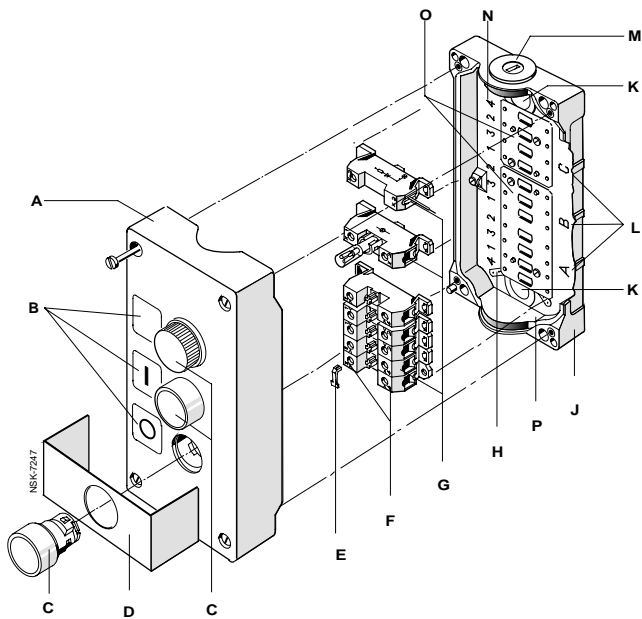


3SB1 Enclosed Pushbutton Units and Indicator Lights



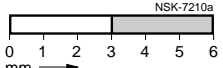

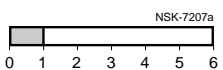




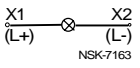
22 mm Mounting Diameter

Selection and ordering data



- A Upper part of enclosure
 - B Inscription plates
 - C Actuators
Suitable for use with standard actuators and lens assemblies. The sealing rings should be changed when the units are self-assembled. A blank plug can be fitted in place of an actuator.
 - D Yellow backing plate acc. to DIN 57 113/VDE 0113. To be used only in conjunction with EMERGENCY STOP actuators. Backing plates are fitted in the factory at "A".
 - E Driver
For operating base-mounted contact blocks, located in positions numbered 4 and 5.
 - F Terminal designation
 - G Contact blocks, lampholder, voltage reducer for base mounting. Up to 3 contact blocks can be used per control point. The first and last control points can be fitted with a maximum of 4 contact blocks each; enclosures with only one control point can be fitted with a maximum of 5 contact blocks.
 - H Punch marks indicating mounting dimensions of 3SB1 devices.
 - J Lower part of enclosure.
 - K Rear cable entry (optional).
 - L Identification letters for the control points on the inside of their upper and lower parts.
 - M Screw plug for metal enclosure.
 - N Identification number
 - O Mounting rails for snap-fastening contact blocks and lampholders.
 - P With adapters for the US market (Ⓢ, Ⓢ- and Ⓢ) (see page 9/114).
- The 4th and 5th contact blocks must be ordered separately and retrofitted. Factory fitting of equipment is in accordance with DIN EN 50 013 (terminal designations and identification numbers for certain control devices).

The moulded plastic enclosures comply with the "total insulation" specification.

Version	Symbols	Contact travel	Order No.	Price	Weight approx.	Pack.
		<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 10px; background-color: gray; margin-right: 5px;"></div> contact closed <div style="width: 15px; height: 10px; border: 1px solid gray; margin-right: 5px;"></div> contact open </div>	Preferred type	1 unit	kg	Unit
3SB14 contact blocks and lampholders, for base mounting						
3SB14 20-0C	Contact blocks					
	1 NO			▶ 3SB14 20-0B	0.015	10
	1 NC ¹⁾			▶ 3SB14 20-0C	0.015	10
3SB14 20-2A	1 NO ¹⁾ leading			▶ 3SB14 20-0R	0.015	10
	1 NC lagging			▶ 3SB14 20-0S	0.015	10
3SB14 20-3A	Support terminal	—	Colour: brown blue green/yellow	▶ 3SB19 02-2AT ▶ 3SB19 02-2AU ▶ 3SB19 02-2AV	0.015	10
	Lampholder BA 9s (see page 9/104 for incandescent lamps)			▶ 3SB14 20-2A	0.01	10
	Voltage reducers		for connecting a 130 V lamp (3SX1 731)			
	with snap-on mounting		220/230 V AC ²⁾	▶ 3SB14 20-3A	0.015	10
	without snap-on mounting		230/240 V AC 220 V AC ³⁾⁴⁾	▶ 3SB14 20-3E ▶ 3SB14 20-3D	0.02	20
3SB14 20-3D	Element with 1 diode, with snap-on mounting 1 N 4007 $U_{RMS} = \text{max. } 250 \text{ V}$ $I_{FAV} = 0.8 \text{ A at } T_u = 60 \text{ }^\circ\text{C}$	—		▶ 3SB14 20-3W	0.008	10

➔ Safety function according to IEC 60 947-5-1-3 and DIN VDE 0660, Part 200.

1) Suitable for 3SB10 00-1MC . EMERGENCY STOP pushbutton with positive latching function.

2) Max. voltage 242 V.

3) See 3SB14 30-3C, page 9/98 for voltage reducer for connection to 220 V DC.

4) Use support terminals to comply with DIN VDE 0660, Part 500.

