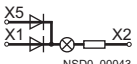
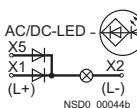
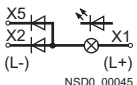
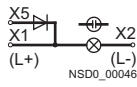

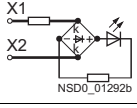
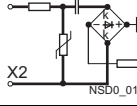
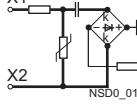


1) The NC contact opens automatically upon disconnection of the actuator. On delivery, the contact is open (= safe state). Activation (= NC contacts on the non-actuated control device are closed) takes place upon first-time actuation after the contact block is snapped onto the actuator.
 Unsuitable for mounting in 3SB38 enclosures.

2) With 3SB3901-0CH dust protection shield (see page 13/85).

3SB3 Pushbuttons and Indicator Lights, 22 mm

Components for Actuators and Indicators

Contact blocks and lampholders

Version	Graphic symbols	Rated voltage	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG
		V		Article No.	Price per PU		
Contact blocks for front plate mounting							
 3SB3400-1A	BA 9s lampholders , mounting depth 50 mm						
	Without lamp		Acc. to lamp	▶ 3SB3400-1A	1	1 unit	41J
	With 24 V incandescent lamp (3SX1344)		24 AC/DC	B 3SB3400-1D	1	1 unit	41J
	With integrated voltage reducer and with 130 V lamp (3SX1731) ¹⁾²⁾		230/240 AC	B 3SB3400-1C	1	1 unit	41J
	With built-in resistor for longer endurance and with 130 V lamp (3SX1731) ¹⁾³⁾		110/130 AC/DC	B 3SB3400-1B	1	1 unit	41J
 3SB3400-1F	BA 9s lampholders , mounting depth 66 mm, with separate lamp test function ⁴⁾						
	With integrated voltage reducer and with 130 V lamp (3SX1731) ¹⁾		230/240 AC	B 3SB3400-1F	1	1 unit	41J
	Without lamp		Acc. to lamp	B 3SB3400-1G	1	1 unit	41J
	For incandescent lamp, max. 2.6 W; for LED lamp, 24/48/230 V AC/DC ⁵⁾						
	Without lamp		Acc. to lamp	B 3SB3400-1L	1	1 unit	41J
	For incandescent lamp, max. 2.6 W; for LED lamp, AC or DC						
	Without lamp		Acc. to lamp	B 3SB3400-1H	1	1 unit	41J
	For incandescent lamp, max. 2.6 W; for glow lamp, AC						
 3SB3400-1PA	Lampholders with integrated LED						
	Mounting depth 50 mm						
	Yellow		24 AC/DC	B 3SB3400-1PA	1	1 unit	41J
	Red		▶ 3SB3400-1PB	1	1 unit	41J	
	Green		▶ 3SB3400-1PC	1	1 unit	41J	
	Blue		B 3SB3400-1PD	1	1 unit	41J	
	White		▶ 3SB3400-1PE	1	1 unit	41J	
	Yellow		110 AC	B 3SB3400-1QA	1	1 unit	41J
	Red		B 3SB3400-1QB	1	1 unit	41J	
	Green		B 3SB3400-1QC	1	1 unit	41J	
Blue	B 3SB3400-1QD		1	1 unit	41J		
White	B 3SB3400-1QE		1	1 unit	41J		
Yellow		230 AC	B 3SB3400-1RA	1	1 unit	41J	
Red		▶ 3SB3400-1RB	1	1 unit	41J		
Green		▶ 3SB3400-1RC	1	1 unit	41J		
Blue		B 3SB3400-1RD	1	1 unit	41J		
White		▶ 3SB3400-1RE	1	1 unit	41J		
 3SB3400-3.	Transformers						
	For snapping onto 3SB3400-1A lampholder		127 / 24 240 / 24 260 / 24	B 3SB3400-3A B 3SB3400-3C D 3SB3400-3E	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
	For incandescent lamp AC, max. 2 W		400 / 24	B 3SB3400-3F	1	1 unit	41J
	Mounting depth: 97 mm		127 / 6	B 3SB3400-3M	1	1 unit	41J
			240 / 6	B 3SB3400-3P	1	1 unit	41J
			400 / 6	B 3SB3400-3S	1	1 unit	41J
			480 / 6	B 3SB3400-3U	1	1 unit	41J
			600 / 6	D 3SB3400-3W	1	1 unit	41J

3SB3400-3.

1) The voltage reducer can only be used with this lamp.

2) Also suitable for LED lamp 230 V AC, 3SB3901-1.F

3) Also suitable for LED lamp 130 V AC, 3SB3901-1.D


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

5) Not suitable for LED lamps which are suitable only for AC or DC.



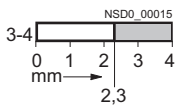

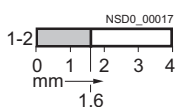


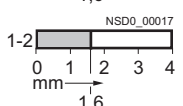

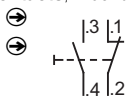
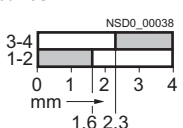

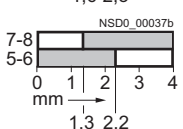


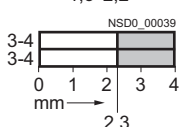

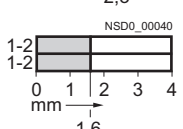

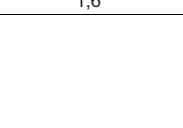


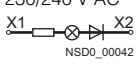

3SB3 Pushbuttons and Indicator Lights, 22 mm

Components for Actuators and Indicators

Contact blocks and lampholders

Version	Rated voltage of lamp/ Graphic symbol	Operating travel/color	DT	Spring-type terminals	PU (UNIT, SET, M)	PS*	PG
	V	<input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open		 Article No. Price per PU			

Contact blocks for front plate mounting

 3SB3403-0B	Contact blocks with one contact , mounting depth 50 mm							
	1 NO 1 NO with gold-plated contacts			B	3SB3403-0B	1	1 unit	41J
	1 NC 1 NC with gold-plated contacts			B	3SB3403-0C 3SB3403-0CA	1	1 unit	41J
 3SB3403-0M	1 NC with installation monitoring contact ¹⁾ • Mounting depth 63 mm			B	3SB3403-0M	1	1 unit	41J
Contact blocks with 2 contacts , mounting depth 63 mm								
 3SB3403-0M	1 NO + 1 NC 1 NO + 1 NC with gold-plated contacts			B	3SB3403-0A 3SB3403-0AA	1	1 unit	41J
	1 NO leading + 1 NC lagging 1 NO leading + 1 NC lagging with gold-plated contacts			B	3SB3403-0H	1	1 unit	41J
 3SB3403-0A	2 NO 2 NO with gold-plated contacts			B	3SB3403-0D 3SB3403-0DA	1	1 unit	41J
	2 NC 2 NC with gold-plated contacts			B	3SB3403-0E 3SB3403-0EA	1	1 unit	41J
	2 NO leading + 1 NC lagging 2 NO leading + 1 NC lagging with gold-plated contacts			C	3SB3403-0HA	1	1 unit	41J
 3SB3403-1C	BA 9s lampholders , mounting depth 50 mm							
	Without lamp ²⁾	Acc. to lamp 	B	3SB3403-1A	1	1 unit	41J	
With integrated voltage reducer and with 130 V lamp (3SX1731) ²⁾³⁾	230/240 V AC 	B	3SB3403-1C	1	1 unit	41J		
 3SB3403-1PA	Lampholders with integrated LED Mounting depth 50 mm							
	24 V AC/DC	Yellow Red Green Blue White	B	3SB3403-1PA	1	1 unit	41J	
		Red Green Blue White	B	3SB3403-1PB	1	1 unit	41J	
		Green Blue White	B	3SB3403-1PC	1	1 unit	41J	
		Blue White	B	3SB3403-1PD 3SB3403-1PE	1	1 unit	41J	
110 V AC	Yellow Red Green Blue White	B	3SB3403-1QA 3SB3403-1QB 3SB3403-1QC 3SB3403-1QD 3SB3403-1QE	1	1 unit	41J		
230 V AC	Yellow Red Green Blue White	B	3SB3403-1RA 3SB3403-1RB 3SB3403-1RC 3SB3403-1RD 3SB3403-1RE	1	1 unit	41J		

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

¹⁾ The NC contact opens automatically upon disconnection of the actuator. On delivery, the contact is open (= safe state). More explanations see footnote 1) on page 13/65. Unsuitable for mounting in 3SB38 enclosures.




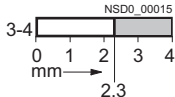

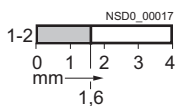

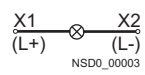

²⁾ Not suitable for square command devices.




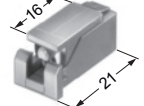
³⁾ Use these lamps only.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Components for Actuators and Indicators

Contact blocks and lampholders

Version	Graphic symbols	Operating travel	DT	Solder pin connections	PU (UNIT, SET, M)	PS*	PG
		<input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open		 Article No. Price per PU			
Contact blocks for use on printed circuit boards							
 3SB3411-0B	Contact blocks with one contact Mounting depth 44 mm						
	1 NO	 	B	3SB3411-0B	1	1 unit	41J
	1 NC	 	B	3SB3411-0C	1	1 unit	41J
 3SB3411-1A	Wedge base lampholders W2 x 4.6d Mounting depth: 44 mm Without lamp				B	3SB3411-1A	1 1 unit 41J
 Positive opening according to IEC 60947-5-1, Appendix K.							

Version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Holders for 3 contact blocks, for front plate mounting						
 3SB3901-0AB		Holders for pushbuttons and switches¹⁾ For snapping on 3 blocks (for illuminated pushbuttons and illuminated selector switches the holder is included in the scope of supply)		3SB3901-0AB	100	20 units 41J
 3SB3901-0AC		Holders for selector switches, key-operated switches and twin pushbuttons With pressure plate for actuating the central contact block of three contact blocks ²⁾		3SB3901-0AC	100	10 units 41J
Pressure plates for use on printed circuit boards						
 3SB3901-0AW	B	Pressure plates for selector switches and key-operated switches For actuating the central contact block of three contact blocks ²⁾		3SB3901-0AW	100	10 units 41J
Accessories for printed circuit boards						
 3SB3901-0AA	B	Holders for printed circuit boards For mounting the command devices on the printed circuit board (screw is included in the scope of supply)		3SB3901-0AA	100	10 units 41J

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

²⁾ The pressure plates can be removed to meet individual requirements.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Components for Actuators and Indicators

AS-Interface F adapters for EMERGENCY-STOP devices

Overview



EMERGENCY-STOP mushroom pushbutton with F adapter for bus connection




The AS-Interface F adapter is used to connect an EMERGENCY-STOP device according to ISO 13850 from the 3SB3 series to the AS-Interface bus system. The F adapter is suitable for control devices with mounting on front plates.

The F adapter has a safe AS-Interface 2E slave and is snapped from behind onto the EMERGENCY-STOP mushroom pushbutton. In the 2E/1A expanded version, an output is also available for actuating an indicator light with LED.

Depending on the version, screw terminals or spring-type terminals or the insulation piercing method are used for connecting to the AS-Interface bus cable. Addressing is performed using the AS-Interface connection or the integrated addressing socket.

Safety category 4 (SIL 3) is achieved with the adapter.

Selection and ordering data

Version	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU		
 AS-Interface F adapter for 3SB3 EMERGENCY-STOP mushroom pushbuttons For mounting on front plates <ul style="list-style-type: none"> • 2I • 2I/1O, with output for LED control 		▶ 3SF5402-1AA03	1	1 unit	42A
		▶ 3SF5402-1AB03	1	1 unit	42A
		Article No.	Price per PU		
Version	DT	Spring-type terminals	PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU		
 AS-Interface F adapter for 3SB3 EMERGENCY-STOP mushroom pushbuttons For mounting on front plates <ul style="list-style-type: none"> • 2I • 2I/1O, with output for LED control 		▶ 3SF5402-1AA04	1	1 unit	42A
		▶ 3SF5402-1AB04	1	1 unit	42A
		Article No.	Price per PU		
Version	DT	Insulation piercing method	PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU		
 AS-Interface F adapter for 3SB3 EMERGENCY-STOP mushroom pushbuttons For mounting on front plates <ul style="list-style-type: none"> • 2I • 2I/1O, with output for LED control 		▶ 3SF5402-1AA05	1	1 unit	42A
		▶ 3SF5402-1AB05	1	1 unit	42A
		Article No.	Price per PU		

3SB3 Pushbuttons and Indicator Lights, 22 mm

Components for Actuators and Indicators

Special locks

Options

Special locks for key-operated switches

The BKS and CES plastic and metal key-operated switches, round and square versions, can be optionally equipped with special locks.

In this case the Article No. of the matching key-operated switch must be supplemented with **"-Z"**, the matching order code **"Y01"** or **"Y02"** and the required lock number.

Order code	Y01	Y02
In accordance with the table of special locks	No	Yes
Normal delivery time	25 working days	5 working days
Additional price per unit	On request	On request
Ordering example	3SB3000-4LD01-Z Y01 Z = SSG18	3SB3000-4LD01-Z Y02 Z = SSG11

Available special locks with order code "Y02"	Article No. with order code
Key-operated switch	
CES SSG 11 to SSG 15	3SB3...-4LD01-Z Y02 3SB3...-4LD11-Z Y02 3SB3...-4LD21-Z Y02 3SB3...-4MD01-Z Y02 3SB3...-4PD...-Z Y02 3SB3...-4QD...-Z Y02 3SB3...-4RD...-Z Y02 3SB3...-4SD...-Z Y02
BKS E1, E2, E7, E9 ¹⁾	3SB3...-5AD...-Z Y02 3SB3...-5BD01-Z Y02 3SB3...-5DD...-Z Y02 3SB3...-5ED01-Z Y02 3SB3...-5FD01-Z Y02 3SB3...-5GD01-Z Y02
BKS E9 ¹⁾	3SB3...-5FD51-Z Y02
EMERGENCY-STOP mushroom pushbuttons	
CES SSP 9	3SB3...-1KA20-Z Y02
BKS E2, E7, E9 ¹⁾	3SB3...-1LA20-Z Y02

¹⁾ Delivery of these BKS key-operated switches (locks for VW) without key.

Ordering notes

- For all special locks, an additional price applies.
- The order code **"Y01"** or **"Y02"** must be quoted in accordance with the above table. Automated processing of the order with a defined delivery time can be guaranteed only for correctly submitted orders.
- For applications in which access security is important and several lock numbers are used, we recommend the use of BKS or CES key-operated switches.
- Special locks for VW (E1, E2, ...) will be delivered without keys, all others with 2 keys.

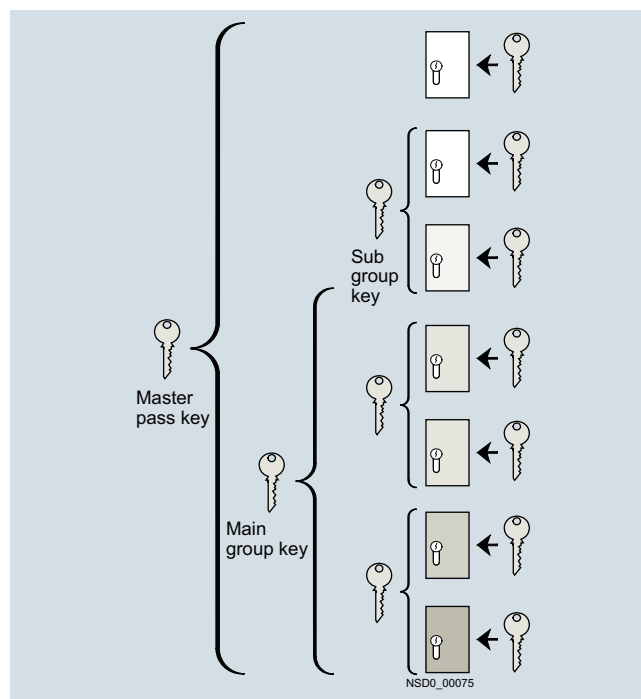
Master and master-pass key systems

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

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

When placing an order you must supplement the Article No. of the matching key-operated switches with **"-Z"** and quote the order code **"Y03"**.

Please enquire for price and delivery time.



Example of master-pass key system

Overview

Inscription of actuators and indicators

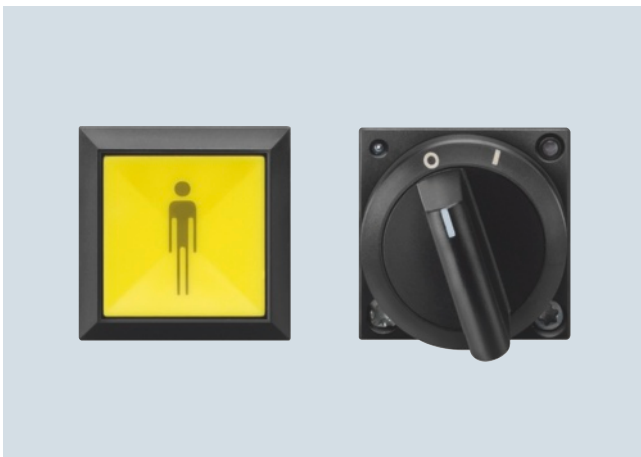
Actuators and indicators of plastic as well as metal version can be optionally inscribed with a laser.



Pushbutton (metal) with laser inscription

The actuators of the pushbuttons, illuminated pushbuttons, mushroom pushbuttons, illuminated mushroom pushbuttons and twin pushbuttons can be inscribed as well as the lenses of the indicator lights.

Selector switches can be inscribed only if they are made of plastic (only one text line on the front ring).



Pushbutton and selector switch (plastic) with laser inscription

Version

A letter height of 4 mm is used as standard for text inscriptions:

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

For round buttons and lenses, the 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 buttons and lenses, 10 characters are possible per line.

Ordering notes

When ordering, supplement the Article No. of the actuator or the indicator light with "**-Z**" and an order code:

- Text line in upper/lower case, always upper case 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**
- Symbol with number according to ISO 7000 or IEC 60417: **Y13**
- Any inscription or symbol according to order form supplement: **Y19**

Additional price per unit for Y10 to Y19 on request.

When ordering, specify the required inscription in plain text in addition to the Article No. and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language (see [ordering example 1](#)).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 =Lower". For long words you can also specify the end-of-line division.

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see [ordering example 2 and 3](#)).

For special symbols (order code Y19), a CAD drawing in BMP, GIF, JPEG, PDF, PNG or TIFF format must be submitted. For special inscriptions (order code Y19): document in DOC or XLS format.

E-mail to: sirius-attach.aud@siemens.com

Ordering example 1

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

3SB3000-0AA41-Z
Y10
Z = Reset (English)

Ordering example 2

A square pushbutton inscribed with symbol No. 5389 according to IEC 60417 is required:

3SB3110-0AA31-Z
Y13
Z = 5389 IEC

Ordering example 3

A round pushbutton inscribed with symbol No. 1118 according to ISO 7000 is required:

3SB3000-0AA41-Z
Y13
Z = 1118 ISO

3SB3 Pushbuttons and Indicator Lights, 22 mm

Inscriptions

Inscriptions by laser printer

Overview

Label inscriptions

Using the "Label Designer" software, which can be downloaded from the Internet, and the inscription labels 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 snapped onto 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.

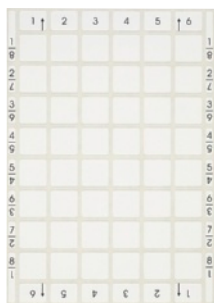
For applications with more exacting requirements we recommend factory-printed inscription labels and insert labels (laser-printed or engraved depending on the type).

For the "Label Designer" software see www.siemens.com/sirius-label-designer

Selection and ordering data

Version	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Labels for printing



Insert labels for inserting in round illuminated pushbuttons and illuminated switches	Milky	B	3SB3901-2AB		100	480 units	41J
Inscription labels 12.5 mm x 27 mm for sticking onto label holder	White	B	3SB3902-2AA		100	480 units	41J
Inscription labels 27 mm x 27 mm for sticking onto label holder	White	B	3SB3903-2AA		100	480 units	41J
Inscription labels 17.5 mm x 28 mm for snapping onto label holder	White	B	3SB3905-2AA		100	784 units	41J
Inscription labels 22 mm x 22 mm for sticking onto enclosure	White	B	3SB3906-2AA		100	700 units	41J

Overview

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

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

Inscriptions

The inscription is in upper/lower case, all words begin with upper case letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417 (see page 13/74).









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

Selection and ordering data

PU (UNIT) = 100 (customized inscription: 1)

PG = 41J

PS* = 10 units (customized inscription: 1 unit)

Inscription/Symbol	Symbol No.	DT	Round range		Square range		
			Article No.	Price per PU	Article No.	Price per PU	
Insert labels							
For self-inscription							
 Blank		B	3SB1901-4AS		B	3SB3940-4AA	
With inscription							
 Ein		B	3SB1901-4AB		B	3SB3940-4AB	
On		B	3SB1901-4EB		B	3SB3940-4EB	
Aus		B	3SB1901-4AC		B	3SB3940-4AC	
Off		B	3SB1901-4EC		B	3SB3940-4EC	
Auf		B	3SB1901-4AD		B	3SB3940-4AD	
Up		B	3SB1901-4ED		B	3SB3940-4ED	
Ab		B	3SB1901-4AE		B	3SB3940-4AE	
Down		B	3SB1901-4EE		B	3SB3940-4EE	
Vor		B	3SB1901-4AF		B	3SB3940-4AF	
Forward		B	3SB1901-4EF		B	3SB3940-4EF	
Zurück		B	3SB1901-4AG		B	3SB3940-4AG	
Reverse		B	3SB1901-4EG		B	3SB3940-4EG	
Rechts		B	3SB1901-4AH			--	
Right		C	3SB1901-4EH			--	
Links		B	3SB1901-4AJ			--	
Left		C	3SB1901-4EJ			--	
Auf		B	3SB1901-4AD		B	3SB3940-4AD	
Open		B	3SB1901-4EP			--	
Zu		B	3SB1901-4AL		B	3SB3940-4AL	
Close		B	3SB1901-4EQ			--	
Schnell		B	3SB1901-4AM		B	3SB3940-4AM	
Fast		B	3SB1901-4ER			--	
Langsam		B	3SB1901-4AN		B	3SB3940-4AN	
Slow		B	3SB1901-4ES			--	
Betrieb		B	3SB1901-4AP			--	
Running		B	3SB1901-4EV			--	
Störung		B	3SB1901-4AQ		B	3SB3940-4AQ	
Fault		B	3SB1901-4EW			--	
Einrichten		B	3SB1901-4AR			--	
Reset		B	3SB1901-4EM		B	3SB3940-4EM	
Test		B	3SB1901-4EN			--	
Start		B	3SB1901-4EK		B	3SB3940-4EK	
Halt		B	3SB1901-4AK		B	3SB3940-4AK	
Stop		B	3SB1901-4EL		B	3SB3940-4EL	
With graphic symbol							
 O (Off)		5008 IEC	B	3SB1901-4MB		B	3SB3940-4MB
I (On)		5007 IEC	B	3SB1901-4MC		B	3SB3940-4MC
II (On)		--	B	3SB1901-4MD		B	3SB3940-4MD
III (ON)		--	B	3SB1901-4ME			--
Electric motor		0011 ISO	B	3SB1901-4PA			--
Motion in direction of arrow		5022 IEC	B	3SB1901-4NA		B	3SB3940-4NA
Increase, plus		5005 IEC	B	3SB1901-4NG		B	3SB3940-4NG
Decrease, minus		5006 IEC	B	3SB1901-4NH		B	3SB3940-4NH
With customized inscription							
For inscriptions or symbols see "Options"				3SB1901-4AZ		3SB3940-4AZ	
• Text line(s) or symbol with No.			B	K0Y, K1Y, K2Y, K3Y or K5Y		B	K0Y, K1Y, K2Y, K3Y or K5Y
• Any inscription or symbol			B	K9Y		B	K9Y

3SB3 Pushbuttons and Indicator Lights, 22 mm

Inscriptions

Insert labels

Options

Customized inscriptions

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

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 Arial. Other letter heights and typefaces are possible, but must be specified when ordering.

For round insert 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.

Examples for customized inscription



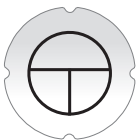
Two-line inscription in upper/lower case lettering (K0Y)



Single-line inscription in upper case lettering (K1Y)



Three-line inscription in lower case letters (K2Y)



Symbol number 5011 according to IEC 60147 (K3Y)



Any symbol according to order form supplement (K9Y)

Ordering notes

Append the following order codes to the Article No.:

- Text line(s) in upper/lower case, upper case always 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**
- Symbol with number according to ISO 7000 or IEC 60417: **K3Y**
- Any inscription or symbol according to order form supplement: **K9Y**

When ordering, specify the required inscription in plain text in addition to the Article No. 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 multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 =Lower". For long words you can also specify the end-of-line division (see [ordering example 1](#)).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see [ordering example 2 and 3](#)).

For special symbols (order code K9Y), a CAD drawing in BMP, GIF, JPEG, PDF, PNG or TIFF format must be submitted. For special inscriptions (order code K9Y): document in DOC or XLS format.

E-mail to: sirius-attach.aud@siemens.com

Ordering example 1

A label with 2 lines of text is required:

3SB1901-4AZ
K1Y
Z1 = LIFT
Z2 = LOWER

Ordering example 2

A label inscribed with symbol No. 5011 according to IEC 60417 is required:

3SB1901-4AZ
K3Y
Z = 5011 IEC

Ordering example 3

A label inscribed with symbol No. 1118 according to ISO 7000 is required:

3SB1901-4AZ
K3Y
Z = 1118 ISO

3SB3 Pushbuttons and Indicator Lights, 22 mm

Inscriptions

Name plates

Overview

The name plates consist of a black plastic label holder and an inscription label (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 mounting dimensions!

Inscriptions

The inscription is in upper/lower case, all words with upper case initial letters. The typeface is Arial. Graphic symbols, including those not listed in the tables, are according to ISO 7000 or IEC 60417 (see page 13/79).

Self-adhesive labels

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

- Label holders 30 mm × 45 mm × 7 mm with inscription label 12.5 mm × 27 mm.
- Label holders 30 mm × 60 mm × 7 mm with inscription label 27 mm × 27 mm.









































Snap-on labels

The following version is available for the round range:

- Label holders 29.8 mm × 51 mm × 3 mm with inscription label 17.5 mm × 28 mm (inscription area: 17.5 mm × 27 mm)

Selection and ordering data

PU (UNIT) = 100
PS* = 10 units
PG = 41J

Inscriptions	DT	Black		Silver-colored	
		Article No.	Price per PU	Article No.	Price per PU
Inscription labels, self-adhesive, 12.5 mm × 27 mm					
For self-inscription					
	Blank	B	3SB3902-1AA	B	3SB1901-2AA
With inscription					
	Ein	B	3SB3902-1AB	B	3SB1901-2AB
	On	B	3SB3902-1EB	B	3SB1901-2EB
	Aus	B	3SB3902-1AC	B	3SB1901-2AC
	Off	B	3SB3902-1EC	B	3SB1901-2EC
	Auf	B	3SB3902-1AD	B	3SB1901-2AD
	Up	B	3SB3902-1ED	B	3SB1901-2ED
	Ab	B	3SB3902-1AE	B	3SB1901-2AE
	Down	B	3SB3902-1EE	B	3SB1901-2EE
	Vor	B	3SB3902-1AF	B	3SB1901-2AF
	Forward	B	3SB3902-1EF	B	--
	Zurück	B	3SB3902-1AG	B	3SB1901-2AG
	Reverse	B	3SB3902-1EG	B	--
	Rechts	B	3SB3902-1AH	B	3SB1901-2AH
	Right	B	3SB3902-1EH	B	3SB1901-2EH
	Links	B	3SB3902-1AJ	B	3SB1901-2AJ
	Left	B	3SB3902-1EJ	B	3SB1901-2EJ
	Auf	B	3SB3902-1AD	B	3SB1901-2AD
	Open	B	3SB3902-1EP	B	3SB1901-2EP
	Zu	B	3SB3902-1AL	B	3SB1901-2AL
	Close	B	3SB3902-1EQ	B	3SB1901-2EQ
	Schnell	--	--	B	3SB1901-2AM
	Fast	--	--	B	3SB1901-2ER
	Langsam	--	--	B	3SB1901-2AN
	Slow	--	--	B	3SB1901-2ES
	Halt	B	3SB3902-1AK	B	3SB1901-2AK
	Stop	B	3SB3902-1EK	B	3SB1901-2EK
	Start	B	3SB3902-1EL	B	3SB1901-2EL
	Test	B	3SB3902-1EN	B	3SB1901-2EN
	Betrieb	B	3SB3902-1AP	B	3SB1901-2AP
	Running	--	--	B	3SB1901-2EV
	Störung	B	3SB3902-1AQ	B	3SB1901-2AQ
	Fault	B	3SB3902-1EW	B	3SB1901-2EW
	Einrichten	--	--	B	3SB1901-2AR
	Reset	--	--	B	3SB1901-2EM
	Stop Start	B	3SB3902-1BC	B	3SB1901-2BC
	Hand Auto	B	3SB3902-1BA	B	3SB1901-2BA
	Man Auto	B	3SB3902-1EU	B	3SB1901-2EU
	Hand O Auto	--	--	B	3SB1901-2BE
	Man O Auto	--	--	B	3SB1901-2ET


For label holders see page 13/78.


3SB3 Pushbuttons and Indicator Lights, 22 mm

Inscriptions

Name plates

PU (UNIT) = 100 (customized inscription: 1)
 PS* = 10 units (customized inscription: 1 unit)
 PG = 41J

Inscriptions	DT	Black		Silver-colored	
		Article No.	Price per PU	Article No.	Price per PU
Inscription labels, self-adhesive, 12.5 mm x 27 mm					
	With graphic symbol				
	O	B	3SB3902-1MB	B	3SB1901-2MB
	I	B	3SB3902-1MC	B	3SB1901-2MC
	II	--	--	C	3SB1901-2MD
	III	--	--	B	3SB1901-2ME
	O I	B	3SB3902-1MF	B	3SB1901-2MF
	I O II	B	3SB3902-1MG	B	3SB1901-2MG
	1 O 2	--	--	B	3SB1901-2MK
	1 2	B	3SB3902-1ML	--	--
	→	B	3SB3902-1NJ	B	3SB1901-2NA
		B	3SB3902-1NA	B	3SB1901-2NJ
	With customized inscription				
For inscriptions or symbols see "Options"					
• Text line(s)					
	B	3SB3902-1XZ	B	3SB1901-2XZ	
• Symbol with No.					
	B	K0Y, K1Y, K2Y or K5Y	B	K0Y, K1Y, K2Y or K5Y	
• Any inscription or symbol					
	B	K3Y	B	K3Y	
	B	K9Y	B	K9Y	

Inscriptions	DT	Black		Silver-colored		
		Article No.	Price per PU	Article No.	Price per PU	
Inscription labels, self-adhesive, 27 mm x 27 mm						
	For self-inscription					
	Blank	B	3SB3903-1AA	B	3SB1906-2AA	
	With inscription					
	Ein	B	3SB3903-1AB	--	--	
	On	B	3SB3903-1EB	--	--	
	Aus	B	3SB3903-1AC	--	--	
	Off	B	3SB3903-1EC	--	--	
	Auf	B	3SB3903-1AD	--	--	
	Ab	B	3SB3903-1AE	--	--	
	Vor	B	3SB3903-1AF	--	--	
	Zurück	B	3SB3903-1AG	--	--	
	Rechts	B	3SB3903-1AH	--	--	
Links	B	3SB3903-1AJ	--	--		
Auf	B	3SB3903-1AD	--	--		
Zu	B	3SB3903-1AL	--	--		
Halt	B	3SB3903-1AK	--	--		
Start	B	3SB3903-1EL	--	--		
Betrieb	B	3SB3903-1AP	--	--		
Störung	B	3SB3903-1AQ	--	--		
Stop Start	B	3SB3903-1BC	--	--		
Hand Auto	B	3SB3903-1BA	--	--		
With graphic symbol						
O	B	3SB3903-1MB	--	--		
I	B	3SB3903-1MC	--	--		
O I	B	3SB3903-1MF	--	--		
→	B	3SB3903-1NA	--	--		
With customized inscription						
For inscriptions or symbols see "Options"						
• Text line(s)						
	B	3SB3903-1XZ	B	3SB1906-2XZ		
• Symbol with No.						
	B	K0Y, K1Y, K2Y or K5Y	B	K0Y, K1Y, K2Y or K5Y		
• Any inscription or symbol						
	B	K3Y	B	K3Y		
	B	K9Y	B	K9Y		









For label holders see page 13/78.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Inscriptions

Name plates

PU (UNIT) = 100 (customized inscription: 1)
 PS* = 10 units (customized inscription: 1 unit)
 PG = 41J




Inscriptions	DT	Black		Silver-colored		
		Article No.	Price per PU	Article No.	Price per PU	
Inscription labels, for snapping on, 17.5 mm x 28 mm						
		For self-inscription				
Blank	B	3SB3905-1AA		B	3SB1904-2AA	
		With inscription				
Ein	B	3SB3905-1AB		B	3SB1904-2AB	
On	B	3SB3905-1EB		B	3SB1904-2EB	
Aus	B	3SB3905-1AC		B	3SB1904-2AC	
Off	B	3SB3905-1EC		B	3SB1904-2EC	
Auf	B	3SB3905-1AD		B	3SB1904-2AD	
Up	B	3SB3905-1ED		B	--	
Ab	B	3SB3905-1AE		B	3SB1904-2AE	
Down	B	3SB3905-1EE		B	--	
Vor	B	3SB3905-1AF		B	3SB1904-2AF	
Forward	B	3SB3905-1EF		B	--	
Zurück	B	3SB3905-1AG		B	3SB1904-2AG	
Reverse	B	3SB3905-1EG		B	3SB1904-2EG	
Rechts	B	3SB3905-1AH		B	3SB1904-2AH	
Right	B	3SB3905-1EH		B	3SB1904-2EH	
Links	B	3SB3905-1AJ		B	3SB1904-2AJ	
Auf	B	3SB3905-1AD		B	3SB1904-2AD	
Open	B	3SB3905-1EP		B	--	
Zu	B	3SB3905-1AL		B	3SB1904-2AL	
Close	B	3SB3905-1EQ		B	--	
		Halt	B	3SB3905-1AK	B	3SB1904-2AK
		Stop	B	3SB3905-1EK	B	3SB1904-2EK
		Start	B	3SB3905-1EL	B	3SB1904-2EL
		Test	B	3SB3905-1EN	B	3SB1904-2EN
		Betrieb	B	3SB3905-1AP	B	3SB1904-2AP
		Running	B	3SB3905-1EV	B	3SB1904-2EV
		Störung	B	3SB3905-1AQ	B	3SB1904-2AQ
		Fault	B	3SB3905-1EW	B	3SB1904-2EW
		Einrichten	--	--	B	3SB1904-2AR
		Reset	--	--	B	3SB1904-2EM
		Stop Start	B	3SB3905-1BC	B	3SB1904-2BC
		Hand Auto	B	3SB3905-1BA	B	3SB1904-2BA
		Man Auto	B	3SB3905-1EU	C	3SB1904-2EU
		Man O Auto	--	--	B	3SB1904-2ET
		With graphic symbol				
O	B	3SB3905-1MB		B	3SB1904-2MB	
I	B	3SB3905-1MC		B	3SB1904-2MC	
		O I	B	3SB3905-1MF	B	3SB1904-2MF
		I O II	--	--	B	3SB1904-2MG
		1 O 2	--	--	B	3SB1904-2MK
		→	B	3SB3905-1NA	B	3SB1904-2NA
			B	3SB3905-1NJ	B	3SB1904-2NJ
		With customized inscription				
		For inscriptions or symbols see "Options"				
		• Text line(s)	B	3SB3905-1XZ K0Y, K1Y, K2Y or K5Y	B	3SB1904-2XZ K0Y, K1Y, K2Y or K5Y
		• Symbol with No.	B	K3Y	B	K3Y
		• Any inscription or symbol	B	K9Y	B	K9Y

For label holders see page 13/78.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Inscriptions

Name plates

Version	DT	Black	PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU		
Label holders for inscription labels 12.5 mm x 27 mm					
	For round range, flat	B 3SB3922-0AV	100	10 units	41J
	For potentiometer drives 3SB1000-7CH07 ¹⁾	B 3SB3922-0AS	1	1 unit	41J
	For square range, flat	B 3SB3942-0AX	100	5 units	41J
3SB3922-0AV					
Label holders for inscription labels 27 mm x 27 mm					
	For round range, flat	B 3SB3923-0AV	100	10 units	41J
	For round range, raised	C 3SB3923-0AX	1	10 units	41J
	For potentiometer drives, flat	B 3SB3923-0AS	1	1 unit	41J
	For square range, flat	B 3SB3943-0AX	100	1 unit	41J
3SB3923-0AV					
Label holders for inscription labels 17.5 mm x 28 mm					
	For round design	B 3SB3925-0AV	100	10 units	41J
3SB3925-0AV					

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

Options

Customized inscriptions

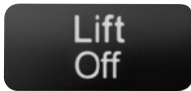
The labels can be inscribed with text and symbols not listed in the ordering data.

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

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

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

Examples for customized inscription



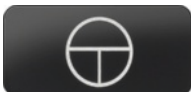
Two-line inscription in upper/lower case lettering (K0Y)



Single-line inscription in upper case lettering (K1Y)



Three-line inscription in lower case letters (K2Y)



Symbol number 5011 according to IEC 60417 (K3Y)



Any symbol according to order form supplement (K9Y)

Ordering notes

Append the following order codes to the Article No.:

- Text line(s) in upper/lower case, upper case always 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**
- Symbol with number according to ISO 7000 or IEC 60417: **K3Y**
- Any inscription or symbol according to order form supplement: **K9Y**

When ordering, specify the required inscription in plain text in addition to the Article No. 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 multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 =Lower". For long words you can also specify the end-of-line division (see [ordering example 1](#)).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see [ordering example 2 and 3](#)).

For special symbols (order code K9Y), a CAD drawing in BMP, GIF, JPEG, PDF, PNG or TIFF format must be submitted. For special inscriptions (order code K9Y): document in DOC or XLS format.