3SB1 Enclosed Pushbutton Units and Indicator Lights

22 mm Mounting Diameter

Empty enclosures
Selection and ordering data

Yellow backing plates for enclosures with 2, 3, 4 or 6 control points can be ordered separately, see page 9/114

Mounting tool 3SB19 02-0AE is required for mounting the actuators, see page 9/114.

3SB18 04-...



Equipment	Number of control points	Moulded plastic enclosure		Weight approx. kg	Metal enclosure		Weight approx. kg	Pack. Unit
		Order No.	Price 1 unit		Order No.	Price 1 unit		
		▶ Preferred type	1 unit	kg	▶ Preferred type	1 unit	kg	Unit
		Cable entry top and bottom 1 x Pg 16 each (1 to 4 control points) 1 x Pg 21 each (6 control points)						
For base mounting contact blocks and lampholders, with baseplate for snap-on mounting of the contact blocks and accessories	1 2 3 4 6	▶ 3SB18 01-0AC ▶ 3SB18 02-0AC ▶ 3SB18 03-0AC ▶ 3SB18 04-0AC ▶ 3SB18 06-0AC		0.14 0.18 0.28 0.32 0.36	▶ 3SB18 01-4AC ▶ 3SB18 02-4AC ▶ 3SB18 03-4AC ▶ 3SB18 04-4AC ▶ 3SB18 06-4AC		0.39 0.45 0.57 0.65 0.80	1
For front plate mounting contact blocks and lampholders. Mounting depth of contact blocks and lampholders 43 mm (see page 9/98), with holder for mounting the snap-on contact blocks and accessories.	1 2 3 4 6	▶ 3SB18 01-1AC ▶ 3SB18 02-1AC ▶ 3SB18 03-1AC ▶ 3SB18 04-1AC ▶ 3SB18 06-1AC		0.17 0.23 0.35 0.41 0.51	– – – – –			1
		Cable entry top and bottom 1 x Pg 16 each						
For EMERGENCY STOP with yellow cover. For base mounting contact blocks and lampholders, with baseplate for snap-on mounting of the contact blocks and accessories	1	▶ 3SB18 01-0AD		0.16	▶ 3SB18 01-4AD		0.82	1
		Cable entry top 1 x Pg 16 and bottom 2 x Pg 13.5						
For base mounting contact blocks and lampholders, with baseplate for snap-on mounting of the contact blocks and accessories	1	3SB18 01-0AG		0.14	–			1
For EMERGENCY STOP with yellow cover. For base mounting contact blocks and lampholders, with baseplate for snap-on mounting of the contact blocks and accessories	1	3SB18 01-0AK		0.16	–			1
		Cable entry top 1 x Pg 16 and bottom 2 x Pg 13.5						
For base mounting contact blocks and lampholders, with baseplate for snap-on mounting of the contact blocks and accessories	3 4	3SB18 03-0AG 3SB18 04-0AG		0.28 0.32	– –			1
		Design for use under extreme mechanical stress, Cable entry top and bottom 1 x Pg 16 (1 to 4 control points) 1 x Pg 21 (6 control points)						
For base mounting contact blocks and lampholders, with baseplate for snap-on mounting of the contact blocks and accessories	1 2 3 4 6	3SB18 01-0AH 3SB18 02-0AH 3SB18 03-0AH 3SB18 04-0AH 3SB18 06-0AH		0.18 0.22 0.32 0.36 0.40	3SB18 01-4AH 3SB18 02-4AH 3SB18 03-4AH 3SB18 04-4AH 3SB18 06-4AH		0.43 0.49 0.61 0.69 0.84	1
For EMERGENCY STOP with yellow cover. For base mounting contact blocks and lampholders, with baseplate for snap-on mounting of the contact blocks and accessories	1	3SB18 01-0AJ		0.2	3SB18 01-4AJ		0.86	1

For inscription plates, see page 9/114.





3SB1 Enclosed Pushbutton Units and Indicator Lights

22 mm Mounting Diameter

Units with standard equipment Selection and ordering data

With 1 to 3 control points, up to 660 V AC, 800 V DC, vertical mounting, with moulded plastic front rings.

With base fixing contact blocks (snapped into the lower part of the enclosure).

Equipment (A, B, C = identification letters for control points)	Degree of protection	Contact blocks ¹⁾	Number of control points	Moulded plastic enclosure		Weight	Metal enclosure		Weight	Pack.
				Order No.	Price	approx	Order No.	Price	approx	Unit
Actuators				Preferred type	1 unit	kg	Preferred type	1 unit	kg	Unit
3SB18 01-7AA										
	Cable entry top and bottom 1 x Pg 16 each									
A = Pushbutton unit, green, plate "I"	IP 65	1 NO	1	▶	3SB18 01-7AA	0.17	▶	3SB18 01-8AA	0.42	1
A = Pushbutton unit, red, plate "O"	IP 65	1 NC		▶	3SB18 01-7AB	0.17		3SB18 01-8AB	0.42	1
B = Pushbutton unit, green, plate "I"	IP 65	1 NO	2	▶	3SB18 02-7AC	0.23	▶	3SB18 02-8AC	0.50	1
A = Pushbutton unit, red, plate "O"		1 NC								
C = Indicator light, clear, blank plate	IP 65	BA 9s	3	▶	3SB18 03-7AD	0.35	▶	3SB18 03-8AD	0.65	1
B = Pushbutton unit, green, plate "I"		1 NO								
A = Pushbutton unit, red, plate "O"		1 NC								
C = Pushbutton unit, black, plate "II"	IP 65	1 NO	3	▶	3SB18 03-7AE	0.35	▶	3SB18 03-8AE	0.65	1
B = Pushbutton unit, black, plate "I"		1 NO								
A = Pushbutton unit, red, plate "O"		1 NC								
EMERGENCY STOP pushbutton unit, cable entry top and bottom 1 x Pg 16 each										
3SB18 01-8AM										
										