E-mail to: sirius-attach.aud@siemens.com

Ordering example 1

A label with 2 lines of text is required:

3SB3902-1XZ
K1Y
Z1 = LIFT
Z2 = LOWER

Ordering example 2

A label inscribed with symbol No. 5011 according to IEC 60417 is required:

3SB3902-1XZ
K3Y
Z = 5011 IEC

Ordering example 3

A label inscribed with symbol No. 1118 according to ISO 7000 is required:








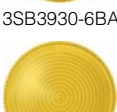
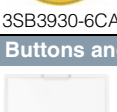


3SB3902-1XZ
K3Y
Z = 1118 ISO

3SB3 Pushbuttons and Indicator Lights, 22 mm

Accessories and Spare Parts

Buttons and lenses

Selection and ordering data

Version	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Buttons and lenses for round version¹⁾							
 3SB3930-0CA6	Buttons, flat For round illuminated pushbuttons and illuminated switches, plastic version	Red	B	3SB3930-0CA2	100	10 units	41J
		Yellow	B	3SB3930-0CA3	100	10 units	41J
		Green	B	3SB3930-0CA4	100	10 units	41J
		Blue	B	3SB3930-0CA5	100	10 units	41J
		White	B	3SB3930-0CA6	100	10 units	41J
		Clear	B	3SB3930-0CA7	100	10 units	41J
	 3SB3930-0EA3	Buttons, flat For round pushbuttons and switches, metal version	Black	B	3SB3930-0EA1	100	10 units
		Red	B	3SB3930-0EA2	100	10 units	41J
		Yellow	B	3SB3930-0EA3	100	10 units	41J
		Green	B	3SB3930-0EA4	100	10 units	41J
		Blue	B	3SB3930-0EA5	100	10 units	41J
		White	B	3SB3930-0EA6	100	10 units	41J
		Clear	B	3SB3930-0EA7	100	10 units	41J
 3SB3930-0DA4	Buttons, raised For round illuminated pushbuttons and illuminated switches, plastic version	Red	B	3SB3930-0DA2	1	10 units	41J
		Green	B	3SB3930-0DA4	1	10 units	41J
		Clear	B	3SB3930-0DA7	1	10 units	41J
 3SB3930-0FA4	Buttons, raised For round pushbuttons and switches, metal version	Black	D	3SB3930-0FA1	1	10 units	41J
		Red	C	3SB3930-0FA2	1	10 units	41J
		Yellow	C	3SB3930-0FA3	1	10 units	41J
		Green	C	3SB3930-0FA4	1	10 units	41J
		Blue	C	3SB3930-0FA5	1	10 units	41J
		White	C	3SB3930-0FA6	1	10 units	41J
		Clear	C	3SB3930-0FA7	1	10 units	41J
 3SB3930-0GA3	Buttons, flat For round illuminated pushbuttons and illuminated switches, metal version	Amber	B	3SB3930-0GA0	100	10 units	41J
		Red	B	3SB3930-0GA2	100	10 units	41J
		Yellow	B	3SB3930-0GA3	100	10 units	41J
		Green	B	3SB3930-0GA4	100	10 units	41J
		Blue	B	3SB3930-0GA5	100	10 units	41J
		White	B	3SB3930-0GA6	100	10 units	41J
		Clear	B	3SB3930-0GA7	100	10 units	41J
 3SB3930-0HA4	Buttons, flat, solvent-resistant²⁾ For round illuminated pushbuttons and switches, metal version	Red	B	3SB3930-0GA20-0PA0	100	10 units	41J
		Yellow	B	3SB3930-0GA30-0PA0	100	10 units	41J
		Green	B	3SB3930-0GA40-0PA0	100	10 units	41J
		Blue	B	3SB3930-0GA50-0PA0	100	10 units	41J
		White	B	3SB3930-0GA60-0PA0	100	10 units	41J
		Clear	B	3SB3930-0GA70-0PA0	100	10 units	41J
 3SB3930-0HA4	Buttons, raised For round illuminated pushbuttons and illuminated switches, metal version	Amber	C	3SB3930-0HA0	1	10 units	41J
		Red	C	3SB3930-0HA2	1	10 units	41J
		Yellow	C	3SB3930-0HA3	1	10 units	41J
		Green	C	3SB3930-0HA4	1	10 units	41J
		Blue	C	3SB3930-0HA5	1	10 units	41J
		White	C	3SB3930-0HA6	1	10 units	41J
		Clear	C	3SB3930-0HA7	1	10 units	41J
 3SB3930-6BA3	Lenses, smooth For round indicator lights, plastic and metal version	Amber	C	3SB3930-6BA0	1	10 units	41J
		Red	B	3SB3930-6BA2	1	10 units	41J
		Yellow	B	3SB3930-6BA3	1	10 units	41J
		Green	B	3SB3930-6BA4	1	10 units	41J
		Blue	B	3SB3930-6BA5	1	10 units	41J
		White	B	3SB3930-6BA6	1	10 units	41J
		Clear	B	3SB3930-6BA7	1	10 units	41J
 3SB3930-6CA3	Lenses with concentric rings For round indicator lights, plastic and metal version	Amber	B	3SB3930-6CA0	1	10 units	41J
		Red	B	3SB3930-6CA2	1	10 units	41J
		Yellow	B	3SB3930-6CA3	1	10 units	41J
		Green	B	3SB3930-6CA4	1	10 units	41J
		Blue	B	3SB3930-6CA5	1	10 units	41J
		White	B	3SB3930-6CA6	1	10 units	41J
		Clear	B	3SB3930-6CA7	1	10 units	41J
Buttons and lenses for square version							
 3SB3950-0CA6	Buttons, flat For square illuminated pushbuttons and illuminated switches, plastic version	Red	B	3SB3950-0CA2	100	10 units	41J
		Yellow	B	3SB3950-0CA3	100	10 units	41J
		Green	B	3SB3950-0CA4	100	10 units	41J
		Blue	B	3SB3950-0CA5	100	10 units	41J
		White	B	3SB3950-0CA6	100	10 units	41J
		Clear	B	3SB3950-0CA7	100	10 units	41J
	 3SB3950-6AA2	Lenses, smooth For square indicator lights, plastic version	Red	B	3SB3950-6AA2	1	10 units
		Yellow	B	3SB3950-6AA3	1	10 units	41J
		Green	B	3SB3950-6AA4	1	10 units	41J
		Blue	B	3SB3950-6AA5	1	10 units	41J
		White	B	3SB3950-6AA6	1	10 units	41J
		Clear	B	3SB3950-6AA7	1	10 units	41J

¹⁾ In scope of supply of pushbuttons or indicator lights.




²⁾ Not suitable for laser inscription.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Accessories and Spare Parts

Lamps, acoustic signal transformers and keys

Selection and ordering data

Version	Rated voltage	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V								
Lamps, BA 9s bases¹⁾								
 3SB1902-0AY	Incandescent lamps 1.2 W Length up to 28 mm, max. bulb diameter 10 mm	24 AC/DC	Clear	A	3SB1902-0AY		1 10 units	41J
	Incandescent lamps 2 W Length up to 28 mm, max. bulb diameter 10 mm	6 AC/DC	Clear	A	3SX1342		1 10 units	41J
		12 AC/DC		A	3SX1343		1 10 units	41J
		24 AC/DC		A	3SX1344		1 10 units	41J
		30 AC/DC		B	3SB1902-2AF		1 10 units	41J
48 AC/DC			B	3SB1902-1AP		1 10 units	41J	
60 AC/DC		A	3SR9424		1 10 units	41J		
Incandescent lamps 2.6 W Length 28 mm, bulb diameter 10 mm	110 ... 130 AC/DC ²⁾	Clear	A	3SX1731		1 10 units	41J	
	Multi-incandescent lamps 1.2 W Endurance 25 000 h, high resistance to vibration	24 AC/DC		B	3SB1902-2BU		1 10 units	41J
 3SB3901-1PA	LED lamps, super-bright Length up to 28 mm, max. bulb diameter 10 mm, max. operational current 15 mA	24 AC/DC	Red	▶	3SB3901-1CA		1 10 units	41J
			Yellow	▶	3SB3901-1BA		1 10 units	41J
			Green	▶	3SB3901-1DA		1 10 units	41J
		48 AC/DC	Blue	B	3SB3901-1PA		1 10 units	41J
			White	B	3SB3901-1QA		1 10 units	41J
			Red	B	3SB3901-1CC		1 10 units	41J
			Yellow	B	3SB3901-1BC		1 10 units	41J
			Green	B	3SB3901-1DC		1 10 units	41J
			Blue	B	3SB3901-1PC		1 10 units	41J
		130 AC, 70 ... 90 DC, if X1 at "+ ³⁾	White	B	3SB3901-1QC		1 10 units	41J
			Red	B	3SB3901-1CD		1 10 units	41J
			Yellow	B	3SB3901-1BD		1 10 units	41J
			Green	B	3SB3901-1DD		1 10 units	41J
		230 AC, 110 ... 160 DC, if X1 at "+ ³⁾	Blue	B	3SB3901-1PD		1 10 units	41J
			White	B	3SB3901-1QD		1 10 units	41J
Red	B		3SB3901-1CF		1 10 units	41J		
Yellow	B		3SB3901-1BF		1 10 units	41J		
Green	B		3SB3901-1DF		1 10 units	41J		
230 AC/DC	Blue	B	3SB3901-1PF		1 10 units	41J		
	White	B	3SB3901-1QF		1 10 units	41J		
	Red	B	3SB3901-1CG		1 10 units	41J		
	Yellow	B	3SB3901-1BG		1 10 units	41J		
LED lamps Length up to 28 mm, max. bulb diameter 10 mm, max. operational current 15 mA	Green	B	3SB3901-1DG		1 10 units	41J		
	Blue	B	3SB3901-1PG		1 10 units	41J		
	White	B	3SB3901-1QG		1 10 units	41J		
	Red	D	3SB1902-4AJ		1 10 units	41J		
LED lamps, flashing (1.4 Hz) Length up to 28 mm, bulb diameter 10 mm, operational current 24 ... 29 mA	Yellow	D	3SB1902-4BJ		1 10 units	41J		
	Green	D	3SB1902-4CJ		1 10 units	41J		
	Red	B	3SB1902-4LC		1 10 units	41J		
Glow lamps⁴⁾ Length 28 mm, bulb diameter 10 mm, operational current approx. 1.8 mA	Yellow	C	3SB1902-4MC		1 10 units	41J		
	Green	C	3SB1902-4NC		1 10 units	41J		
	110 AC	Clear	A	3SX1703		1 10 units	41J	
220 AC	Clear	A	3SX1701		1 10 units	41J		
220 AC	Green	C	3SX1702		1 10 units	41J		
 3SB1902-2AD	Lamp extractors For lamps with BA 9s base			C	3SB1902-2AD		1 1 unit	41J

¹⁾ Essential accessories when using lampholders with BA 9s base and delivery without lamp.

²⁾ Also for 230 V when used with a 3SB3400-1C voltage reducer.







³⁾ Not suitable for 3SB3400-1G lampholder with separate lamp test function. Can be used with 3SB3400-1L.

⁴⁾ 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.

3SB3 Pushbuttons and Indicator Lights, 22 mm


Accessories and Spare Parts

Lamps, acoustic signal transformers and keys

Version	Rated voltage	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
V									
Lamps, Wedge bases¹⁾									
 3SB2908-1AE	Incandescent lamps Wedge base W2 × 4.6d, 1.0 W	6 AC/DC	Clear	C	3SB2908-1AA		100	10 units	41J
		12 AC/DC		B	3SB2908-1AB		100	10 units	41J
		24 AC/DC		B	3SB2908-1AC		100	10 units	41J
		30 AC/DC		A	3SB2908-1AD		100	10 units	41J
		48 AC/DC		B	3SB2908-1AE		1	10 units	41J
		60 AC/DC		B	3SB2908-1AF		1	10 units	41J
 3SB3901-1SB	LED lamps, super-bright Wedge base W2 × 4.6d, operational current 10 mA	24 AC/DC	Red	B	3SB3901-1SB		1	10 units	41J
			Yellow	B	3SB3901-1RB		1	10 units	41J
			Green	B	3SB3901-1TB		1	10 units	41J
			White	B	3SB3901-1UB		1	10 units	41J
			Blue	B	3SB2908-1BD		1	10 units	41J
			28 AC/DC	Red	B		3SB3901-1SE	1	10 units
 3SB3901-1VE			Yellow	B	3SB3901-1RE		1	10 units	41J
			Green	B	3SB3901-1TE		1	10 units	41J
			White	B	3SB3901-1UE		1	10 units	41J
			Blue	C	3SB3901-1VE		1	10 units	41J
 3SB2908-2AB	Lamp extractors For lamps with bases W2 × 4.6d				3SB2908-2AB		1	1 unit	41J
 3SB1902-1AU	Lamp adapters For fitting a lamp with a wedge base socket into a BA 9s lampholder			C	3SB1902-1AU		1	1 unit	41J
Acoustic signal transformers, BA 9s base									
 3SB1902-2BN	Acoustic signal transformers For acoustic signaling devices ²⁾ operational current 25 mA, 0.6 W, sound pressure 80 dB/10 cm	24 ... 28 DC		B	3SB1902-2BN		1	1 unit	41J

¹⁾ Can be used with lamp adapters in lampholders with BA 9s base.

²⁾ For increased protection, the IP65 acoustic signaling device (complete unit) can be used.

Version	Lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Manufacturer	Lock No.								
Keys for actuators¹⁾									
 3SY1054	RONIS	SB 30	--	B	3SB3910-4A		1	1 unit	41J
	BKS	S1	--	A	3SY1066		1	1 unit	41J
	CES	LSG 1	--	B	3SB1910-2F		1	1 unit	41J
		SSG 10	--	B	3SY1054		1	1 unit	41J
		SSP 9	--	A	3SY1052		1	1 unit	41J
	O.M.R.	73038	Light blue	C	3SB1910-2L		1	1 unit	41J
		73037	Red	B	3SB1910-2M		1	1 unit	41J
		73034	Black	B	3SB1910-2N		1	1 unit	41J
73033		Yellow	D	3SB1910-2P	1	1 unit	41J		










¹⁾ Included in scope of supply of the key-operated switches and the EMERGENCY-STOP mushroom pushbuttons with lock.
Also available with special lock. Supplement Article No. with "-Z" and quote the required lock in plain text. Additional price on request.
This does not include locks for VW and main and general locking systems.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Accessories and Spare Parts

Protective covers

Selection and ordering data

Version	Use	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Protective caps¹⁾, degree of protection IP67									
Material: elastolan									
 3SB3921-0AJ	Protective caps For round version	Flat button (plastic)	Clear	B	3SB3921-0AJ		1	1 unit	41J
		Flat button (metal), raised button (plastic)	Clear	B	3SB3921-0AM		1	1 unit	41J
	• PVC	Raised button (metal)	Clear	C	3SB1902-2AN		1	1 unit	41J
 3SB3941-0AJ	Protective caps For square version	Flat button (plastic)	Clear	B	3SB3941-0AJ		1	1 unit	41J
Material: silicone									
 3SB3921-0AH	Protective caps For round version	Flat button (plastic)	Clear	B	3SB3921-0AH		1	1 unit	41J
		Flat button (metal), raised button (plastic)	Clear	B	3SB1902-0AK		1	1 unit	41J
	 3SB1902-0AK		Raised button (metal)	Clear	B	3SB1902-0AN		1	1 unit
 3SB1902-0AN									
 3SB3921-0BA	Protective caps For round version	Selector switch (plastic and metal, normal handle)	Clear	B	3SB3921-0BA		1	1 unit	41J
 3SB1902-2BH	Protective caps For round version	Mushroom push-pull button, Ø 40 mm (plastic and metal)	Clear	B	3SB1902-2BH		1	1 unit	41J
		EMERGENCY-STOP mushroom pushbutton, Ø 40 mm (plastic and metal)	Clear	B	3SB3921-0BU		1	1 unit	41J
 3SB3921-0BU									
 3SB3941-0AH	Protective caps For square version	Flat button (plastic)	Clear	B	3SB3941-0AH		1	1 unit	41J

¹⁾ No protective caps can be used with 3SB38 plastic enclosures.
For the 3SB38 metal enclosures, protective caps can only be used together with single-pole contact blocks for front plate mounting. In addition, the base plate must be removed.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Accessories and Spare Parts

Protective covers

Version	Use	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Other protective caps¹⁾									
 3SB1902-0AL	Sealable caps For round version	Flat button (plastic)	Black	B	3SB1902-0AL		1	1 unit	41J
		Flat button (metal), raised button (plastic) ²⁾	Clear	B	3SB1902-2AR		1	1 unit	41J
 3SB1902-2AR									
 3SB3921-0BT	Dust covers For use in dusty environments	BKS, CES, O.M.R. key-operated switch	Clear	B	3SB3921-0BT		1	1 unit	41J
Protective collars for front plates									
 3SB3921-0AX	Protective collars for EMERGENCY-STOP³⁾ For round version	EMERGENCY-STOP mushroom pushbutton without key-operated switch	Yellow	B	3SB3921-0AK		1	1 unit	41J
		EMERGENCY-STOP mushroom pushbutton with key-operated switch	Gray	C	3SB3921-0AP		1	1 unit	41J
			Yellow	B	3SB3921-0AX		1	1 unit	41J
 3SB3921-0CG	Protective collars for EMERGENCY-STOP for 5 padlocks³⁾ For round version	3SB3...-1AA20 EMERGENCY-STOP mushroom pushbutton	Yellow	B	3SB3921-0CG		1	1 unit	41J
 3SB3921-0AS	Sun collars For round version	Illuminated pushbuttons	Black	B	3SB3921-0AS		1	1 unit	41J
Blanking plugs for spare command points for front plates									
 3SB3921-0AA	Blanking plugs For round version	Plastic version	Black	▶	3SB3921-0AA		1	10 units	41J
 3SB3941-0AA	Blanking plugs For square version	Plastic version	Black	B	3SB3941-0AA		1	1 unit	41J
 3SB1902-0AQ	Blanking plugs (plastic) for round version	Metal version	Alu-minized	B	3SB1902-0AQ		1	10 units	41J

¹⁾ Unsuitable for mounting in 3SB38 enclosures.
Not to be used with label holder.

²⁾ Maximum control panel thickness 2 mm.







³⁾ The protective collar must only be used to protect against inadvertent actuating and must be fitted to allow unimpeded actuation of the EMERGENCY-STOP mushroom pushbutton.

3SB3 Pushbuttons and Indicator Lights, 22 mm

Accessories and Spare Parts

Miscellaneous accessories

Selection and ordering data

Version	Use	Inscriptions	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Yellow name plates for EMERGENCY-STOP									
For use on front plates									
	Name plates, round Self-adhesive, external diameter 60 mm, internal diameter 23 mm	EMERGENCY-STOP mushroom pushbutton (round version)	Blank	B	3SB3921-0DY		1	1 unit	41J
			Customized inscription ¹⁾	B	3SB3921-0DZ K1Y		1	1 unit	41J
	Name plates, round Self-adhesive, external diameter 80 mm, internal diameter 23 mm	EMERGENCY-STOP mushroom pushbutton (round version)	Blank	B	3SB3921-0AB		1	1 unit	41J
			4 languages, de ²⁾ , en, it, es	B	3SB3921-0BW		1	1 unit	41J
			NOT-HALT	B	3SB3921-0AC		1	1 unit	41J
			NOT-AUS	B	3SB3921-0CK		1	1 unit	41J
			EMERGENCY STOP	B	3SB3921-0AD		1	1 unit	41J
			ARRET D'URGENCE	B	3SB3921-0AG		1	1 unit	41J
3SB3921-0BW	Name plates, round Self-adhesive, external diameter 80 mm, cutout 26 mm x 26 mm	EMERGENCY-STOP mushroom pushbuttons (square version)	EMERGENZA	B	3SB3921-0AN		1	1 unit	41J
			Customized inscription ¹⁾	B	3SB3921-0AZ K1Y		1	1 unit	41J
	Name plates, round Self-adhesive, external diameter 80 mm, cutout 26 mm x 26 mm	EMERGENCY-STOP mushroom pushbuttons (square version)	Blank	B	3SB3941-0AB		1	1 unit	41J
			NOT-HALT	B	3SB3941-0AC		1	1 unit	41J
			NOT-AUS	B	3SB3941-0BX		1	1 unit	41J
			EMERGENCY STOP	B	3SB3941-0AD		1	1 unit	41J
	Name plates, round 1 mm thick, external diameter 75 mm, internal diameter 22.5 mm	EMERGENCY-STOP mushroom pushbutton (round version)	Blank	B	3SB1902-2BA		1	1 unit	41J
			NOT-HALT	B	3SB1902-2BB		1	1 unit	41J
			NOT-AUS	B	3SB3921-0CH		1	1 unit	41J
3SB3921-0DA	Name plates, illuminated, round self-adhesive, external diameter 60 mm, internal diameter 23 mm ³⁾	EMERGENCY-STOP mushroom pushbutton (round version)	Blank	▶	3SB3921-0DA		1	1 unit	41J
			NOT-HALT	▶	3SB3921-0DK		1	1 unit	41J
			NOT-AUS	B	3SB3921-0DC		1	1 unit	41J
			EMERGENCY STOP	B	3SB3921-0DD		1	1 unit	41J
As signaling device for EMERGENCY-STOP, with plug-in terminal for 24 V AC/DC ⁴⁾									
Inscription labels									
	Inscription labels For supporting dust resistance	Contact blocks		B	3SB3901-0CH		100	10 units	41J
	Unit labeling plates	Contact blocks		B	3TX4210-0H		100	100 units	41B
3TX4210-0H									

¹⁾ The customized inscription, e.g. in other languages than specified in the table, occurs in capital letters according to the order code "**K1Y**" (compare "Options" page 13/79).

²⁾ With German inscription "NOT-HALT"

³⁾ For front plate thickness of max. 4 mm.

⁴⁾ The illuminated label can also be operated through the AS-Interface F adapter (see page 13/69).

3SB3 Pushbuttons and Indicator Lights, 22 mm

Accessories and Spare Parts

Miscellaneous accessories

Version	Use	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Holders and pressure plates							
 3SB3901-0AB	Holders For snapping on 3 blocks ¹⁾		▶ 3SB3901-0AB		100	20 units	41J
 3SB3901-0AC	Holders with pressure plate For actuating the central contact block of 3 contact blocks ²⁾		▶ 3SB3901-0AC		100	10 units	41J
 3SB3901-0AW	Pressure plates For actuating the central contact block of 3 contact blocks ²⁾	B	3SB3901-0AW		100	10 units	41J
Holders for commanding and signaling elements³⁾							
 3SB3931-0AA	Holders For plastic version, round		▶ 3SB3931-0AA		1	10 units	41J
 3SB3951-0AA	Holders For plastic version, square	B	3SB3951-0AA		1	1 unit	41J
 3SB3931-0AC	Holders For metal version, round		▶ 3SB3931-0AC		1	10 units	41J
 3SB3921-0BD	Grounding screws For grounding metal actuators for fitting in front plates and enclosures made of non-conducting materials, e.g. 3SB38 plastic enclosures	B	3SB3921-0BD		100	50 units	41J

¹⁾ The holder for illuminated commanding devices is included in the scope of supply.

²⁾ The pressure plates can be removed one by one to meet individual requirements.

³⁾ The matching holder for actuators and indicators is included in the scope of supply (exception: Order with order code "B01").

3SB3 Pushbuttons and Indicator Lights, 22 mm

Accessories and Spare Parts

Miscellaneous accessories

Version	Use	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Tools								
	Blanking tools 26 mm x 26 mm, for square version		B	3SB3941-0AF		1	1 unit	41J
3SB3941-0AF								
	Hole drilling templates For 30 mm x 30 mm grid, horizontal, for round and square versions		C	3SB1902-2BG		1	1 unit	41J
3SB1902-2BG								
	Mounting tools (plastic) For buttons and lenses, metal version		B	3SB3921-0BC		1	1 unit	41J
3SB3921-0BC								
	Mounting tools For potentiometer drives and for pushbuttons with extended stroke		C	3SX1707		1	1 unit	41J
3SX1707								
	Dismantling tools For contact blocks and lampholders	Blocks with screw terminals	C	3SB3901-0CB		1	1 unit	41J
3SB3901-0CB								
	Dismantling tools For contact blocks and lampholders	With spring- type terminals	C	3SB3901-0CG		1	1 unit	41J
Various accessories								
	Single frames For square design of the round version	Black	C	3SB3921-0AU		1	1 unit	41J
3SB3921-0AU								
	Adapter parts Adapters for 30.5 mm mounting hole, comprising a metal disk with an adhesive layer on one side, degree of protection IP65	As thrust ring for a thin molded-plastic front plate	B	3SB3921-0AE		1	1 unit	41J
3SB3921-0AE								
	Printed circuit board holders For mounting the command devices on the printed circuit board (screw is included in the scope of supply)	Contact blocks and lamp- holders for solder connection	B	3SB3901-0AA		100	10 units	41J
3SB3901-0AA								
	Extension plungers For compensation of the distance between a pushbutton and the unlatching button of an overload relay	Pushbuttons with extended stroke	A	3SX1335		1	1 unit	41J
3SX1335								

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

General data

Overview



Enclosures with standard and customized equipment

Enclosed pushbuttons and indicator lights are used as hand operated control devices for separately allocated control units and cabinets.

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

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

The following versions are available:

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

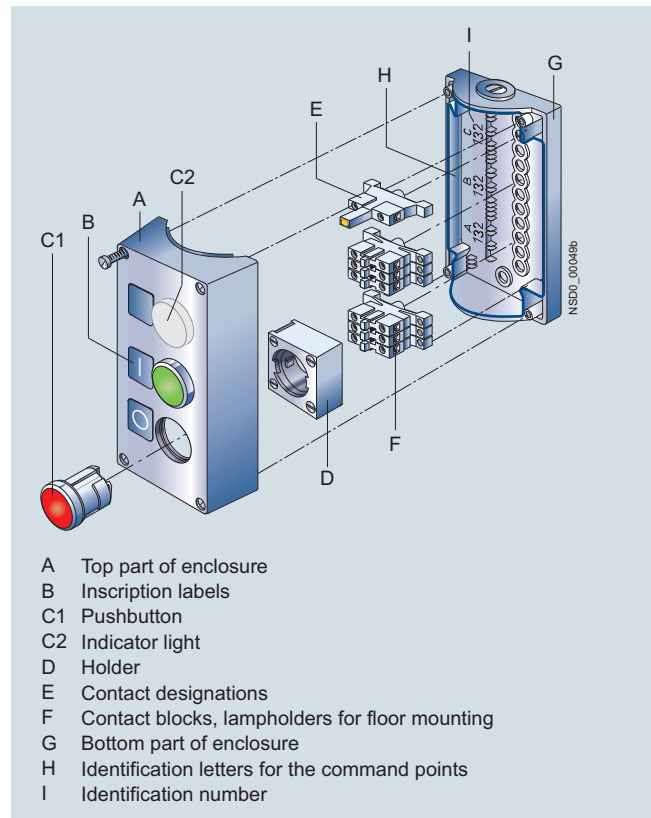
Customized enclosures

On request enclosures with more than 6 command points can also be supplied with AS-Interface connection.

Use the configurator for selection.

For AS-Interface enclosures [see page 13/98](#).

Enclosures with standard fittings



- A Top part of enclosure
- B Inscription labels
- C1 Pushbutton
- C2 Indicator light
- D Holder
- E Contact designations
- F Contact blocks, lampholders for floor mounting
- G Bottom part of enclosure
- H Identification letters for the command points
- I Identification number

Standards

IEC 60947-5-1, EN 60947-5-1

Application

The devices are climate-proof (KTW 24) according to EN ISO 6270-2 and suitable for stationary use (weather-protected) and for use in marine applications.

Technical specifications

Type	3SB380.-0, 3SB380.-1	3SB380.-2, 3SB380.-3
Enclosures		
Enclosure material	Plastic	Metal
Actuators and indicators	Plastic, round	Metal, round
Degree of protection acc. to IEC 60529	IP65	IP67 and NEMA Type 4
Climatic withstand capability according to EN ISO 6270-2	KTW 24	
Shock resistance according to IEC 60068-2-27 for half-sine shock type, 11 ms shock duration		
• Devices without incandescent lamp	≤ 50 g	
• Devices with incandescent lamp	≤ 30 g	
Vibration resistance acc. to IEC 60068-2-6		
• Acceleration at frequency 20 ... 200 Hz	5 g	

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

Enclosures with standard fittings

Overview

Enclosures with standard fittings are available with:

- 1 to 3 command points
- Operational voltage up to 400 V
- Vertical mounting type
- Plastic enclosures are equipped with plastic actuators and indicators, metal enclosures are equipped with metal actuators and indicators
- Contact blocks and lampholders for base mounting (are snapped into the enclosure base); screw terminals (box terminals) as standard; some versions also with spring-type terminals (Article No. ends with -OCC0)



Color of enclosure cover:

- Gray, RAL 7035
- Yellow, RAL 1004 for EMERGENCY-STOP

Color of enclosure base:

- Black, RAL 9005

Selection and ordering data

Equipment	Contact block function	Number of command points	DT	Screw terminals 	Configurator 	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			

Plastic enclosures with standard fittings

Cable entry top and bottom each 1 x M20



3SB3801-0DA3







3SB3801-0F3



3SB3802-0DA3



3SB3803-0DA3

A = Pushbutton green, label "I"	1 NO	1	B	3SB3801-0DA3		1	1 unit	41J
A = Pushbutton red, label "O"	1 NC	1	B	3SB3801-0DB3		1	1 unit	41J
A = Pushbutton white, label "I"	1 NO	1	B	3SB3801-0DD3		1	1 unit	41J
A = Pushbutton black, label "O"	1 NC	1	B	3SB3801-0DE3		1	1 unit	41J
A = EMERGENCY-STOP mushroom pushbuttons, red, Ø 40 mm, with positive latching according to ISO 13850 and rotate-to-unlatch mechanism								
• With yellow top part, without protective collar	1 NC 	1	B	3SB3801-0DG3		1	1 unit	41J
	2 NC 	1	B	3SB3801-0EG3		1	1 unit	41J
• With yellow top part, with protective collar ¹⁾	1 NC 	1	B	3SB3801-0DF3		1	1 unit	41J
	2 NC 	1	B	3SB3801-0EF3		1	1 unit	41J
B = Pushbutton green, label "I"	1 NO,	2	B	3SB3802-0DA3		1	1 unit	41J
A = Pushbutton red, label "O"	1 NC							
B = Pushbutton white, label "I"	1 NO,	2	B	3SB3802-0DB3		1	1 unit	41J
A = Pushbutton black, label "O"	1 NC							
C = Indicator light clear, label without inscription,	BA 9s ²⁾ ,	3	B	3SB3803-0DA3		1	1 unit	41J
B = Pushbutton green, label "I",	1 NO,							
A = Pushbutton red, label "O"	1 NC							
C = Pushbutton black, label "II"	1 NO,	3	C	3SB3803-0DB3		1	1 unit	41J
B = Pushbutton black, label "I",	1 NO,							
A = Pushbutton red, label "O"	1 NC							
C = Indicator light clear, label without inscription,	BA 9s ²⁾ ,	3	C	3SB3803-0DC3		1	1 unit	41J
B = Pushbutton white, label "I",	1 NO,							
A = Pushbutton black, label "O"	1 NC							

 For online configurator see www.siemens.com/sirius/configurators




 Positive opening according to IEC 60947-5-1, Appendix K. Can be used with 3SK1, 3TK28 safety relays or the 3RK3 Modular Safety System; see Chapter 11, "Safety Technology".

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⁾ Only lampholder; order lamp separately.














3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

Enclosures with standard fittings

Equipment	Contact block function	Number of command points	DT	Screw terminals 	Spring-type terminals ²⁾ 	Configurator 	Article No.	Price per PU	PU PS* (UNIT, SET, M)	PG
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Metal enclosures with standard fittings

Cable entry top and bottom each 1 x M20

	A = Pushbutton green, label "I"	1 NO	1	B	3SB3801-2DA3			1	1 unit	41J
	A = Pushbutton red, label "O"	1 NC	1	B	3SB3801-2DB3			1	1 unit	41J
	A = Pushbutton white, label "I"	1 NO	1	B	3SB3801-2DD3			1	1 unit	41J
	A = Pushbutton black, label "O"	1 NC	1	B	3SB3801-2DE3			1	1 unit	41J
	A = EMERGENCY-STOP mushroom pushbuttons, red, Ø 40 mm, with positive latching according to ISO 13850 and rotate-to-unlatch mechanism									
	• With yellow top part, without protective collar	1 NC 	1	B	3SB3801-2DG3			1	1 unit	41J
		2 NC 	1	B	3SB3801-2EG3			1	1 unit	41J
	- With M12 plug	2 NC  ²⁾	1	C	3SB3801-2EG10-0CC0			1	1 unit	41J
	• With yellow top part, with protective collar ¹⁾	1 NC 	1	B	3SB3801-2DF3			1	1 unit	41J
		2 NC 	1	B	3SB3801-2EF3			1	1 unit	41J
	A = EMERGENCY-STOP mushroom pushbuttons, red, Ø 60 mm, with positive latching according to ISO 13850 and rotate-to-unlatch mechanism									
	• With yellow top part, with protective collar for 5 padlocks ¹⁾	2 NC 	1	B	3SB3801-2EA30			1	1 unit	41J
		2 NC  ²⁾	1	B	3SB3801-2EA30-0CC0			1	1 unit	41J
	A = mushroom pushbutton, Ø 60 mm, black, with positive latching and rotate-to-unlatch mechanism									
	• With gray top part, with protective collar for 5 padlocks ¹⁾	2 NC ²⁾	1	B	3SB3802-2EB30-0CC0			1	1 unit	41J
	B = Pushbutton green, label "I"	1 NO,	2	B	3SB3802-2DA3			1	1 unit	41J
	A = Pushbutton red, label "O"	1 NC								
	B = Pushbutton white, label "I"	1 NO,	2	B	3SB3802-2DB3			1	1 unit	41J
	A = Pushbutton black, label "O"	1 NC								
	C = Indicator light clear, label without inscription,	BA 9s ³⁾ ,	3	B	3SB3803-2DA3			1	1 unit	41J
	B = Pushbutton green, label "I",	1 NO,								
	A = Pushbutton red, label "O"	1 NC								
	C = Pushbutton black, label "II"	1 NO,	3	B	3SB3803-2DB3			1	1 unit	41J
	B = Pushbutton black, label "I",	1 NO,								
	A = Pushbutton red, label "O"	1 NC								
	C = Indicator light clear, label without inscription,	BA 9s ³⁾ ,	3	B	3SB3803-2DC3			1	1 unit	41J
	B = Pushbutton white, label "I",	1 NO,								
	A = Pushbutton black, label "O"	1 NC								

 For online configurator see www.siemens.com/sirius/configurators

 Positive opening according to IEC 60947-5-1, Appendix K. Can be used with 3SK1, 3TK28 safety relays or the 3RK3 Modular Safety System; see Chapter 11, "Safety Technology".

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⁾ **-0CC0**: Contact blocks with spring-type terminals.

³⁾ Only lampholder; order lamp separately.

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

Empty enclosures

Selection and ordering data

Version	Number of command points	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU		

Empty enclosures, plastic



3SB3802-0AA3

**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 base mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening), with gray top part

1	B	3SB3801-0AA3	1	1 unit	41J
2	B	3SB3802-0AA3	1	1 unit	41J
3	B	3SB3803-0AA3	1	1 unit	41J
4	B	3SB3804-0AA3	1	1 unit	41J
6	B	3SB3806-0AA3	1	1 unit	41J



3SB3801-0AB3

For EMERGENCY-STOP, for contact blocks and accessories with snap-on base 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	3SB3801-0AB3	1	1 unit	41J
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- With yellow top part, with protective collar¹⁾

1	B	3SB3801-0AD3	1	1 unit	41J
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Empty enclosures, metal



3SB3804-2AA3

**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 base mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening), with gray top part

1	B	3SB3801-2AA3	1	1 unit	41J
2	B	3SB3802-2AA3	1	1 unit	41J
3	B	3SB3803-2AA3	1	1 unit	41J
4	B	3SB3804-2AA3	1	1 unit	41J
6	B	3SB3806-2AA3	1	1 unit	41J



3SB3801-2AB3

For EMERGENCY-STOP, for contact blocks, lampholders and accessories with snap-on base 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	3SB3801-2AB3	1	1 unit	41J
---	---	---------------------	---	--------	-----

- With yellow top part, with protective collar¹⁾

1	B	3SB3801-2AD3	1	1 unit	41J
---	---	---------------------	---	--------	-----



3SB3801-2AD3

- With gray top part, with protective collar¹⁾

1	B	3SB3801-2AE3	1	1 unit	41J
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- With yellow top part, with protective collar for 3 padlocks ¹⁾, for mushroom Ø 40 mm, can be locked (BKS, CES, O.M.R.)

1	B	3SB3801-2EC3	1	1 unit	41J
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3SB3801-2EC3

⚙ For online configurator see www.siemens.com/sirius/configurators

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.

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

Customized enclosures

Overview

Customized enclosures are available with:

- 1 to 6 command points
- Operational 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 inscription label

For plastic enclosures the command points are equipped as standard with plastic actuators and indicators, for metal enclosures they are equipped with metal actuators and indicators.

For cable entry in each case, a hole is provided at the top and bottom:

- For M20 for 1 to 3 command points
- For M25 for 4 and 6 command points

Ordering notes (selection by configurator)

To order customized enclosures with the 3SB3 control devices (except suspended pushbuttons), use the 3SB3/3SF5 configurator to select the blocks for equipping. An electronic order form will be generated for the additional options. Configurator [see](#)

- Electronic Catalog CA01 on DVD or
- Industry Mall, www.siemens.com/industrymall

Supplement the Article No. with the order code "**K0Y**" (as already listed in the selection table).




The list price of the complete enclosure is generated in the configurator for the customized equipment.

Please send the resulting electronic order form along with your order by e-mail to our Competence Center at

sirius-attach.aud@siemens.com

If you are unable to access either catalog, please contact our Technical Assistance.

Selection and ordering data

Version	Number of command points	DT	Configurator	PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU ¹⁾		
Plastic enclosures						
	With contact blocks and lampholders for base mounting	1	C	3SB3801-0AZ K0Y	1	1 unit 41J
		2	C	3SB3802-0AZ K0Y	1	1 unit 41J
		3	C	3SB3803-0AZ K0Y	1	1 unit 41J
		4	B	3SB3804-0AZ K0Y	1	1 unit 41J
		6	B	3SB3806-0AZ K0Y	1	1 unit 41J
	With single-pole contact blocks and lampholders for front plate mounting	1	C	3SB3801-1AZ K0Y	1	1 unit 41J
		2	C	3SB3802-1AZ K0Y	1	1 unit 41J
		3	C	3SB3803-1AZ K0Y	1	1 unit 41J
		4	B	3SB3804-1AZ K0Y	1	1 unit 41J
		6	B	3SB3806-1AZ K0Y	1	1 unit 41J
Metal enclosures						
	With contact blocks and lampholders for base mounting	1	C	3SB3801-2AZ K0Y	1	1 unit 41J
		2	C	3SB3802-2AZ K0Y	1	1 unit 41J
		3	C	3SB3803-2AZ K0Y	1	1 unit 41J
		4	C	3SB3804-2AZ K0Y	1	1 unit 41J
		6	C	3SB3806-2AZ K0Y	1	1 unit 41J
	With single-pole contact blocks and lampholders for front plate mounting	1	C	3SB3801-3AZ K0Y	1	1 unit 41J
		2	C	3SB3802-3AZ K0Y	1	1 unit 41J
		3	C	3SB3803-3AZ K0Y	1	1 unit 41J
		4	C	3SB3804-3AZ K0Y	1	1 unit 41J
		6	C	3SB3806-3AZ K0Y	1	1 unit 41J
Suspended pushbuttons						
	With holding plate and handle, customized equipment ²⁾	max. 6	D	3SB3887-1AZ K0Y	1	1 unit 41J

 For online configurator [see www.siemens.com/sirius/configurators](http://www.siemens.com/sirius/configurators)

¹⁾ The prices depend on the equipment selected.




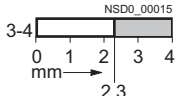
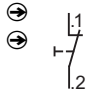
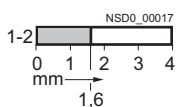

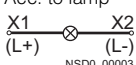
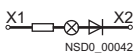

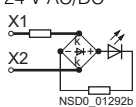
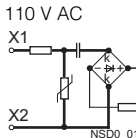
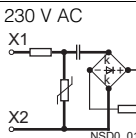

²⁾ Order forms for customized orders are available from Technical Assistance.

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

Contact blocks and lampholders

Selection and ordering data

For self-equipping of the enclosures




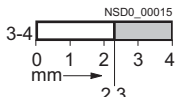

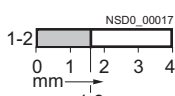
Version	Rated voltage/ Graphical symbol	Operating travel/color	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG	
		<input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open		 Article No. Price per PU				
Contact blocks for base mounting								
 3SB3420-0B	Contact blocks with one contact 1 NO 1 NO with gold-plated contacts			B	3SB3420-0B 3SB3420-0BA	1	1 unit 41J	
	1 NC 1 NC with gold-plated contacts			C	3SB3420-0C 3SB3420-0CA	1	1 unit 41J	
 3SB3420-1A	BA 9s lampholders Without lamp	Acc. to lamp 		B	3SB3420-1A	1	1 unit 41J	
	With integrated voltage reducer and with 130 V lamp (3SX1731) ¹⁾	230/240 V AC 	Clear	B	3SB3420-1C	1	1 unit 41J	
 3SB3420-1PE	Lampholders with integrated LED	24 V AC/DC 	Yellow Red Green Blue White	B	3SB3420-1PA 3SB3420-1PB 3SB3420-1PC 3SB3420-1PD 3SB3420-1PE	1	1 unit 41J 41J 41J 41J 41J	
		110 V AC 	Yellow Red Green Blue White	B	3SB3420-1QA 3SB3420-1QB 3SB3420-1QC 3SB3420-1QD 3SB3420-1QE	1	1 unit 41J 41J 41J 41J 41J	
		230 V AC 	Yellow Red Green Blue White	B	3SB3420-1RA 3SB3420-1RB 3SB3420-1RC 3SB3420-1RD 3SB3420-1RE	1	1 unit 41J 41J 41J 41J 41J	
 3SB3901-0AH	Fixpoint terminals			B	3SB3901-0AG 3SB3901-0AH 3SB3901-0AJ	1	1 unit 41J 41J	
				B		1	1 unit 41J	
				B		1	1 unit 41J	

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

¹⁾ The voltage reducer can only be used with this lamp.