A = Mushroom push-pull button ²⁾ , Ø 40 mm, staydown, yellow upper part	IP 65	1 NC	1	▶	3SB18 01-7AN	0.19	▶	3SB18 01-8AN	0.44	1
A = Mushroom pushbutton Ø 40 mm, staydown, yellow upper part	IP 65	1 NC, 1 NC, 1 NO	1	▶	3SB18 01-7AM 3SB18 01-7AG	0.19 0.2	▶	3SB18 01-8AM 3SB18 01-8AG	0.44 0.45	1
A = Mushroom push-button ³⁾ , staydown, with positive action, acc. to EN 418, Ø 40 mm, yel. upper pt.	IP 65	1 NC	1	▶	3SB18 01-7AK	0.19		3SB18 01-8AK	0.44	1
EMERGENCY STOP pushbutton unit, cable entry top 1 x Pg 16 and bottom 2 x Pg 13.5⁴⁾										
3SB18 31-8AM										
										
A = Mushroom push-pull button ²⁾ , Ø 40 mm, staydown, yellow upper part	IP 65	1 NC	1	▶	3SB18 31-7AN	38,40	0.19	3SB18 31-8AN	44,90	0.44 1
A = Mushroom pushbutton Ø 40 mm, staydown, yellow upper part	IP 65	1 NC	1	▶	3SB18 31-7AM	35,60	0.19	3SB18 31-8AM	42,10	0.44 1
A = Mushroom push-button ³⁾ , staydown, with positive action acc. to EN 418, Ø 40 mm, yel. upper pt.	IP 65	1 NC	1		3SB18 31-7AK	40,—	0.19	3SB18 31-8AK	46,50	0.44 1
EMERGENCY STOP pushbutton unit, with protective collar, cable entry top 1 x Pg 16 and bottom 2 x Pg 13.5										
3SB18 31-7AQ										
										
A = Mushroom push-button ³⁾ , staydown, with positive action acc. to EN 418, Ø 40 mm, yel. upper pt. with protective collar	IP 65	1 NC	1		3SB18 31-7AQ	47,60	0.25	3SB18 31-8AQ	64,90	0.44 1

For accessories and spare parts, see page 9/114.

Design for use under extreme mechanical stress, see page 9/113.

- 1) The control points can be fitted with more than one contact block if required. Supplement the Order No. with "Z" and specify the contact blocks required.
- 2) Opens and latches past the pressure point.
- 3) For additional contact blocks, use 3SB14 20-0C for 1 NC and 3SB14 20-0R for 1 NO.
- 4) The enclosure is symmetrical and can be rotated by 180°.










3SB1 Enclosed Pushbutton Units and Indicator Lights

22 mm Mounting Diameter

Units with standard equipment – for surface mounting
Selection and ordering data

With 1 control point,
up to 660 V AC, 800 V DC
degree of protection IP 65

With base mounting contact
blocks (snapped into the lower
part of the enclosure).

Equipment (A, B, C = identification letters for control points)	Degree of protection	Contact blocks ¹⁾	Number of control points	Moulded plastic enclosure			Metal enclosure			
				Order No.	Price	Weight approx	Order No.	Price	Weight approx	
Actuators				Preferred type	1 unit	kg	Preferred type	1 unit	kg	Unit
 3SB18 31-8AP	Pushbutton unit for 5 padlocks (8 mm shackle dia.)²⁾ cable entry top 1 x Pg 16 and bottom 2 x Pg 13.5									
	A = Push-pull latch button unit Ø 70 mm, yellow upper part	IP 65	1 NC, 1 NC	1	–			▶ 3SB18 31-8AP		0.5
 3SB18 11-8AD	Foot operated pushbutton unit,¹⁾³⁾⁴⁾ cable entry top 1 x Pg 16 and bottom 2 x Pg 13.5									
	A = Foot button Ø 70 mm, black	IP 67	1 NO	1	▶ 3SB18 11-7AD	0,25	▶ 3SB18 11-8AD		0.5	1
 3SE3 90-.-AA	Foot operated actuator⁵⁾, one pedal, cable entry 1 x Pg 13.5									
	Foot operated actuator without cover	IP 65	1 NO+1 NC 2 NO+1 NC	1	–			3SE3 902-0AB20 3SE3 903-1AB20	0.75	1
 3SE3 902-0AA	Foot operated actuator⁵⁾, one pedal, cable entry 1 x Pg 13.5									
	Foot operated actuator with cover	IP 65	1 NO+1 NC 2 NO+1 NC	1	–			3SE3 902-0AA 3SE3 903-1AA	1.4	1
 3SE3 932-0AB	Foot operated actuator¹⁾⁵⁾, two pedals, cable entry 1 x Pg 13.5									
	Foot operated actuator without cover	IP 65	1 NO+1 NC per pedal	1	–			3SE3 932-0AB20	1.45	1
 3SE3 932-0AA	Foot operated actuator¹⁾⁵⁾, two pedals, cable entry 1 x Pg 13.5									
	Foot operated actuator with cover	IP 65	1 NO+1 NC per pedal	1	–			3SE3 932-0AA	2.51	1
 3SE3 912-2AB	Foot operated switch⁵⁾, one pedal, cable entry 1 x Pg 13.5									
	Foot operated switch without cover	IP 65	1 NO+1 NC	1	–			3SE3 912-2AB	0.75	1
 3SE3 912-2AA20	Foot operated switch⁵⁾, one pedal, cable entry 1 x Pg 13.5									
	Foot operated switch with cover	IP 65	1 NO+1 NC	1	–			3SE3 912-2AA20	1.4	1
 3SE3 924-3AA	Foot operated safety switch⁵⁾, one pedal, with resetting button, cable entry 1 x Pg 13.5									
	Foot operated switch with cover	IP 65	2 NO+1 NC	1	–			3SE3 924-3AA	1.4	1