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

Contact blocks and lampholders

Version	Rated voltage/ Graphical symbol	Operating travel/color DT	Spring-type terminals	PU (UNIT, SET, M)	PS*	PG		
		<input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open		Article No.	Price per PU			
Contact blocks for base mounting								
 3SB3423-0B	Contact blocks with one contact							
	1 NO		 NSD0_00015 3-4 mm	B	3SB3423-0B	1	1 unit	41J
	1 NO with gold-plated contacts			D	3SB3423-0BA	1	1 unit	41J
	1 NC		 NSD0_00017 1-2 mm	B	3SB3423-0C	1	1 unit	41J
	1 NC with gold-plated contacts			B	3SB3423-0CA	1	1 unit	41J
Lampholders with integrated LED								
	24 V AC/DC	Yellow Red Green Blue White	B B B B B	3SB3423-1PA 3SB3423-1PB 3SB3423-1PC 3SB3423-1PD 3SB3423-1PE	1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J	
	110 V AC	Yellow Red Green Blue White	B D D D D	3SB3423-1QA 3SB3423-1QB 3SB3423-1QC 3SB3423-1QD 3SB3423-1QE	1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J	
	230 V AC	Yellow Red Green Blue White	D B B B B	3SB3423-1RA 3SB3423-1RB 3SB3423-1RC 3SB3423-1RD 3SB3423-1RE	1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J	
Fixpoint terminals								
		Black Blue Green/Yellow	B B B	3SB3423-2F 3SB3423-2G 3SB3423-2H	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J	

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

Version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Accessories



3SB3901-0AW

Pressure plates for selector switches and key-operated switches	B	3SB3901-0AW		100	10 units	41J
For actuating the central contact block of 3 contact blocks ¹⁾						

¹⁾ The pressure plates can be removed one by one to meet individual requirements.

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

Inscription labels for enclosures

Overview

Black labels

The inscription labels (black with white inscription or silver-colored with black print) have an adhesive layer on the back. The size of the labels is 22 mm x 22 mm.

Inscriptions






The inscriptions have upper case initial letters. The typeface is Arial. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417 (see page 13/96).

Selection and ordering data

PU (UNIT) = 1
 PS* = 10 units (customized inscription: 1 unit)
 PG = 41J

Inscriptions	DT	Black		Silver-colored	
		Article No.	Price per PU	Article No.	Price per PU

Inscription labels, self-adhesive, 22 mm x 22 mm

		For self-inscription			
	Blank	B	3SB3906-1AA	B	3SB1901-3AA
		With inscription			
	Ein	B	3SB3906-1AB	B	3SB1901-3AB
	On	B	3SB3906-1EB	B	3SB1901-3EB
	Aus	B	3SB3906-1AC	B	3SB1901-3AC
	Off	B	3SB3906-1EC	B	3SB1901-3EC
	Auf Up	B	3SB3906-1AD	B	3SB1901-3AD
	Ab Down	B	3SB3906-1ED	B	3SB1901-3ED
	Ein	B	3SB3906-1AE	B	3SB1901-3AE
	Down	B	3SB3906-1EE	B	3SB1901-3EE
	Auf Open	B	3SB3906-1AD	B	3SB1901-3AD
	Zu Close	B	3SB3906-1EP	B	3SB1901-3EP
	Vor Forward	B	3SB3906-1AL	B	3SB1901-3AL
	Zurück Reverse	B	3SB3906-1EQ	B	3SB1901-3EQ
	Vor Forward	B	3SB3906-1AF	B	3SB1901-3AF
	Zurück Reverse	B	3SB3906-1EF	B	3SB1901-3EF
	Rechts Right	B	3SB3906-1AG	B	3SB1901-3AG
	Links Left	B	3SB3906-1EG	B	3SB1901-3EG
	Rechts Right	B	3SB3906-1AH	B	3SB1901-3AH
	Links Left	B	3SB3906-1EH	--	--
	Rechts Right	B	3SB3906-1AJ	B	3SB1901-3AJ
	Links Left	B	3SB3906-1EJ	--	--
	Schnell Fast	B	3SB3906-1AM	B	3SB1901-3AM
	Langsam Slow	B	3SB3906-1ER	--	--
	Betrieb Running	B	3SB3906-1AN	B	3SB1901-3AN
	Störung Fault	B	3SB3906-1ES	--	--
	Betrieb Running	B	3SB3906-1AP	B	3SB1901-3AP
	Störung Fault	B	3SB3906-1EV	B	3SB1901-3EV
	Einrichten Start	B	3SB3906-1AQ	B	3SB1901-3AQ
	Reset	B	3SB3906-1EW	--	--
	Test	B	3SB3906-1AR	B	3SB1901-3AR
	Halt Stop	B	3SB3906-1EL	B	3SB1901-3EL
	NOT-HALT	B	3SB3906-1EM	B	3SB1901-3EM
	NOT-AUS	B	3SB3906-1EN	B	3SB1901-3EN
	EMERGENCY STOP	B	3SB3906-1AK	B	3SB1901-3AK
	Lüfter Pumpe	B	3SB3906-1EK	B	3SB1901-3EK
	Kühlung	B	3SB3906-1AS	B	3SB1901-3AT
	Heizung	B	3SB3906-1AV	B	3SB1901-3AS
	Beleuchtung Filter	B	3SB3906-1EY	B	3SB1901-3EY
	Motor	B	3SB3906-1CA	--	--
	Kompressor	B	3SB3906-1CB	B	3SB1901-3CB
		B	3SB3906-1CC	--	--
		B	3SB3906-1CD	--	--
	Beleuchtung Filter	B	3SB3906-1CE	B	3SB1901-3CE
	Motor	B	3SB3906-1CF	--	--
	Kompressor	B	3SB3906-1CG	--	--
		B	3SB3906-1CH	B	3SB1901-3CH
		With graphic symbol			
	O	B	3SB3906-1MB	B	3SB1901-3MB
	I	B	3SB3906-1MC	B	3SB1901-3MC
	II	B	3SB3906-1MD	B	3SB1901-3MD
	III	B	3SB3906-1ME	B	3SB1901-3ME
	O I (horizontal)	B	3SB3906-1MF	B	3SB1901-3MF
	I O II (horizontal)	B	3SB3906-1MG	B	3SB1901-3MG
	I O (vertical)	B	3SB3906-1MH	B	3SB1901-3MH
	II O I (vertical)	B	3SB3906-1MW	C	3SB1901-3MW
	→	B	3SB3906-1NA	B	3SB1901-3NA

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

Inscription labels for enclosures

Inscriptions	DT	Black	DT	Silver-colored	
		Article No.	Price per PU	Article No.	Price per PU

Inscription labels, self-adhesive, 22 mm x 22 mm



With customized inscription

For inscriptions or symbols see "Options"

- Text line(s)
- Symbol with No.
- Any inscription or symbol

3SB3906-0XZ

B K0Y, K1Y, K2Y or K5Y

B K3Y

B K9Y

3SB1901-3XZ

B K0Y, K1Y, K2Y or K5Y

B K3Y

B K9Y

Options

Customized inscriptions

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

A letter height of 4 mm is used as standard for text inscriptions (1 to 3 lines).

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

Examples for customized inscription



Two-line inscription in upper/lower case lettering (K0Y)



Single-line inscription in upper case lettering (K1Y)



Three-line inscription in lower case letters (K2Y)



Symbol number 5011 according to IEC 60417 (K3Y)



Any symbol according to order form supplement (K9Y)

Ordering notes

Append the following order codes to the Article No.:

- Text line in upper/lower case, always upper case 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**
- Symbol with number according to ISO 7000 or IEC 60417: **K3Y**
- Any inscription or symbol according to order form supplement: **K9Y**

When ordering, specify the required inscription in plain text in addition to the Article No. 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 multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 = Lower". For long words you can also specify the end-of-line division (see ordering example 1).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see ordering example 2 and 3).

For special symbols (order code K9Y), a CAD drawing in DXF format should be submitted to:

sirius-attach.aud@siemens.com

Ordering example 1

A label with 2 lines of text is required:

3SB3906-0XZ
K1Y
Z1 = LIFT
Z2 = LOWER

Ordering example 2

A label inscribed with symbol No. 5011 according to IEC 60417 is required:

3SB3906-0XZ
K3Y
Z = 5011 IEC

Ordering example 3











A label inscribed with symbol No. 1118 according to ISO 7000 is required:

3SB3906-0XZ
K3Y
Z = 1118 ISO

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures

Accessories for enclosures

Selection and ordering data

Version	Color/ inscription	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Blanking plugs for spare command points							
 3SB3921-0AA	Blanking plugs For plastic version, round	Black	▶ 3SB3921-0AA		1	10 units	41J
 3SB1902-0AQ	Blanking plugs (plastic) For metal version, round	Aluminized	B 3SB1902-0AQ		1	10 units	41J
Holders and pressure plates							
 3SB3901-0AB	Holders for pushbuttons and switches For snapping on 3 blocks, ¹⁾ for front plate mounting		▶ 3SB3901-0AB		100	20 units	41J
 3SB3901-0AC	Holders for selector switches and key-operated switches with pressure plate For actuating a central contact block, for front plate mounting ²⁾		▶ 3SB3901-0AC		100	10 units	41J
 3SB3901-0AW	Pressure plates for selector switches and key-operated switches For actuating a central contact block, for base mounting ²⁾		B 3SB3901-0AW		100	10 units	41J
Accessories for enclosures							
 3SB1902-1AQ	Yellow name plates As backing plate for EMERGENCY-STOP, self-adhesive	Without inscription	D 3SB1902-1AQ		1	1 unit	41J
		With inscription	B 3SB1902-2AQ		1	1 unit	41J
		• NOT-HALT	B 3SB3921-0CJ		1	1 unit	41J
		• NOT-AUS	B 3SB3921-0BV		1	1 unit	41J
 3SB3901-0CK	M20 cable gland incl. hexagonal nut		B 3SB3901-0CK		1	1 unit	41J
		M25 cable gland incl. hexagonal nut	B 3SB3901-0CM		1	1 unit	41J
 3SB3901-0CL	M20 hexagonal nuts For cable glands		B 3SB3901-0CL		100	10 units	41J
		M25 hexagonal nuts For cable glands	B 3SB3901-0CN		100	10 units	41J
 3SB3901-0CS	Connecting pieces For connecting 2 plastic enclosures		B 3SB3901-0CS		1	1 unit	41J
		• M20/M20	B 3SB3901-0CT		1	1 unit	41J
		• M20/M25 ³⁾	B 3SB3901-0CU		1	1 unit	41J
 3SB3901-0CP	Connecting pieces For connecting 2 metal enclosures	• M25/M25	B 3SB3901-0CP		1	1 unit	41J
		• M20/M20	B 3SB3901-0CQ		1	1 unit	41J

¹⁾ The holder for illuminated commanding devices is included in the scope of supply.

²⁾ The pressure plates can be removed one by one to meet individual requirements.

³⁾ Not suitable for plastic enclosures with 6 command points.

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures for AS-Interface

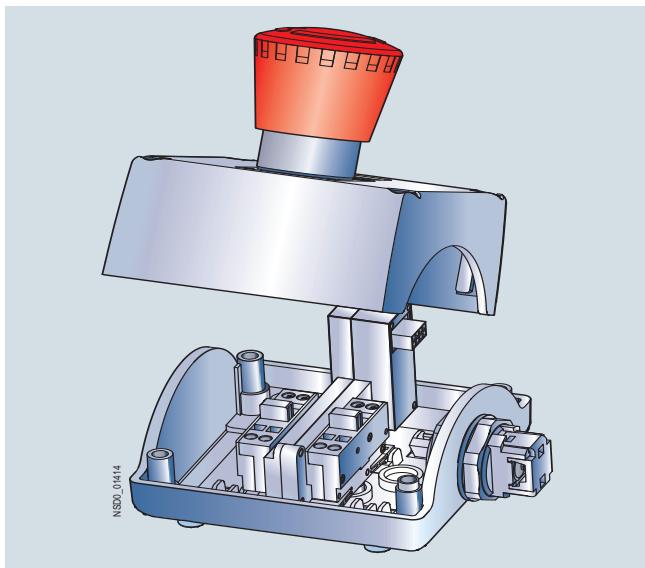
General data

Overview



AS-Interface enclosures with customized equipment

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.



EMERGENCY-STOP enclosures

Enclosures

Color of enclosure cover:

- Gray, RAL 7035
- Yellow, RAL 1004, for EMERGENCY-STOP

Color of enclosure base:

- Black, RAL 9005

Installation of AS-Interface slaves

The following slave types are available for connecting the command points:

- Slave in A/B technology with 4 inputs and 3 outputs
- Slave with 4 inputs and 4 outputs
- F Slave with two secure inputs for EMERGENCY-STOP mushroom pushbutton

The following table shows the maximum number of equippable slaves:

Enclosures for	Number of slaves for enclosures without EMERGENCY-STOP	Number of slaves for enclosures with EMERGENCY-STOP
1 command point	Not available	1 x 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⁾ Applies to plastic enclosures. For metal enclosures with 4 command points, only 1 x slave 4I/4O or 4I/3O is possible.

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 AS-Interface can be selected between:

- Terminal for shaped AS-Interface cable. The cable is contacted by the insulation piercing 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 command 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 slave 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.

Customized enclosures (selection by configurator)

To order customized 3SF58 AS-Interface enclosures with the 3SB3 control devices, use the 3SB3/3SF5 configurator to select the blocks for equipping. An electronic order form will be generated for the additional options.

Related ordering notes see [page 13/92](#).

3SB3 Pushbuttons and Indicator Lights, 22 mm

Enclosures for AS-Interface

AS-Interface enclosures with standard fittings

Overview

Enclosures with standard fittings are available with:

- 1 to 3 command points
- Operational voltage through AS-Interface (approx. 30 V)
- Vertical mounting type
- Plastic enclosures are equipped with plastic actuators and indicators, metal enclosures are equipped with metal actuators and indicators

The enclosures without EMERGENCY-STOP each have one user module with 4I/3O; the enclosures with EMERGENCY-STOP mushroom pushbuttons have a safe AS-Interface slave integrated in the enclosure.

Enclosures with EMERGENCY-STOP mushroom pushbuttons are fitted with two NC contact blocks, which are wired to the safe slave. The contact blocks and lampholders (with spring-type terminals) of the control device, and the AS-Interface slaves, are mounted in the base of the enclosure and are cable-connected.

The plastic enclosures are designed with a connection for the AS-Interface flat cable (the cable is run along the outside of the enclosure). For metal enclosures, the AS-Interface cable is run inside the enclosure.

The housing with EMERGENCY-STOP mushroom pushbuttons with an M12 connector is also available.

Selection and ordering data

Equipping options (A, B, C = identification letters of the command points)	No. of command points	DT	Configurator Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
AS-Interface enclosures, plastic							
With M12 top connector							
A = EMERGENCY-STOP mushroom pushbuttons, red, with rotate-to-unlatch mechanism, 1 NC, 1 NC • Yellow enclosure top	1	B	3SF5811-0AA10		1	1 unit	42A
With terminal for insulation piercing method at top							
A = EMERGENCY-STOP mushroom pushbuttons, red, with rotate-to-unlatch mechanism, 1 NC, 1 NC • Yellow enclosure top • Yellow enclosure top, with protective collar ¹⁾	1 1	A A	3SF5811-0AA08 3SF5811-0AB08		1 1	1 unit 1 unit	42A 42A
B = Pushbutton green, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	2	A	3SF5812-0DA00		1	1 unit	42A
B = Pushbutton white, label "I", 1 NO A = Pushbutton black, label "O", 1 NO	2	A	3SF5812-0DB00		1	1 unit	42A
C = Indicator lights clear, label without inscription B = Pushbutton green, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	3	A	3SF5813-0DA00		1	1 unit	42A
C = Indicator lights clear, label without inscription B = Pushbutton white, label "I", 1 NO A = Pushbutton black, label "O", 1 NO	3	A	3SF5813-0DC00		1	1 unit	42A
C = Pushbutton black, label "II", 1 NO B = Pushbutton black, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	3	A	3SF5813-0DB00		1	1 unit	42A
AS-Interface enclosures, metal							
With M12 top connector							
A = EMERGENCY-STOP mushroom pushbuttons, red, with rotate-to-unlatch mechanism, 1 NC, 1 NC • Yellow enclosure top • Yellow enclosure top, with protective collar ¹⁾	1 1	C C	3SF5811-2AA10 3SF5811-2AB10		1 1	1 unit 1 unit	42A 42A
With cable gland at top							
A = EMERGENCY-STOP mushroom pushbuttons, red, with rotate-to-unlatch mechanism, 1 NC, 1 NC • Yellow enclosure top • Yellow enclosure top, with protective collar ¹⁾	1 1	A A	3SF5811-2AA08 3SF5811-2AB08		1 1	1 unit 1 unit	42A 42A
B = Pushbutton green, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	2	A	3SF5812-2DA00		1	1 unit	42A
B = Pushbutton white, label "I", 1 NO A = Pushbutton black, label "O", 1 NO	2	A	3SF5812-2DB00		1	1 unit	42A
C = Indicator lights clear, label without inscription B = Pushbutton green, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	3	A	3SF5813-2DA00		1	1 unit	42A
C = Indicator lights clear, label without inscription B = Pushbutton white, label "I", 1 NO A = Pushbutton black, label "O", 1 NO	3	A	3SF5813-2DC00		1	1 unit	42A
C = Pushbutton black, label "II", 1 NO B = Pushbutton black, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	3	A	3SF5813-2DB00		1	1 unit	42A

For online configurator see www.siemens.com/sirius/configurators














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.

3SB3 Pushbuttons and Indicator Lights, 22 mm Enclosures for AS-Interface

Components for AS-Interface enclosures

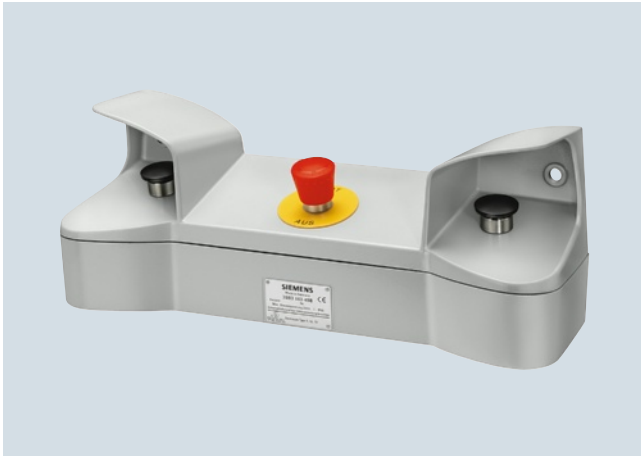
Selection and ordering data

For self-equipping of the enclosures

Version	Number of command points	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
For plastic enclosures							
 3SF5500-0BA	AS-Interface slaves F slave, 2 safe inputs, for plastic enclosure, EMERGENCY-STOP, without protective collar	1 ... 6	A	3SF5500-0BA		1	1 unit 42A
	F slave, 2 safe inputs, for plastic or metal enclosure, EMERGENCY-STOP, with protective collar	1	A	3SF5500-0DA		1	1 unit 42A
 3SF5500-0BB	A/B slave, 4I/3O for plastic enclosure	2 ... 6	A	3SF5500-0BB		1	1 unit 42A
	Slave, 4I/4O, for plastic enclosure	2 ... 6	A	3SF5500-0BC		1	1 unit 42A
Sets of links							
 3SF5900-0CA	For F slave		A	3SF5900-0BA		1	1 unit 42A
	For slave 4I/4O or A/B slave 4I(3O)		A	3SF5900-0BB		1	1 unit 42A
Connection elements							
 3SF5900-0CC	For AS-Interface shaped cable, connection by insulation piercing method, for plastic enclosure	1 ... 3	A	3SF5900-0CA		1	1 unit 42A
		4 ... 6	B	3SF5900-0CB		1	1 unit 42A
 3SF5900-0CD	For AS-Interface connection using M12 plug, for plastic enclosure	1 ... 3	B	3SF5900-0CC		1	1 unit 42A
		4 ... 6	B	3SF5900-0CD		1	1 unit 42A
 3SF5900-0CE	For bringing out unused inputs/outputs through an M12 socket, for plastic enclosure	1 ... 3	B	3SF5900-0CE		1	1 unit 42A
		4 ... 6	B	3SF5900-0CF		1	1 unit 42A
 3SF5900-0CG	For AS-Interface shaped cable, cable is routed into the enclosure, for plastic or metal enclosure	1 ... 3	A	3SF5900-0CG		1	1 unit 42A
		4 ... 6	A	3SF5900-0CH		1	1 unit 42A
 3SF5900-0CJ	For round cable, cable is routed into the enclosure, for plastic or metal enclosure	1 ... 3	A	3SF5900-0CJ		1	1 unit 42A
		4 ... 6	A	3SF5900-0CK		1	1 unit 42A
For metal enclosures							
 3SF5500-0CB	AS-Interface slaves F slave, 2 safe inputs, for metal enclosure, EMERGENCY-STOP, without protective collar	1 ... 6	A	3SF5500-0CA		1	1 unit 42A
	F slave, 2 safe inputs, for plastic or metal enclosure, EMERGENCY-STOP, with protective collar	1	A	3SF5500-0DA		1	1 unit 42A
	A/B slave, 4I/3O, for metal enclosure	2 ... 6	A	3SF5500-0CB		1	1 unit 42A
	Slave, 4I/4O, for metal enclosure	2 ... 6	A	3SF5500-0CC		1	1 unit 42A
Sets of links							
 3SF5900-0CG	For F slave		A	3SF5900-0BA		1	1 unit 42A
	For slave 4I/4O or A/B slave 4I(3O)		A	3SF5900-0BB		1	1 unit 42A
Connection elements							
 3SF5900-0CD	For AS-Interface connection using M12 plug, for metal enclosure	1 ... 3	B	3SF5900-2CC		1	1 unit 42A
		4 ... 6	B	3SF5900-2CD		1	1 unit 42A
 3SF5900-0CJ	For bringing out unused inputs/outputs through an M12 socket, for metal enclosure	1 ... 3	B	3SF5900-2CE		1	1 unit 42A
		4 ... 6	B	3SF5900-2CF		1	1 unit 42A
	For AS-Interface shaped cable, cable is routed into the enclosure, for plastic or metal enclosure	1 ... 3	A	3SF5900-0CG		1	1 unit 42A
		4 ... 6	A	3SF5900-0CH		1	1 unit 42A
	For round cable, cable is routed into the enclosure, for plastic or metal enclosure	1 ... 3	A	3SF5900-0CJ		1	1 unit 42A
		4 ... 6	A	3SF5900-0CK		1	1 unit 42A
Spare parts							
 3RK1901-3QA00	Cable clips For cable adapters		▶	3RK1901-3QA00		100	10 units 42C

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. In the case of plastic enclosures the command points are equipped as standard with actuators and indicators made of plastic, in the case of metal enclosures they are equipped with actuators and indicators made of metal.

The standard equipment comprises:

- 2 black mushroom pushbuttons, Ø 40 mm, 1 NO + 1 NC, Article No. 3SB3000-1GA11 or 3SB3500-1GA11
- 1 red EMERGENCY-STOP mushroom pushbutton according to ISO 13850, Ø 40 mm, with positive latching, 2 NC, Article No. 3SB3000-1HA20 or 3SB3500-1HA20

The plastic version can be retrofitted with up to 8 customized command 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.

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




The control command is given by pressing the two mushroom pushbuttons on the sides simultaneously (within 0.5 s of each other) and must be maintained for as long as a hazard exists.

For the further processing of control commands, suitable evaluation units are used, e.g. 3SK11 safety relays or the 3RK3 Modular Safety System (see Chapter 11, "Safety Technology").

Standards

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

Selection and ordering data

Version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Metal enclosures, degree of protection IP65							
 3SB3863-4BB	Two-hand operation consoles, metal enclosure						
		• With standard fittings	B	3SB3863-4BB	1	1 unit	41J
		• With standard fittings and 4 additional holes for 22.5 mm command devices ¹⁾	B	3SB3863-4BA	1	1 unit	41J
	• Empty enclosure, unequipped	B	3SB3863-4BC	1	1 unit	41J	
Plastic enclosures, degree of protection IP65							
 3SB3863-1BB3	Two-hand operation consoles, plastic enclosure		B	3SB3863-1BB3	1	1 unit	41J
	With standard fittings and premachined breaking points for 8 additional 22.5 mm ¹⁾ command devices, with holes for metric cable glands						
Accessories							
 3SB3901-0AQ	Stands for two-hand operation consoles		B	3SB3901-0AQ3	1	1 unit	41J
	With holes for metric cable glands						

¹⁾ See 3SB3 Pushbuttons and Indicator Lights, 22 mm, page 13/20.

3SE7, 3SF2 Cable-Operated Switches

3SE7 metal enclosures

Overview



3SE7 cable-operated switches

The cable-operated switches are used for monitoring or for EMERGENCY-STOP devices on particularly endangered system components.

As the effective range of a cable-operated switch is only limited by the length of the trip-wire, 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.

Contact blocks

The switches for wire lengths up to 50 m are supplied with 1 NO + 1 NC or 2 NC contacts and those up to 75 m with 1 NO + 3 NC contacts. The switches for wire lengths from 2 x 75 m and the conveyor belt unbalance protection device are supplied with 2 NO + 2 NC contacts.

The NC contacts of the cable-break or cable-pull signaling are positive opening. The NO contact can be used, for example, for signaling purposes.

Free position and display

Cable-operated switches with one-side operation are held in free position by the pre-tension on the turnbuckle.

On switches with interlocking, with a pretensioned cable, the locking must be deactivated beforehand in order to return the cable-operated switch to its original position.

The cable-operated switch and the conveyor belt unbalance tracker can be supplied optionally with a factory-fitted LED (red, 24 V DC). This light in innovative chip-on-board technology allows the operating state of the switch to be visible at a distance of at least 50 m.

Application

Standards

The switches are equipped with positive latching and positive NC contacts and are thus suitable for operation in EMERGENCY-STOP devices according to EN ISO 13850.

Technical specifications

Type	3SE7120	3SE7150	3SE7140	3SE7141	3SE7160	3SE7310
General data						
Standards	IEC 60947-5-1, EN 60947-5-1; IEC 60204-1, EN 60204-1; EN ISO 13850					
Approvals	UL/CSA					
Electrical design	Contacts electrically isolated from each other					
Electrical load	<ul style="list-style-type: none"> • 2-pole, at AC-15 • 3-pole, at AC-15 • 4-pole, at AC-15 • Minimum 					
	400 V AC, 6 A		400 V AC, 6 A	250 V AC, 2 A	400 V AC, 6 A	--
	250 V AC, 2 A		--	--	--	--
	--		--	--	400 V AC, 6 A	400 V AC, 6 A
	24 V AC/DC, 10 mA					
Short-circuit protection	A	6 (slow)				
Mechanical endurance	> 1 million operating cycles					
Contact material	Fine silver					
Operation	By pulling or breaking of wire					
Wire length, maximum	m	10	25	50	75	2 x 75
Distance between wire supports, max.	m	2.5	3	5		--
Enclosures						
Enclosure material	GD Al alloy, coated (color), dark black RAL 9005					
Cover	Shock-resistant thermoplast					
Degree of protection acc. to IEC 60529	IP65			IP67	IP65	
Ambient temperature	°C	-25 ... +70				
Mounting	Designed for M5					
Fixing spacing	mm	30 and 40				
Cable entry	2 x (M20 x 1.5)		1 x (M16 x 1.5)	3 x (M20 x 1.5)	2 x (M25 x 1.5)	
Connection type	Screw terminals M3.5, self-lifting clamp terminal					

Selection and ordering data

Version	Wire length	Contacts	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Cable-operated switches									
 3SE7120-1BH00	10	Metal enclosures, IP65 (cover made of molded plastic)							
		• Without latching, only cable pull monitoring	1 NO + 1 NC	⊕	A	3SE7120-2DD01	1	1 unit	41K
		• With latching and button reset - With yellow lid	2 NC 1 NO + 2 NC	⊕ ⊕	A A	3SE7120-1BF00 3SE7120-1BH00	1 1	1 unit 1 unit	41K 41K
 3SE7150-1BD00 3SE7150-1BH00	25	Metal enclosures, IP65 (cover made of molded plastic), with alignment window							
		• Without latching	1 NO + 1 NC	⊕	A	3SE7150-2DD00	1	1 unit	41K
		• With latching and button reset	1 NO + 1 NC	⊕	A	3SE7150-1BD00	1	1 unit	41K
			2 NC	⊕	A	3SE7150-1BF00	1	1 unit	41K
		- With yellow lid	1 NO + 2 NC	⊕	B	3SE7150-1BH00	1	1 unit	41K
• With latching and key unlatching	1 NO + 1 NC	⊕	B	3SE7150-1CD00	1	1 unit	41K		
 3SE7150-1BD04	25	Metal enclosures, IP65 (cover made of molded plastic), with alignment window, with LED, red, 24 V DC							
		• Without latching	1 NO + 1 NC	⊕	B	3SE7150-2DD04	1	1 unit	41K
• With latching and button reset	1 NO + 1 NC	⊕	B	3SE7150-1BD04	1	1 unit	41K		
 3SE7140-1B.00	50	Metal enclosures, IP65 (cover made of molded plastic)							
		• With latching and button reset	1 NO + 1 NC	⊕	A	3SE7140-1BD00	1	1 unit	41K
			2 NC	⊕	B	3SE7140-1BF00	1	1 unit	41K
		• In addition with LED, red, 24 V DC	1 NO + 1 NC	⊕	B	3SE7140-1BD04	1	1 unit	41K
• With latching and key unlatching	1 NO + 1 NC	⊕	B	3SE7140-1CD00	1	1 unit	41K		
 3SE7141-1EG10	75	Metal enclosures, IP67 (cover made of molded plastic), with EMERGENCY-STOP mushroom, with rotate-to-unlatch mechanism							
	1 NO + 3 NC	⊕	A	3SE7141-1EG10	1	1 unit	41K		
 3SE7160-1AE00	2 x 75	Metal enclosures, IP65 with actuation on both sides							
		• With latching and button reset	2 NO + 2 NC	⊕	A	3SE7160-1AE00	1	1 unit	41K
			1 NO + 1 NC	⊕	B	3SE7160-1BD00	1	1 unit	41K
• In addition with LED, red, 24 V DC	2 NO + 2 NC	⊕	B	3SE7160-1AE04	1	1 unit	41K		

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

3SE7, 3SF2 Cable-Operated Switches

3SE7 metal enclosures

Version	Contacts	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Conveyor belt unbalance trackers



3SE7310-1AE00

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

Metal enclosures, IP65

- With latching and button reset
- In addition with LED, red, 24 V DC

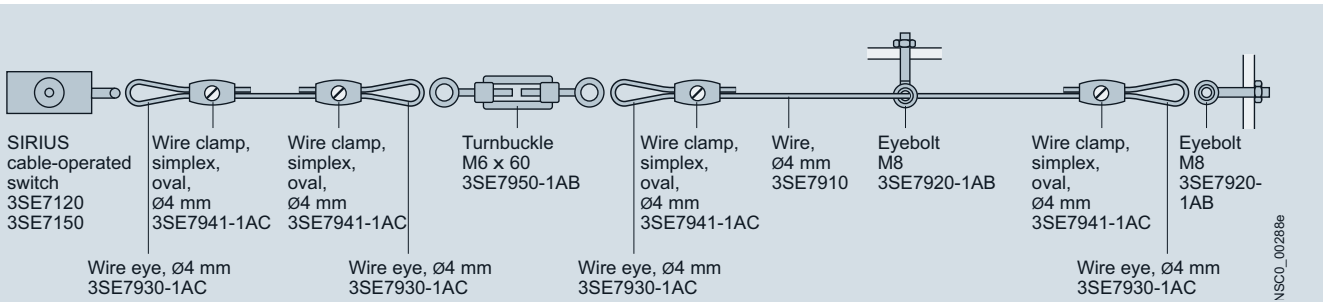
2 NO + 2 NC	☞	B	3SE7310-1AE00
2 NO + 2 NC	☞	B	3SE7310-1AE04

1	1 unit	41K
1	1 unit	41K

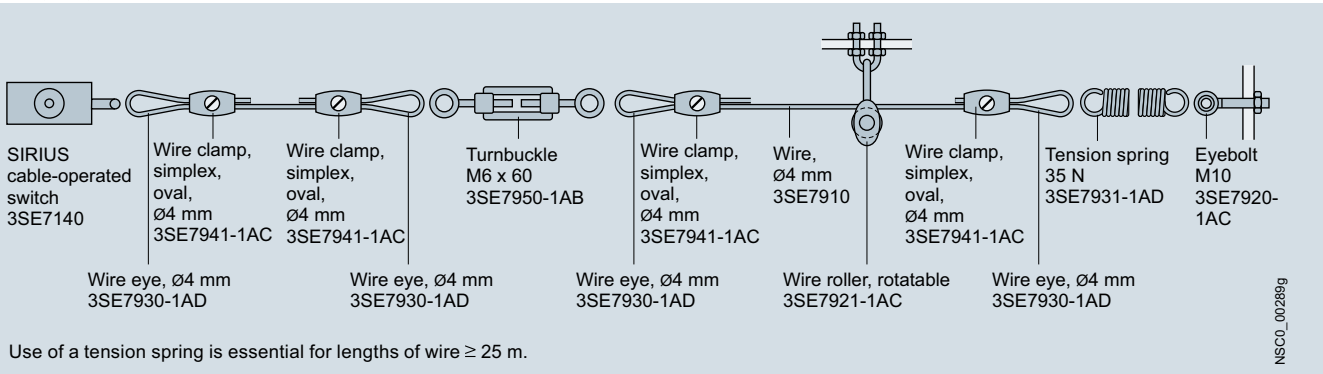
Accessories

Configuration of the cable-operated switches

Short lengths of wire up to 25 m

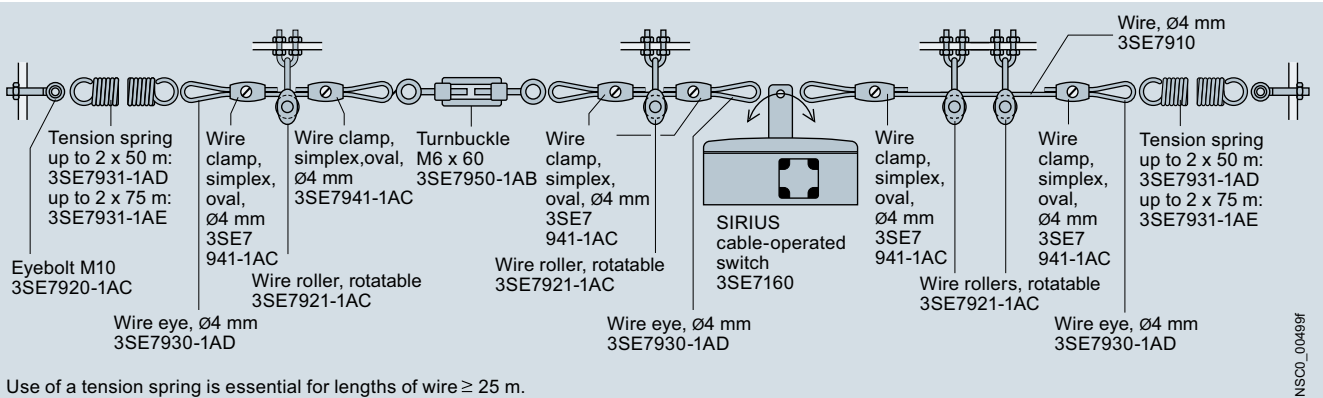


Long lengths of wire up to 50 m



Use of a tension spring is essential for lengths of wire ≥ 25 m.

Pulling from both sides up to 2 x 75 m











Use of a tension spring is essential for lengths of wire ≥ 25 m.

Note:

Large temperature fluctuations require corresponding compensation springs. For reliable connection the PVC sheath must be re-

moved from the clamping area of the steel bowden wire. Bowden wire supports must be used at the recommended intervals.

3SE7 metal enclosures

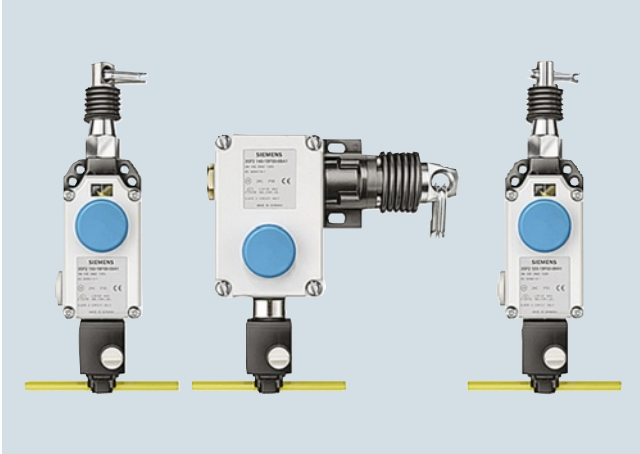
Version	Wire length/ diameter	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Trip-wire with fixing							
	Steel wires , with red plastic sheath, Ø 4 mm ¹⁾	10 m	A	3SE7910-3AA	1	1 unit	41K
		15 m	A	3SE7910-3AB	1	1 unit	41K
		20 m	A	3SE7910-3AC	1	1 unit	41K
		50 m	A	3SE7910-3AH	1	1 unit	41K
	Wire clamps , galvanized white						
	• Oval	2 x Ø 4 mm	A	3SE7941-1AC	1	1 unit	41K
	• Single (1 set = 4 units)	2 x Ø 4 mm	A	3SE7942-1AA	1	4 units	41K
	• Simplex (1 set = 4 units)	2 x Ø 4 mm	A	3SE7943-1AC	1	4 units	41K
	• Duplex (1 set = 4 units)	2 x Ø 4 mm	A	3SE7944-1AC	1	4 units	41K
	Tension springs (zinc-plated) to maintain the counter tension						
	• 13 N		A	3SE7931-1AB	1	1 unit	41K
	• 35 N, for bowden wires up to 50 m		A	3SE7931-1AD	1	1 unit	41K
	• > 35 N, for bowden wires up to 2 x 75 m		B	3SE7931-1AE	1	1 unit	41K
	Wire rollers for changing the direction of the wire, rotatable	Ø 4 mm	A	3SE7921-1AC	1	1 unit	41K
	Fixtures for the wire rollers (incl. fixing nuts)		A	3SE7921-1AA	1	1 unit	41K
	Wire eyes for changes in wire direction and improved power transmission at the fixing points (1 set = 4 units)	Ø 4 mm	A	3SE7930-1AD	1	4 units	41K
	Eyebolts for fixing the wire						
	• Including M8 nut		A	3SE7920-1AB	1	1 unit	41K
	• Including M10 nut		A	3SE7920-1AC	1	1 unit	41K
	Turnbuckles for precise adjustment of the pretension						
	• M6 x 60		A	3SE7950-1AB	1	1 unit	41K
	• M6 x 110		A	3SE7950-1AD	1	1 unit	41K
Spare parts							
	LED lamps , red 24 V DC 25 mm diameter; for M20 x 1.5 connection		B	3SX3235	1	1 unit	41K

¹⁾ Diameter including casing; the diameter of the steel wire is 3.2 mm.

3SE7, 3SF2 Cable-Operated Switches

3SF2 cable-operated switches for AS-Interface

Overview



3SF2 cable-operated switch with AS-Interface adapter

AS-Interface cable-operated switches can be directly connected via the bus system 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 devices on particularly endangered system components.