Special designs for enclosed 3SB1 pushbutton units

	Number of control points	Moulded plastic encl.	Metal enclosure
With increased corrosion protection The metal enclosure has two coats of paint. All metallic parts in the moulded plastic and metal enclosures that are exposed to corrosion are made from stainless steel.	When ordering, supplement the Order No. with “-Z” and Order Code “A01”.		1
	Example: 3SB18 03-7AE-Z A01		2
			3
			4
			6
			6
For use under extreme mechanical stress such as: impact against a wall, free fall onto a hard surface in mobile operation. Particularly important where enclosures fitted with EMERGENCY STOP devices are used.	When ordering, supplement the Order No. with “-Z” and Order Code “A02”.		1
	Example: 3SB18 01-7AM-Z A02		2
			3
			4
			6
			6

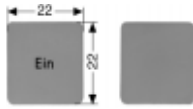
For accessories and spare parts, see page 9/114.

- 1) The control points can be fitted with more than one contact block if required. Supplement the Order No. with “-Z” and specify the contact blocks required.
- 2) Opens and latches past the pressure point. Releases by pulling.
- 3) The enclosure is symmetrical and can be rotated by 180°.
- 4) With the moulded plastic enclosure, use only a moulded plastic Pg 13.5 gland with thread 6 mm long (see page 9/114).
- 5) Special design with increased corrosion protection is not available.

3SB1 Enclosed Pushbutton Units and Indicator Lights

22 mm Mounting Diameter

Inscription plates Selection and ordering data



The inscription plates (silver with black lettering) have an adhesive coating on the back.

The inscription (and the special inscription) has capital initial letters.

In the case of special inscriptions other than in German, give the exact spelling and specify the language.

Inscription	Order No.	Inscription	Order No.	Inscription	Order No.	Inscription
blank	▶ 3SB19 01-3AA	Auf	3SB19 01-3AD	Symbols		Special inscription
Price		Open	3SB19 01-3EP	O	▶ 3SB19 01-3MB	3 lines with 11 letters each are possible, height of letters 4 mm (1 to 3 lines) Supplement the Order No. with the following Order Code: – Capital initial letters – Capital letters – Small letters – Acc. to the order K0Y K1Y K2Y K9Y
Ein	▶ 3SB19 01-3AB	Zu	▶ 3SB19 01-3AL	I	▶ 3SB19 01-3MC	
On	3SB19 01-3EB	Close	3SB19 01-3EQ	II	▶ 3SB19 01-3MD	
Aus	▶ 3SB19 01-3AC	Schnell	3SB19 01-3AM	III	▶ 3SB19 01-3ME	
Off	3SB19 01-3EC	Fast	3SB19 01-3ER	O I	▶ 3SB19 01-3MF	
Auf	▶ 3SB19 01-3AD	Langsam	3SB19 01-3AN	I O II	▶ 3SB19 01-3MG	
Up	3SB19 01-3ED	Slow	3SB19 01-3ES	I	3SB19 01-3MH	
Ab	▶ 3SB19 01-3AE	Betrieb	▶ 3SB19 01-3AP	O		
Down	3SB19 01-3EE	Running	3SB19 01-3EV	II	▶ 3SB19 01-3MW	
Vor	3SB19 01-3AF	Störung	3SB19 01-3AQ	I		
Forward	3SB19 01-3EF	Fault	3SB19 01-3EW	O		
Zurück	3SB19 01-3AG	Einrichten	3SB19 01-3AR	I		
Reverse	3SB19 01-3EG	Reset	▶ 3SB19 01-3EM	→	3SB19 01-3NA	
Rechts	3SB19 01-3AH	Test	3SB19 01-3EN	Price:		
Right	3SB19 01-3EH	Start	▶ 3SB19 01-3EL	Other symbols	3SB19 01-3XZ	Ordering details
Links	3SB19 01-3AJ	NOT-AUS	3SB19 01-3AS	acc. to DIN report 4.	K3Y	When ordering, supplement the Order No. with the corresponding Order Code and state the required inscription in plain text.
Left	3SB19 01-3EJ	Lüfter	3SB19 01-3CA	Special symbols on request	state symbol serial number as well	In the case of special inscriptions in languages other than German, give the exact spelling and specify the language.
Halt	3SB19 01-3AK	Pumpe	3SB19 01-3CB			
Stop	▶ 3SB19 01-3EK	Heizung	3SB19 01-3CD			
		Beleuchtung	3SB19 01-3CE			
		Motor	3SB19 01-3CG			
Price		Price		Price		Price