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

Standards

The switches with positive latching are suitable for operation in EMERGENCY-STOP devices according to EN ISO 13850. They can achieve up to category 4 according to EN ISO 13849-1 or SIL 3 according to IEC 61508.

Selection and ordering data

Version	Basic switches	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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ASIsafe cable-operated switches

Metal enclosures, IP65

(cover made of molded plastic), with dust protection, latching acc. to ISO 13850, with button reset, 2 NC contacts

- For wire lengths up to 10 m, with alignment window

3SE7120-1BF00 Ⓢ C

3SF2120-1BF00-0BA1

1 1 unit 42A



- For wire lengths up to 25 m, with alignment window

3SE7150-1BF00 Ⓢ C

3SF2150-1BF00-0BA1

1 1 unit 42A



- For wire lengths up to 50 m

3SE7140-1BF00 Ⓢ B

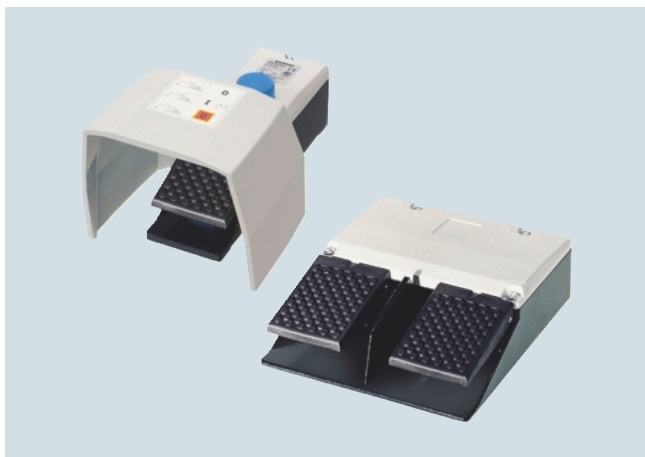
3SF2140-1BF00-0BA1

1 1 unit 42A



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

Overview



3SE29 foot switch with metal enclosure

Standard switches

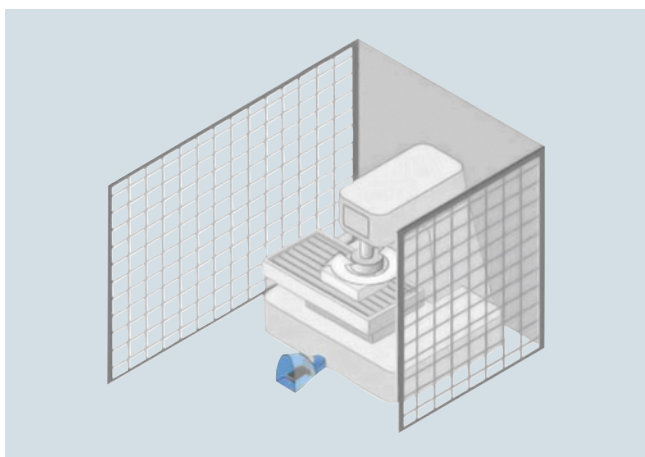
The 3SE29 and 3SE39 foot switch range encompasses versions in a metal enclosure for rugged applications as well as versions with plastic enclosure for less harsh environments. The devices can be supplied with or without a cover and have fixing holes for them to be screwed to the floor.

Depending on the particular application, the metal enclosures can be ordered in latching or momentary-contact versions. The momentary-contact pedal switch in the plastic enclosure has one microswitch (changeover contact) per actuating pedal.

Safety foot switches

The 3SE2924-3AA20 single-pedal safety foot switches are used on machines and plants as OK switches when operation by hand is not possible. The switches are interlocked according to EN ISO 13850 and bear the CE mark in accordance with the machinery directive.

The safety foot switches are protected by a guard hood against accidental operation.



Application example

The switches have two contact blocks, each with one NO contact and one NC contact. The NO contacts and NC contacts of the two contact blocks are connected for easy connection of a single-phase motor. The normal workflow is initiated by pressing down the pedal as far as the pressure point so that the two NO contacts close and the motor starts to run.

If in the event of danger the pedal is pressed beyond the resistance of the pressure point, the positively driven NC contacts will open and the motor is stopped. At the same time the independent latching takes effect and holds the NC contacts in open position. This prevents the machine parts from continuing to run out of control or from being restarted.

After the hazard is eliminated, the machine can only be restarted after manually releasing the switch using a pushbutton on the top of the enclosure. The contacts are then released again and return to their initial position (the NO contacts are open and the NC contacts are closed).

Technical specifications

Type	3SE29	3SE39
Metal and plastic enclosures		
Standards	IEC 60947-5-1	
Electrical load		
• At AC-15, 400 V		
- 1 NO + 1 NC	A 10	--
- 2 NO + 2 NC	A 6	--
- 3SE2924-3AA20 (2 NO + 2 NC)	A 10	
• At 250 V AC	A --	5
Short-circuit protection		
- 1 NO + 1 NC	A 10 (slow)	--
- 2 NO + 2 NC	A 6 (slow)	--
- 3SE2924-3AA20 (2 NO + 2 NC)	A 10 (slow)	--
- 1 CO contact	A --	5 (slow)
Mechanical endurance	> 10 ⁶ operating cycles	
Material		
• Enclosures	Aluminum casting	Impact-resistant thermoplast, self-extinguishing according to UL 94 VO
• Covers	Thermoplast	--
• Guard hoods	Aluminum casting	Metal
Degree of protection	IP65	IP65
Ambient temperature	°C -25 ... +80	-10 ... +75
Connection	Cable entry, metric	Cable AWG20, UL Style 2464, length 3 m

3SE2, 3SE3 Foot Switches

Plastic and metal enclosures

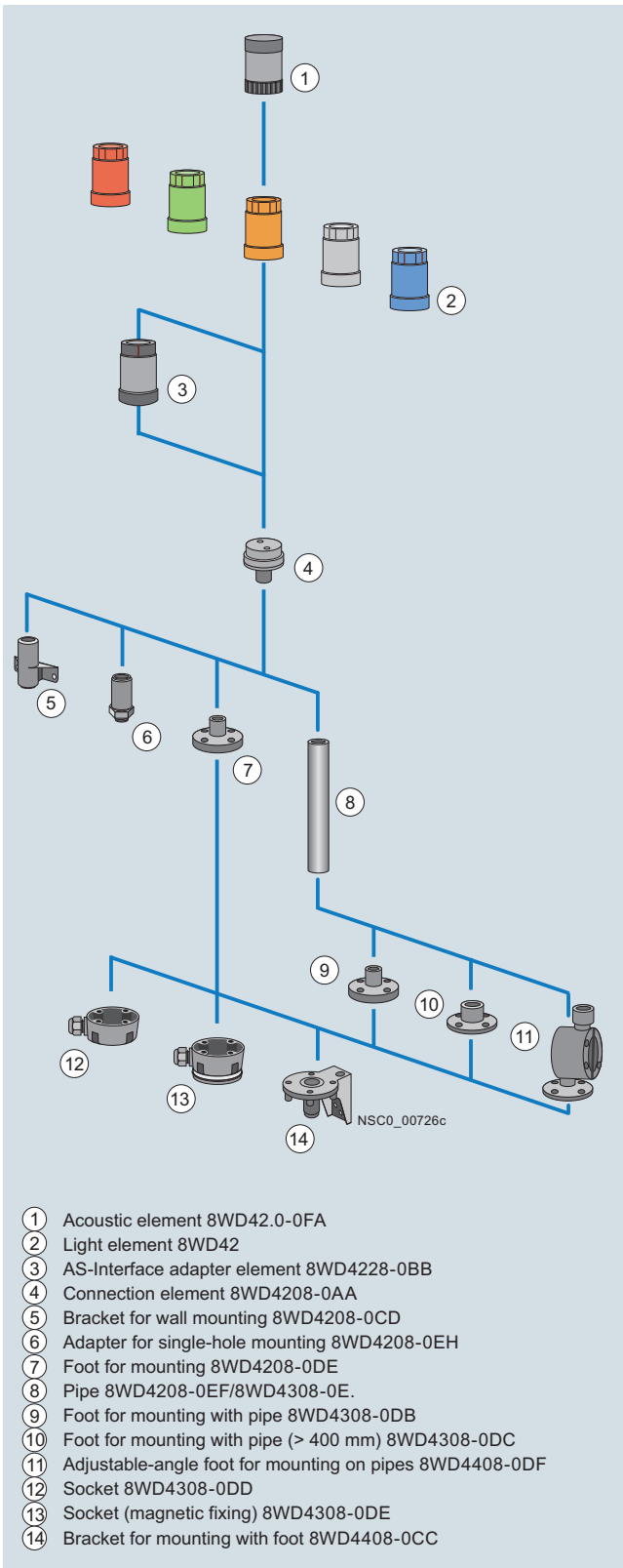
Selection and ordering data

Version	Slow-action contacts for each pedal	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Metal enclosures, degree of protection IP65								
 3SE290.-.AA20 3SE291.-.AA20	Momentary-contact foot switches, single pedal M20 x 1.5 cable entry							
	• Without hood	1 NO + 1 NC	↻ A	3SE2902-0AB20	1	1 unit	41K	
		2 NO + 2 NC	↻ A	3SE2903-1AB20	1	1 unit	41K	
	• With hood	1 NO + 1 NC	↻ A	3SE2902-0AA20	1	1 unit	41K	
	2 NO + 2 NC	↻ A	3SE2903-1AA20	1	1 unit	41K		
 3SE2912-2AB20 3SE2913-2AA20	Momentary-contact foot switches, single pedal M20 x 1.5 cable entry							
	• Without hood	1 NO + 1 NC	↻ C	3SE2912-2AB20	1	1 unit	41K	
	• With hood	1 NO + 1 NC	↻ C	3SE2912-2AA20	1	1 unit	41K	
	 3SE2932-.AB20 3SE2933-.AA20	Momentary-contact foot switches, two pedals M25 x 1.5 cable entry						
• Without hood		1 NO + 1 NC	↻ B	3SE2932-0AB20	1	1 unit	41K	
		2 NO + 2 NC	↻ B	3SE2932-1AB20	1	1 unit	41K	
• With hood		1 NO + 1 NC	↻ B	3SE2932-0AA20	1	1 unit	41K	
	2 NO + 2 NC	↻ B	3SE2932-1AA20	1	1 unit	41K		
 3SE2924-3AA20	Safety foot switches, single pedal, with hood, M20 x 1.5 cable entry, with interlock according to ISO 13850, NO closes as momentary contact type, NC opens with latching		2 NO + 2 NC	↻ C	3SE2924-3AA20	1	1 unit	41K
Plastic enclosures, degree of protection IP65								
 3SE3902-4CA20	Momentary-contact pedal switches, Microswitch 3 m cable							
	• Single pedal							
	- Without hood	1 CO contact	B	3SE3902-4CB20	1	1 unit	41K	
	- With hood	1 CO contact	B	3SE3902-4CA20	1	1 unit	41K	
 3SE3934-5CB20	• Two pedals, without hood	2 x 1 CO	B	3SE3934-5CB20	1	1 unit	41K	

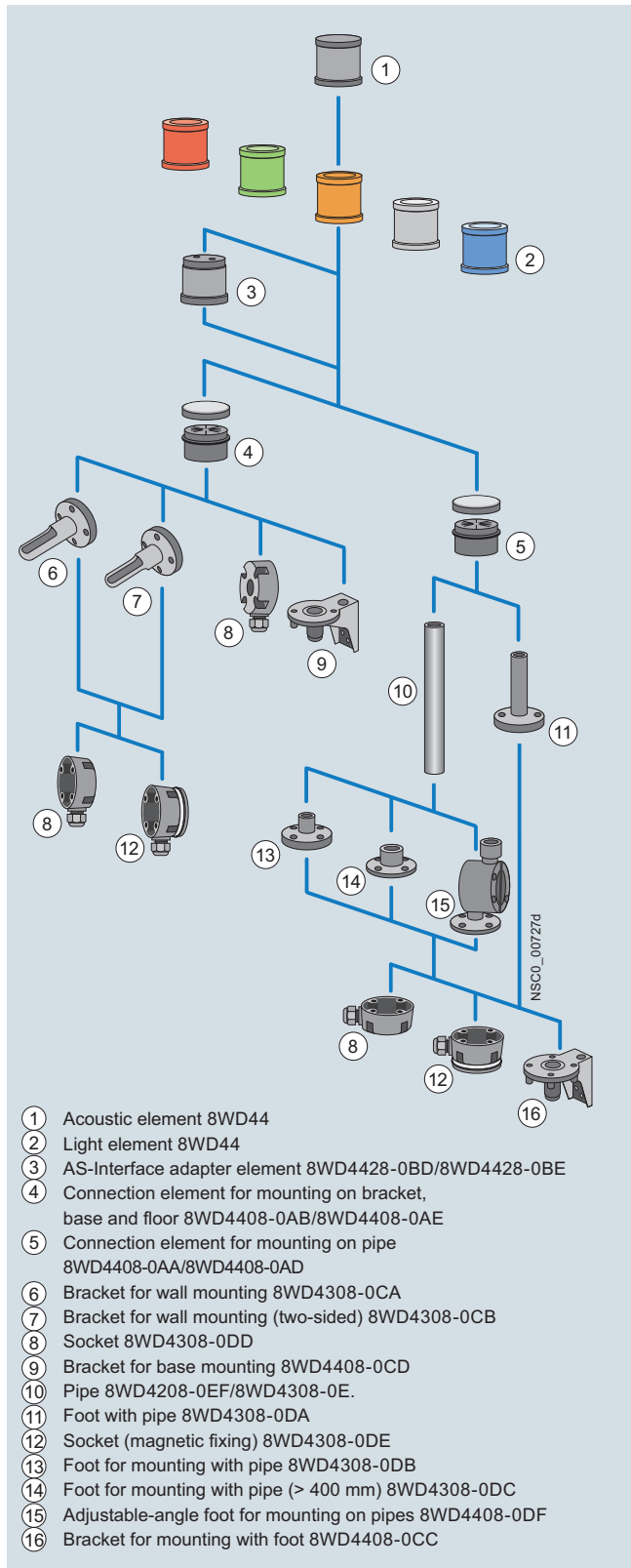
↻ Positive opening according to IEC 60947-5-1, Appendix K.

Overview

The 8WD4 signaling columns are flexible in design and versatile in use.



8WD42 signaling column (width 50 mm) with up to 4 elements



8WD44 signaling columns (width 70 mm) with up to 5 elements

8WD4 Signaling Columns

General data

Two product series are available:

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



Signaling columns, mounting examples

The illustrated examples are from the left:

- 8WD42: Cover (no No.), four light elements ②, connection element ④, pipe ⑧, foot ⑨
- 8WD44: Acoustic element with cover ①, two light elements ②, connection element ⑤, foot with pipe ⑪
- 8WD44: Cover (no No.), four light elements ②, AS-Interface adapter element ③, connection element ④, bracket for wall mounting ⑥
- 8WD44: Cover (no No.), three light elements ②, AS-Interface adapter element ③, connection element ⑤, foot with pipe ⑪

Note:

The cover is supplied with the connection element.

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 adjusted in tone and volume
- Extremely resistant to shock and vibrations
- Easy connection and quick lamp change with secure bayonet mechanism
- Communication 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 capability

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 in the column. Wiring outlay is reduced as the result. The two-wire bus cable is fixed to the terminals in the connection element. Up to four 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.

Connection

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

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 mounted on the connection element. A maximum of four signaling elements can then be mounted on it.

The 8WD4228-0BB adapter element is a standard slave.

8WD44:

The two-wire bus cable is fixed to the screw or spring-type terminals in the connection element. The adapter element must be the first module to be mounted on the connection element. The signaling elements can then be mounted on it.

The 8WD4428-0BE adapter element is a standard slave. A maximum of four signaling elements can be mounted on it.

The 8WD4428-0BD adapter element with 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. A maximum of three signaling elements can be mounted on it.

Technical specifications

Type	8WD42	8WD44
General data		
Approvals	UL, CSA	UL, CSA
Light and acoustic elements		
Rated voltage, power consumption		
Light elements with incandescent lamp	(AC values for 50/60 Hz)	(AC values for 50/60 Hz)
• Continuous light	12 V, 24 V, 115 V, 230 V AC/DC	12 V, 24 V, 115 V, 230 V AC/DC
• Blinklight	24 V AC/DC/125 mA; 115 V AC/20 mA; 230 V AC/15 mA	24 V AC/DC/125 mA; 115 V AC/20 mA; 230 V AC/15 mA
• Flashlights	--	24 V DC/125 mA; 115 V AC/20 mA; 230 V AC/35 mA
• Max. inrush current, blinklight/flashlight	--	500 mA
Light elements with integrated LED		
• Continuous light	24 V AC/DC/60 mA	24 V AC/DC/25 mA; 115 V AC/25 mA; 230 V AC/25 mA
• Blinklight	24 V AC/DC/60 mA; 115 V AC/60 mA; 230 V AC/60 mA	24 V AC/DC/40 mA
• Rotating light	--	24 V AC/DC/70 mA
Acoustic elements		
• Buzzer element (tone: pulsating or continuous tone)	80 dB: 24 V AC/DC/25 mA; 115 V AC/25 mA; 230 V AC/25 mA	85 dB: 24 V AC/DC/25 mA; 115 V AC/25 mA; 230 V AC/25 mA
• Siren element (8 tones + amplification can be set, 100 dB)	--	24 V AC/DC/80 mA; 115 V AC/30 mA; 230 V AC/16 mA
• Siren element (108 dB)	--	24 V DC/100 mA
Power consumption		
• Incandescent lamps, base BA 15d	W Max. 5	7
• Flashlight, flash energy	Ws --	2
Endurance		
• Flashlights	--	4 × 10 ⁶ flashes
AS-Interface adapter elements		
IO code/ID code	8/F	8/E
Power supply		
• Operational voltage	V 18.5 ... 31.6	Through bus cable 18.5 ... 31.6
• Power consumption I_{max}	mA 50	100
Protective measures		
• Watchdog	✓	✓
• Short-circuit/overload protection	External back-up fuse M 1.6 A	✓
• Reverse polarity protection	✓	✓
• Induction protection	N/A	✓
Outputs		
	4 relay outputs	3 solid-state outputs
• Load voltage	External auxiliary voltage V 0 ... 30 DC V 0 ... 230 AC	Through bus cable or external auxiliary voltage, switch-selectable
• Current carrying capacity ΣI_{max}		
- With external auxiliary voltage	A 1.5	0.3
- Without external auxiliary voltage	A --	0.2
Operating temperature	°C -20 ... +50	-20 ... +50
Enclosures		
Enclosure material	Thermoplast (polyamide), impact-resistant, black	Thermoplast (polyamide), impact-resistant, black
Light elements	Thermoplast (polycarbonate)	Thermoplast (polycarbonate)
Mounting		
• Horizontal (for base mounting, foot with 25 mm Ø pipe)	✓	✓
• Horizontal (single-hole mounting)	✓	--
• Vertical with bracket	✓	✓
Degree of protection		
• Light elements	IP54	IP65 (seal premounted with every module)
• Acoustic elements, AS-i adapter elements	IP54	IP65
Operating temperature	°C -20 ... +50	-20 ... +50
Connection		
• Conductor cross-sections	mm ² Max. 2.5	Spring-type terminals/M3 screw terminals Max. 2.5
• Tightening torque	Nm Max. 0.5	- / max. 0.5

8WD4 Signaling Columns

8WD42 signaling columns, 50 mm diameter

Overview

Features:

- Thermoplast enclosure, diameter 50 mm
- Degree of protection IP54
- Up to four elements can be mounted between the connection element and the cover

Selection and ordering data

Version	Rated voltage	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
V									
Acoustic elements¹⁾									
	Buzzer elements 80 dB, pulsating or continuous tone, adjustable by means of a wire jumper	24 AC/DC	Black	A	8WD4220-0FA		1	1 unit	41J
		115 AC	Black	A	8WD4240-0FA		1	1 unit	41J
		230 AC	Black	A	8WD4250-0FA		1	1 unit	41J
Light elements for incandescent lamps/LEDs, BA 15d bases²⁾									
	Continuous light elements	24 ... 230 AC/DC	Red	A	8WD4200-1AB		1	1 unit	41J
			Green	A	8WD4200-1AC		1	1 unit	41J
			Yellow	A	8WD4200-1AD		1	1 unit	41J
			Clear	A	8WD4200-1AE		1	1 unit	41J
			Blue	A	8WD4200-1AF		1	1 unit	41J
Light elements with integrated LED									
    	Continuous light elements	24 AC/DC	Red	A	8WD4220-5AB		1	1 unit	41J
			Green	A	8WD4220-5AC		1	1 unit	41J
			Yellow	A	8WD4220-5AD		1	1 unit	41J
			Clear	A	8WD4220-5AE		1	1 unit	41J
			Blue	A	8WD4220-5AF		1	1 unit	41J
		115 AC	Red	A	8WD4240-5AB		1	1 unit	41J
			Green	A	8WD4240-5AC		1	1 unit	41J
			Yellow	A	8WD4240-5AD		1	1 unit	41J
			Clear	A	8WD4240-5AE		1	1 unit	41J
			Blue	A	8WD4240-5AF		1	1 unit	41J
		230 AC	Red	A	8WD4250-5AB		1	1 unit	41J
			Green	A	8WD4250-5AC		1	1 unit	41J
			Yellow	A	8WD4250-5AD		1	1 unit	41J
			Clear	A	8WD4250-5AE		1	1 unit	41J
			Blue	A	8WD4250-5AF		1	1 unit	41J
	Blinklight elements	24 AC/DC	Red	A	8WD4220-5BB		1	1 unit	41J
			Green	A	8WD4220-5BC		1	1 unit	41J
			Yellow	A	8WD4220-5BD		1	1 unit	41J
			Clear	A	8WD4220-5BE		1	1 unit	41J
			Blue	A	8WD4220-5BF		1	1 unit	41J
		115 AC	Red	A	8WD4240-5BB		1	1 unit	41J
			Green	A	8WD4240-5BC		1	1 unit	41J
			Yellow	A	8WD4240-5BD		1	1 unit	41J
			Clear	A	8WD4240-5BE		1	1 unit	41J
			Blue	A	8WD4240-5BF		1	1 unit	41J
		230 AC	Red	A	8WD4250-5BB		1	1 unit	41J
			Green	A	8WD4250-5BC		1	1 unit	41J
			Yellow	A	8WD4250-5BD		1	1 unit	41J
			Clear	A	8WD4250-5BE		1	1 unit	41J
			Blue	A	8WD4250-5BF		1	1 unit	41J
Flashlight elements	24 AC/DC	Red	A	8WD4220-0CB		1	1 unit	41J	
		Green	A	8WD4220-0CC		1	1 unit	41J	
		Yellow	A	8WD4220-0CD		1	1 unit	41J	
		Clear	A	8WD4220-0CE		1	1 unit	41J	
		Blue	A	8WD4220-0CF		1	1 unit	41J	
Adapter elements for AS-Interface									
	AS-Interface adapter elements with external auxiliary voltage	For 4 signaling elements 24 V DC	Black	A	8WD4228-0BB		1	1 unit	41J

¹⁾ One acoustic element can be mounted per signaling column. The cover is included in the scope of supply of the acoustic elements and fixed in place.