Accessories and spare parts

Fig. No.	Item	Order No.	Price	Weight approx. kg	Pack. Unit
▶	Preferred type		1 unit		
1	Driver for operating the base mounting contact blocks (contact blocks with identification numbers 4 and 5) Do not use for contact blocks with EMERGENCY STOP function.	▶ 3SB19 02-1AH		0.001	1
2	Fixing plate for fixing actuators other than 3SB18 with base mounting contact blocks (30 mm × 30 mm grid)	3SB19 02-2AS		0.015	1
3	Yellow backing plate as contrasting area for enclosed 3SB18 EMERGENCY STOP pushbutton unit; self-adhesive	blank ▶ 3SB19 02-1AQ with inscription ▶ 3SB19 02-2AQ		0.005	1
4	Mounting tool for fixing the actuators in the upper part of the housing	▶ 3SB19 02-0AE		0.09	1
–	Sealing ring for actuators in enclosures	3SB19 12-0AD		0.001	1
–	Blanking plug , degree of protection IP 65 (10 units per pack)	black ▶ 3SB19 02-0AR aluminized ▶ 3SB19 02-0AQ		0.005	10
5	Mounting rails for fixing base mounting contact blocks and lampholders (included with the enclosure) for 4 contact blocks (40 mm × 35 mm) 5 contact blocks (50 mm × 35 mm) 7 contact blocks (73 mm × 35 mm) 10 contact blocks (106 mm × 35 mm) Length 2 m	▶ 3SB19 12-0AS ▶ 3SB19 12-0AT ▶ 3SB19 12-0AU ▶ 3SB19 12-0AV ▶ 3SB19 12-0AX		0.009 0.012 0.016 0.025 0.5	1
6	Moulded plastic Pg 13.5 gland , 6 mm long, with seal (for moulded plastic enclosure with Pg 13.5 cable entry)	3SB19 02-2AE		0.01	1
–	Connecting piece for connecting two housings together	Pg 16 ▶ 3SB19 02-2AH Pg 21 ▶ 3SB19 02-2AJ		0.015 0.04	1
–	Ventilation/breather gland Pg 16 (IP 65) (degree of protection IP 65)	3SB19 02-2BP		0.014	1
7	Adapters to comply with ☉, ☉- and ☉ for cable entry into enclosed equipment. They are used to connect equipment with Pg internal threads according to DIN 40 430 to conduits with USA external steel conduit thread according to ANSI B 2,1. They are specified for all equipment delivered to Canada and the USA.	Pg 13.5 to NPT 1/2 ▶ 3SX9 910 Pg 16 to NPT 1/2 ▶ 3SX9 911 Pg 21 to NPT 3/4 ▶ 3SX9 912 Pg 29 to NPT 1 ▶ 3SX9 913		0.10 0.11 0.18 0.17	1

3SB1 Enclosed Pushbutton Units and Indicator Lights



22 mm Mounting Diameter

Units with equipment to choice
Selection and ordering data

With 1 to 6 control points;
up to 660 V AC, 800 V DC;
degree of protection IP 65

A control point consists of an
actuator/indicator with contact
block(s) or lampholder and
inscription plate with lettering
(see page 9/114).
Use enclosed order form appen-
dix (see page 9/117)

The selection of the control
points is carried out in
accordance with pages 9/119 to
9/123.

	Number of control points	Moulded plastic enclosure		Weight approx. kg	Metal enclosure		Weight approx. kg	Pack. Unit	
		Order- No.	Price 1 unit		Order- No.	Price 1 unit			
 <p>3SB 18 06-.AZ The equipment shown is only an example.</p>	For surface mounting, with base mounting contact blocks and lampholders		1	3SB18 01-0AZ	0.17	3SB18 01-4AZ	0.42	1	
	2	3SB18 02-0AZ	0.23	3SB18 02-4AZ	0.50				
	3	3SB18 03-0AZ	0.35	3SB18 03-4AZ	0.65				
	4	3SB18 04-0AZ	0.41	3SB18 04-4AZ	0.74				
	6	3SB18 06-0AZ	0.51	3SB18 06-4AZ	0.82				
	For surface mounting, with front plate mounting contact blocks and lampholders		1	3SB18 01-1AZ	0.17	–		1	
	2	3SB18 02-1AZ	0.23	–					
	3	3SB18 03-1AZ	0.35	–					
	4	3SB18 04-1AZ	0.41	–					
	6	3SB18 06-1AZ	0.51	–					
	 <p>3SB 18 23-4EZ The equipment shown is only an example.</p>	Pendant pushbutton units with suspension plate and standard handle, for spare spaces, screw-fitted contact blocks and lampholders		3	–		3SB18 23-4EZ	0.8	1
		6	–		3SB18 26-4EZ	0.97			
Pendant pushbutton units with suspension plate, without handle, for spare spaces, screw-fitted contact blocks and lampholders		3	–		3SB18 23-4DZ	0.7	1		
6		–		3SB18 26-4DZ	0.87				

An order attachment is provided for ordering, see page 9/117.

The enclosed pushbutton units and indicator lights are available as special designs for use under extreme mechanical stress, such as

- impact against a wall,
- free fall onto a hard surface during mobile operation.

For ordering data, see under special designs, pages 9/113 and 9/122.

Particularly important where enclosures fitted with EMERGENCY STOP devices are used.

For accessories and spare parts for enclosed pushbuttons and indicator lights, see page 9/114.

3SB1 Enclosed Pushbutton Units and Indicator Lights

22 mm Mounting Diameter

Guide for completion of the order form appendix

I Enter the Item No.

II Enter the quantity

III Enter the Siemens Order No.

e.g.

3SB18 0.-0AZ	surface mounting, moulded plastic enclosure base mounting contact blocks
3SB18 0.-1AZ	surface mounting, moulded plastic enclosure front plate mounting contact blocks
3SB18 0.-4AZ	surface mounting, metal enclosure base mounting contact blocks
3SB18 2.-4EZ	pendant pushbutton unit, metal enclosure with suspension plate and standard handle
3SB18 2.-4DZ	pendant pushbutton unit, metal enclosure with suspension plate and without handle

The supplement for the 7th position of the Order No. (number of control points) should be entered in accordance with page 9/115.

IV Type of front ring

Factory assembled enclosures are only available with 2 types of front ring, i.e. black moulded plastic or aluminized metal.

If other types of front ring are required, the version with moulded plastic front ring must be ordered. The desired front rings must then be ordered separately in accordance with page 9/106 and exchanged for the moulded plastic front rings.

V Enter data in the boxes

V/1 Select **actuators** in accordance with pages 9/119 to 9/122 and enter the **codes**. Twist levers and 40 mm dia. mushroom-shaped pushbutton units cannot be placed next to each other because of the close spacing.

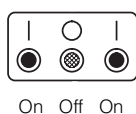
The purpose of the identification letters A to F on the inside of the upper and lower parts of the enclosure is to simplify ordering and equipping. If a control point is not required to be equipped, the code for a blanking plug should be entered. If an enclosure with 5 control points is required, select an enclosure with 6 control points, i.e. 1 control point will be fitted with a blanking plug.

Please observe DIN EN 57 113/VDE 0113 and DIN 43 602: the OFF pushbutton must be red and should be situated at the bottom or on the left; it should only be fitted in the middle for reversing operations. Illuminated pushbuttons are not used as OFF pushbuttons.

A yellow contrast plate must generally be inserted under a red mushroom shaped EMERGENCY STOP pushbutton. This is available at an additional price (see V/6).

On		white or clear
On		green or white
Off		red only

Vertical mounting



Horizontal mounting

V/2 Specify contact blocks, lampholders and voltage reducers for each control point

Select the codes for the desired equipment in accordance with the table on page 9/123 and enter them in the appropriate column.

For pushbutton units, i.e.
actuators with 2 positions
illuminated pushbuttons
indicator lights
indicator lights with lamp test

the quantity and desired type of contact blocks or lampholders etc. must be entered.

Illuminated pushbuttons units, indicator lights and indicator lights with lamp test having voltage reducers are supplied from the factory complete with incandescent lamp.

If a lampholder without voltage reducer is to be supplied with a lamp, state the lamp voltage and, for 110 V, the lamp type (incandescent, glow lamp or LED lamp) under V/3.

V/2 The table on page 9/123 contains all the possible combinations for 3-position actuators in accordance with DIN EN 50 013. Enter the appropriate code. If contact blocks for a particular control point are required in a different combination, specify a control point without contact block. The contact blocks must then be ordered separately and fitted as required.

The first and last control point can each be fitted with a maximum of 4 contact blocks, but a single point enclosure can take a maximum of 5 contact blocks. The necessary contact blocks and thrust pads must be ordered separately.

Positions with identification nos. 4 and 5 must not be fitted with contact blocks for EMERGENCY STOP functions.

V/3 Notes on non-standard versions of equipment

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

E.g. additional supply of lamps without voltage reducers: state lamp voltage and type of lamp (incandescent, glow lamp or LED lamp).

E.g. insert labels for pushbutton units, illuminated pushbutton units and indicator lamps. Select Order No. from pages 9/101 and 9/102 and enter accordingly.

E.g. for lockable actuators: special locks (= different lock no.).

V/4 Inscription of inscription plates:

Enter the text. For selection of the inscription plates, see page 9/114.

If a blank plate is required, state "without inscription".

The inscription plate will be supplied loose.

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

Inscription plates with special text can be supplied at an additional price. The plate is then stuck onto the upper part of the enclosure at the factory.

The lettering has capital initial letters.

V/5 Tick the position of the inscription plate for horizontal or vertical mounting.

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

V/6 Special features (only when required)

Special features are versions of enclosures that differ from those listed in this catalog,

E.g. tick "rear cable entry" if the standard cable entries on the ends of the units are not sufficient or cannot be used.

The Order No. should be supplemented with a "-Z" and the position of the cable entry stated in plain text.

The following options are available:

for enclosures with 1 to 4 control points

Pg 16 at the top or Pg 16 at the bottom or Pg 16 top and bottom.

for enclosures with 6 control points:

Pg 21 at the top or Pg 21 at the bottom or Pg 21 top and bottom.

For rear cable entry, the outermost control points can only be equipped at positions with identification numbers 1-3-2.