²⁾ The lamp is not included in the scope of supply. Please order separately.

8WD4 Signaling Columns

8WD42 signaling columns, 50 mm diameter

Version	Rated voltage	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V								
Connection elements								
	Connection elements with cover For mounting on pipes, floors and angles Essential part for assembling the signaling columns	Black	A	8WD4208-0AA		1	1 unit	41J
Mounting								
	Feet, single	Plastic, for mounting on pipes Metal, for pipe lengths > 400 mm Plastic, for base mounting (without pipe)	A A A	8WD4308-0DB 8WD4308-0DC 8WD4208-0DE		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
	Adjustable-angle feet for positioning in 7.5° increments ¹⁾	Plastic, for mounting on pipes, incl. rubber seal	A	8WD4408-0DF		1	1 unit	41J
	Pipes, single	Length 100 mm Length 150 mm Length 250 mm Length 400 mm Length 1 000 mm	A A A A A	8WD4208-0EF 8WD4308-0EE 8WD4308-0EA 8WD4308-0EB 8WD4308-0ED		1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J
	Sockets for feet	Side cable outlet Side cable outlet, with magnetic fixing ²⁾	A A	8WD4308-0DD 8WD4308-0DE		1 1	1 unit 1 unit	41J 41J
	Brackets for mounting with foot		A	8WD4408-0CC		1	1 unit	41J
	Brackets for wall mounting (plastic)	Mounting without feet and pipe	A	8WD4208-0CD		1	1 unit	41J
	Adapters for single-hole mounting	Mounting without feet and pipe, with M18 thread and fixing nut	A	8WD4208-0EH		1	1 unit	41J
Lamps								
	Incandescent lamps, 5 W	Base BA 15d						
		24 AC/DC	Clear	A	8WD4328-1XX	1	10 units	41J
		115 AC	Clear	A	8WD4348-1XX	1	10 units	41J
		230 AC	Clear	A	8WD4358-1XX	1	10 units	41J
	LEDs	Base BA 15d						
		24 AC/DC	Red	A	8WD4428-6XB	1	1 unit	41J
			Green	A	8WD4428-6XC	1	1 unit	41J
			Yellow	A	8WD4428-6XD	1	1 unit	41J
			Clear	A	8WD4428-6XE	1	1 unit	41J
			Blue	A	8WD4428-6XF	1	1 unit	41J
		115 AC	Red	A	8WD4448-6XB	1	1 unit	41J
			Green	A	8WD4448-6XC	1	1 unit	41J
			Yellow	A	8WD4448-6XD	1	1 unit	41J
			Clear	A	8WD4448-6XE	1	1 unit	41J
			Blue	A	8WD4448-6XF	1	1 unit	41J
		230 AC	Red	A	8WD4458-6XB	1	1 unit	41J
			Green	A	8WD4458-6XC	1	1 unit	41J
			Yellow	A	8WD4458-6XD	1	1 unit	41J
			Clear	A	8WD4458-6XE	1	1 unit	41J
			Blue	A	8WD4458-6XF	1	1 unit	41J

For labeling panels see 8WD44, page 13/117.

¹⁾ Markings for 30°, 45°, 60° and 90°.²⁾ For horizontal mounting, only 1 element is recommended.

8WD4 Signaling Columns






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-type terminals
- Integrated degree of protection IP65
- Up to five elements can be mounted

Selection and ordering data

Version	Rated voltage	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
V									
Acoustic elements¹⁾									
	Buzzer elements 85 dB, pulsating or continuous tone, adjustable by means of a wire jumper	24 AC/DC	Black	A	8WD4420-0FA	1	1 unit	41J	
		115 AC	Black	A	8WD4440-0FA	1	1 unit	41J	
		230 AC	Black	A	8WD4450-0FA	1	1 unit	41J	
	Siren elements , multi-tone, 100 dB, 8 tones and volume are adjustable	24 AC/DC	Black	A	8WD4420-0EA2	1	1 unit	41J	
		115 AC	Black	A	8WD4440-0EA2	1	1 unit	41J	
		230 AC	Black	A	8WD4450-0EA2	1	1 unit	41J	
	Siren elements 108 dB, IP40	24 DC	Black	A	8WD4420-0EA	1	1 unit	41J	
	Light elements for incandescent lamps/LEDs, BA 15d bases²⁾								
		Continuous light elements	12 ... 230 AC/DC	Red	A	8WD4400-1AB	1	1 unit	41J
			Green	A	8WD4400-1AC	1	1 unit	41J	
			Yellow	A	8WD4400-1AD	1	1 unit	41J	
			Clear	A	8WD4400-1AE	1	1 unit	41J	
			Blue	A	8WD4400-1AF	1	1 unit	41J	
Light elements with integrated flash lamps³⁾									
  	Flashlight elements with integrated electronic flash	24 DC	Red	A	8WD4420-0CB	1	1 unit	41J	
			Green	A	8WD4420-0CC	1	1 unit	41J	
			Yellow	A	8WD4420-0CD	1	1 unit	41J	
			Clear	A	8WD4420-0CE	1	1 unit	41J	
			Blue	A	8WD4420-0CF	1	1 unit	41J	
		115 AC	Red	A	8WD4440-0CB	1	1 unit	41J	
			Green	D	8WD4440-0CC	1	1 unit	41J	
			Yellow	A	8WD4440-0CD	1	1 unit	41J	
			Clear	D	8WD4440-0CE	1	1 unit	41J	
			Blue	D	8WD4440-0CF	1	1 unit	41J	
		230 AC	Red	A	8WD4450-0CB	1	1 unit	41J	
			Green	A	8WD4450-0CC	1	1 unit	41J	
Yellow	A		8WD4450-0CD	1	1 unit	41J			
Clear	A		8WD4450-0CE	1	1 unit	41J			
	Blue	A	8WD4450-0CF	1	1 unit	41J			

¹⁾ One acoustic element can be mounted per signaling column. The cover is included in the scope of supply of the acoustic elements and fixed in place.

²⁾ The lamp is not included in the scope of supply. Please order separately.

³⁾ The lamp is included in the scope of supply.

8WD4 Signaling Columns











8WD44 signaling columns, 70 mm diameter

Version	Rated voltage	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG		
V										
Light elements with integrated LED										
	Continuous light elements	24 AC/DC	Red	A	8WD4420-5AB		1	1 unit	41J	
			Green	A	8WD4420-5AC		1	1 unit	41J	
			Yellow	A	8WD4420-5AD		1	1 unit	41J	
			Clear	A	8WD4420-5AE		1	1 unit	41J	
			Blue	A	8WD4420-5AF		1	1 unit	41J	
		115 AC	Red	A	8WD4440-5AB		1	1 unit	41J	
			Green	A	8WD4440-5AC		1	1 unit	41J	
			Yellow	A	8WD4440-5AD		1	1 unit	41J	
			Clear	A	8WD4440-5AE		1	1 unit	41J	
			Blue	A	8WD4440-5AF		1	1 unit	41J	
		230 AC	Red	A	8WD4450-5AB		1	1 unit	41J	
			Green	A	8WD4450-5AC		1	1 unit	41J	
			Yellow	A	8WD4450-5AD		1	1 unit	41J	
			Clear	A	8WD4450-5AE		1	1 unit	41J	
			Blue	A	8WD4450-5AF		1	1 unit	41J	
		Blinklight elements	24 AC/DC	Red	A	8WD4420-5BB		1	1 unit	41J
				Green	A	8WD4420-5BC		1	1 unit	41J
				Yellow	A	8WD4420-5BD		1	1 unit	41J
				Clear	A	8WD4420-5BE		1	1 unit	41J
				Blue	A	8WD4420-5BF		1	1 unit	41J
		115 AC	Red	A	8WD4440-5BB		1	1 unit	41J	
		Green	A	8WD4440-5BC		1	1 unit	41J		
		Yellow	A	8WD4440-5BD		1	1 unit	41J		
		Clear	A	8WD4440-5BE		1	1 unit	41J		
		Blue	A	8WD4440-5BF		1	1 unit	41J		
		230 AC	Red	A	8WD4450-5BB		1	1 unit	41J	
		Green	A	8WD4450-5BC		1	1 unit	41J		
		Yellow	A	8WD4450-5BD		1	1 unit	41J		
		Clear	A	8WD4450-5BE		1	1 unit	41J		
		Blue	A	8WD4450-5BF		1	1 unit	41J		
	Rotating light elements	24 AC/DC	Red	A	8WD4420-5DB		1	1 unit	41J	
			Green	A	8WD4420-5DC		1	1 unit	41J	
			Yellow	A	8WD4420-5DD		1	1 unit	41J	
			Clear	A	8WD4420-5DE		1	1 unit	41J	
			Blue	A	8WD4420-5DF		1	1 unit	41J	
Adapter elements for AS-Interface										
	AS-Interface adapter elements									
	With/without external auxiliary voltage, switchable									
	• A/B technology	For 3 signaling elements 24 V DC	Black	A	8WD4428-0BD		1	1 unit	41J	
	• Standard AS-i	For 4 signaling elements 24 V DC	Black	A	8WD4428-0BE		1	1 unit	41J	
Connection elements¹⁾										
	Connection elements with cover		Black							
	Screw terminals									
		• For mounting on pipes		A	8WD4408-0AA		1	1 unit	41J	
		• For mounting on brackets and floors		A	8WD4408-0AB		1	1 unit	41J	
	Spring-type terminals									
		• For mounting on pipes		A	8WD4408-0AD		1	1 unit	41J	
	• For mounting on brackets and floors		A	8WD4408-0AE		1	1 unit	41J		
	Cover (replacement)		A	8WD4408-0XA		1	1 unit	41J		

¹⁾ The connection element with cover is an essential part for assembling the signaling columns.

8WD4 Signaling Columns

8WD44 signaling columns, 70 mm diameter




Version		DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Mounting							
	Foot with pipe	Pipe length 100 mm	A	8WD4308-0DA	1	1 unit	41J
	Feet, single	Plastic, for mounting on pipes	A	8WD4308-0DB	1	1 unit	41J
		Metal, for pipe lengths > 400 mm	A	8WD4308-0DC	1	1 unit	41J
	Adjustable-angle feet for positioning in 7.5° increments ¹⁾	Plastic, for mounting on pipes, incl. rubber seal	A	8WD4408-0DF	1	1 unit	41J
	Pipes, single	Length 100 mm	A	8WD4208-0EF	1	1 unit	41J
		Length 150 mm	A	8WD4308-0EE	1	1 unit	41J
		Length 250 mm	A	8WD4308-0EA	1	1 unit	41J
		Length 400 mm	A	8WD4308-0EB	1	1 unit	41J
		Length 1 000 mm	A	8WD4308-0ED	1	1 unit	41J
	Sockets for feet	Side cable outlet (can also be used without feet)	A	8WD4308-0DD	1	1 unit	41J
		Side cable outlet, with magnetic fixing ²⁾	A	8WD4308-0DE	1	1 unit	41J
	Brackets for wall mounting (mounting without feet and pipe)	For single-sided mounting	A	8WD4308-0CA	1	1 unit	41J
		For double-sided mounting	A	8WD4308-0CB	1	1 unit	41J
	Brackets for mounting with foot		A	8WD4408-0CC	1	1 unit	41J
	Brackets for base mounting	Mounting without feet and pipe	A	8WD4408-0CD	1	1 unit	41J
	Adapter for mounting on pipes according to NPT	Mounting on pipes, Ø 25 mm, with NPT 1/2" thread	A	8WD4308-0DF	1	1 unit	41J

¹⁾ Markings for 30°, 45°, 60° and 90°.

²⁾ For horizontal mounting, only 1 element is recommended.

8WD4 Signaling Columns

8WD44 signaling columns, 70 mm diameter

Version	Rated voltage	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
V									
Lamps									
	Incandescent lamps, 5 W								
	Base BA 15d	24 AC/DC	Clear	A	8WD4328-1XX		1	10 units	41J
		115 AC	Clear	A	8WD4348-1XX		1	10 units	41J
		230 AC	Clear	A	8WD4358-1XX		1	10 units	41J
	LEDs								
	Base BA 15d	24 AC/DC	Red	A	8WD4428-6XB		1	1 unit	41J
			Green	A	8WD4428-6XC		1	1 unit	41J
			Yellow	A	8WD4428-6XD		1	1 unit	41J
			Clear	A	8WD4428-6XE		1	1 unit	41J
			Blue	A	8WD4428-6XF		1	1 unit	41J
		115 AC	Red	A	8WD4448-6XB		1	1 unit	41J
			Green	A	8WD4448-6XC		1	1 unit	41J
			Yellow	A	8WD4448-6XD		1	1 unit	41J
			Clear	A	8WD4448-6XE		1	1 unit	41J
			Blue	A	8WD4448-6XF		1	1 unit	41J
		230 AC	Red	A	8WD4458-6XB		1	1 unit	41J
			Green	A	8WD4458-6XC		1	1 unit	41J
		Yellow	A	8WD4458-6XD		1	1 unit	41J	
		Clear	A	8WD4458-6XE		1	1 unit	41J	
		Blue	A	8WD4458-6XF		1	1 unit	41J	
Inscriptions									
	Labeling panels			A	8WD4408-0FA		1	1 unit	41J
	With fixing accessories for mounting on pipe \varnothing 25 mm Inscription area/ step 50 mm x 140 mm Suitable for standard labels, e.g. <ul style="list-style-type: none"> • Zweckform 3425 • Herma 4457 								

8WD5 Integrated Signal Lamps

8WD53 integrated signal lamps, 70 mm diameter

Overview



8WD53 integrated signal lamps

Design

Features:

- Thermoplast enclosures, diameter 70 mm
- Degree of protection IP65
- Rated voltage 24 V, 115 V, 230 V AC/DC
- Ambient temper. -20 to +50 °C, incandescent lamp up to 60 °C

The special shape of the integrated signal lamps means that the light is emitted optimally in every direction (to the sides and upwards). Continuous lights (with incandescent lamp or LED) and single-flash lights are available in five colors.





The LED versions of the integrated signal lamps offer a considerably longer endurance than the incandescent lamp versions.

All integrated signal lamps have a high degree of protection IP65 and are made of a material highly resistant to impact.

Mounting

8WD53 integrated signal lamps can be mounted directly at any point of the machine for the purpose of giving visual signals. They are mounted by means of a Pg 29 screw base with nut.

Selection and ordering data

Version	Rated voltage	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
V									
Luminaires for incandescent lamps/LED, BA 15d base									
	Continuous lights¹⁾	12 ... 230 AC/DC	Red	A	8WD5300-1AB		1	1 unit	41J
			Green	A	8WD5300-1AC		1	1 unit	41J
			Yellow	A	8WD5300-1AD		1	1 unit	41J
			Clear	A	8WD5300-1AE		1	1 unit	41J
			Blue	A	8WD5300-1AF		1	1 unit	41J
			Luminaires with integrated flash lamp						
	Single-flash lights with integrated electronic flash	24 AC/DC	Red	A	8WD5320-0CB		1	1 unit	41J
			Green	A	8WD5320-0CC		1	1 unit	41J
			Yellow	A	8WD5320-0CD		1	1 unit	41J
			Clear	A	8WD5320-0CE		1	1 unit	41J
			Blue	A	8WD5320-0CF		1	1 unit	41J
		115 AC	Red	A	8WD5340-0CB		1	1 unit	41J
			Green	A	8WD5340-0CC		1	1 unit	41J
			Yellow	A	8WD5340-0CD		1	1 unit	41J
			Clear	A	8WD5340-0CE		1	1 unit	41J
			Blue	D	8WD5340-0CF		1	1 unit	41J
		230 AC	Red	A	8WD5350-0CB		1	1 unit	41J
			Green	D	8WD5350-0CC		1	1 unit	41J
			Yellow	A	8WD5350-0CD		1	1 unit	41J
			Clear	A	8WD5350-0CE		1	1 unit	41J
			Blue	D	8WD5350-0CF		1	1 unit	41J
Luminaires with integrated LED									
	Continuous light	24 AC/DC	Red	A	8WD5320-5AB		1	1 unit	41J
			Green	A	8WD5320-5AC		1	1 unit	41J
			Yellow	A	8WD5320-5AD		1	1 unit	41J
			Clear	A	8WD5320-5AE		1	1 unit	41J
			Blue	A	8WD5320-5AF		1	1 unit	41J
	Blinklight lamps	24 AC/DC	Red	A	8WD5320-5BB		1	1 unit	41J
			Green	A	8WD5320-5BC		1	1 unit	41J
			Yellow	A	8WD5320-5BD		1	1 unit	41J
			Clear	A	8WD5320-5BE		1	1 unit	41J
			Blue	A	8WD5320-5BF		1	1 unit	41J
Rotating lights	24 AC/DC	Red	A	8WD5320-5DB		1	1 unit	41J	
		Green	A	8WD5320-5DC		1	1 unit	41J	
		Yellow	A	8WD5320-5DD		1	1 unit	41J	
		Clear	A	8WD5320-5DE		1	1 unit	41J	
		Blue	A	8WD5320-5DF		1	1 unit	41J	
Accessories for mounting (optional)									
	Pipe adapter For mounting on pipes ²⁾		A	8WD5308-0EG		1	1 unit	41J	

¹⁾ Lamp not included in scope of supply, see Signaling Columns, page 13/117.

²⁾ Pipes and feet see Signaling Columns, page 13/116.