E.g. if required, tick the "yellow contrast surface" acc. to DIN 57 133/VDE 0113. Single point enclosures will then be supplied with a yellow upper part. If the enclosure has more than one control point, a yellow backing plate will be factory fitted at point "A". If the backing plate is to be fixed to another control point, please state clearly which one this is to be.

V/7 If enclosures with more than 6 control points are required, this option must be ticked and the text completed. These enclosures are assembled at the factory. Only enclosures with the same Pg cable entries can be combined. The enclosure with the least number of control points is always mounted at the top. Exception: The enclosed EMERGENCY STOP pushbutton unit is always mounted at the bottom.

The order form appendix can be copied from page 9/117.

3SB1 Enclosed Pushbutton Units and Indicator Lights

22 mm Mounting Diameter

Order form appendix
(do not use for standard versions)

Order form appendix

for 3SB1 enclosed pushbutton units and indicator lights, equipment to choice.
See catalog NS K for selection tables and explanation.

To Siemens AG, A&D CD GKA LZA

Amberg
Fax: (+49 96 21) 80-31 02

Date

Purchaser's Order Reference/Order reference I

Supplier's Order Reference

(I) Item No.	(II) Quantity	(III) Order No. 3SB18 Z Order No. supplement ..	(IV) With front rings <input type="checkbox"/> moulded plastic, black <input type="checkbox"/> metal, aluminized
--------------	---------------	--	--

(V) V/4 Inscription of the inscription plates (max. 11 characters 1 to 3 lines)	V/1 Actuators (codes)	V/2 Contact blocks, lampholders, voltage reducers (codes) *	V/3 Notes on non-standard versions (lamp voltages, insert labels, special lock)
--	-----------------------------	---	--

top or right

bottom or left

A to F are identification letters on the inside of the upper and lower parts

V/5 Position of inscription plates for

- vertical mounting
- horizontal mounting

V/6 Special requirements, e.g.

- Rear cable entry
(suffix the Order No with "-Z" and state
the position of the cable entry in plain text)
- Yellow backing plate at control point "A" or yellow
lid for single point enclosed units
- Use under extreme mechanical stress
e.g. impact against a wall,
free fall onto a hard surface during mobile operation
- Increased corrosion protection
-

V/7

- This enclosure to be assembled with that ordered
under Item.....
to form control points.

The SIGNUM 3SB3 design software
simplifies selection and ordering:
Order No. E20001-D0100-P221-V2-6400

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

3SB1 Enclosed Pushbutton Units and Indicator Lights

22 mm Mounting Diameter

Ordering example

- I Item 12 of an order calls for
 - II 10 pieces 3SB1 enclosed pushbutton and indicator light units.
 - III The following version is required:
Moulded plastic housing with base mounting contact blocks and lampholders, 6 control points.
 - IV The actuators are to be fitted with black moulded plastic front rings.
 - V The control points with identification letters A to F are to be equipped as follows:
 - A: Pushbutton unit with flat pushbutton
colour red
contact block 1 NC
inscription: "Off"
 - B: Pushbutton unit with flat pushbutton
colour green
contact block 1 NO
inscription: "On"
 - C: Knob with switching sequence I – O – II
maintained contact,
colour black
contact block 2NO
Inscription: (code for switching sequence)
 - D: Illuminated pushbutton unit with flat button
colour yellow
contact block 1 NC + BA 9s lampholder
lamp voltage 60 V
inscription: none
 - E: CES safety lock, Lock No. SSG 10
switching sequence O – I, maintained contact
key removable in position O
contact block 1 NO
inscription: "Automatik"
 - F: indicator light, colour clear
BA 9s lampholder
lamp voltage 60 V
inscription: "Betrieb"
- The unit is to be arranged for vertical mounting.

Order form appendix

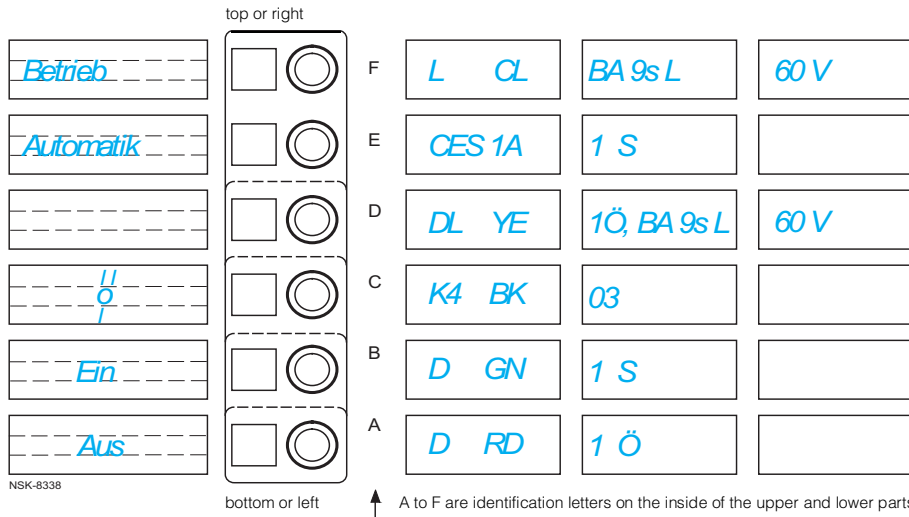
To Siemens AG, A&D CD GKA LZA
Amberg

For 3SB1 enclosed pushbutton units and indicator lights, equipment to choice. See Catalog NS K for selection tables and explanation.

Date Purchaser's Order Reference/Order reference I Supplier's Order Reference

I	Item No.	II	Quantity	III	Order No. 3SB18 Order No. supplement	IV	With front rings <input type="checkbox"/> Moulded plastic, black <input type="checkbox"/> Metal, aluminized
---	----------	----	----------	-----	---	----	---

V	V/4 Inscription of the inscription plates	V/1 Actuators (codes)	V/2 Contact blocks, lampholders, voltage reducers (codes) *	V/3 Notes on non-standard versions (lamp voltages, insert labels, special lock)
---	--	--------------------------	--	--



- V/5 Position of inscription plates for
 - vertical mounting
 - horizontal mounting
- V/6 Special requirements, e.g.
 - Rear cable entry (suffix the Order No. with "-Z" and state the position of the cable entry in plain text)
 - Yellow backing plate at control point "A" or yellow lid for single point enclosed units
 - Use under extreme mechanical stress e.g. impact against a wall, free fall onto a hard surface during mobile operation
 - increased corrosion protection
- V/7
 - This enclosure is to be assembled with that ordered under Item..... to form control points.

The SIGNUM 3SB3 design software simplifies selection and ordering:
Order No. E20001-D0100-P221-V2-6400

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

3SB1 Enclosed Pushbutton Units and Indicator Lights 22 mm Mounting Diameter

Selection and ordering data for equipping the control points (order appendix section V/1)

	Codes for colours													Add. price	
	aluminized	black	red	yellow	green	blue	white	clear							
Actuators¹⁾															
Blanking plug for 22.5 mm	BV	BV	BK	–	–	–	–	–	–	–	–	–	–	–	
Pushbutton unit with flat button	–	D	BK	D	RD	D	YE	D	GN	D	BU	D	WH	D	CL
Illuminated pushbutton unit with flat button	–	–	–	DL	RD	DL	YE	DL	GN	DL	BU	DL	WH	DL	CL
Pushbutton unit with raised button	–	D	BK	DH	RD	DH	YE	DH	GN	DH	BU	–	DH	CL	
Illuminated pushbutton unit with raised button	–	–	–	DHL	RD	DHL	YE	DHL	GN	DHL	BU	DHL	WH	DHL	CL
Pushbutton unit with raised button, latching, releases by turning anticlockwise	–	–	DRD	BK	DRD	RD	–	–	–	–	–	–	–	–	
Pushbutton unit with raised button, latching; latches when depressed by turning clockwise, releases by turning anticlockwise	–	–	–	DHR	RD	–	–	–	–	–	–	–	–	–	
Mushroom push-pull button, Ø 40 mm with spring action ³⁾	–	–	–	DZ	RD	–	–	–	–	–	–	–	–	–	
Mushroom pushbutton, Ø 30 mm, latching: releases by turning anticlockwise ²⁾	–	–	–	PRD 30	RD	–	–	–	–	–	–	–	–	–	
Mushroom pushbutton, Ø 40 mm, latching: releases by turning anticlockwise ²⁾	–	–	–	PRD 40	RD	–	–	–	–	–	–	–	–	–	
Mushroom pushbutton, Ø 40 mm with positive latching, releases by turning anticlockwise ²⁾	–	–	–	PRÜ 40	RD	–	–	–	–	–	–	–	–	–	
Mushroom pushbutton, Ø 70 mm, latching: releases by turning anticlockwise ²⁾	–	–	–	PRD 70	RD	–	–	–	–	–	–	–	–	–	
Mushroom pushbutton, Ø 40 mm, latching: with CES safety lock ²⁾	–	–	–	PSÜ 9RD	–	–	–	–	–	–	–	–	–	–	
Lock No. SSP 9	–	–	–	PSÜ 10RD	–	–	–	–	–	–	–	–	–	–	
SSG 10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Mushroom pushbutton, Ø 40 mm, latching: with O.M.R. safety lock	–	–	–	PRS 73	RD	–	–	–	–	–	–	–	–	–	
Lock No. 73037	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Mushroom pushbutton, Ø 40 mm, latching: with BKS safety lock	–	–	–	PRS S1	RD	–	–	–	–	–	–	–	–	–	
Lock No. S1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Mushroom pushbutton, Ø 40 mm, latching: with IKON safety lock	–	–	–	PRS 36	RD	–	–	–	–	–	–	–	–	–	
Lock No. 360012 K1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Mushroom pushbutton unit Ø 30 mm	–	P	BK	–	P	YE	P	GN	–	–	–	–	–	–	
Illuminated mush. pushbutton Ø 30 mm	–	–	–	–	PL	YE	PL	GN	–	–	PL	WH	–	–	
Illuminated mush. pushbutton Ø 30 mm, latching	–	–	–	–	PLR	YE	PLR	GN	–	–	–	–	PLR	CL	
Push-pull button unit, Ø 40 mm with spring action ³⁾	–	DZ	BK	–	–	–	–	–	–	–	–	–	–	–	
Wobble stick, metal colour	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Toggle, white	–	–	–	–	–	–	–	–	–	–	KH	WH	–	–	
Indicator light with concentric rings	–	–	–	L	RD	L	YE	L	GN	L	BU	L	WH	L	CL
Indicator light for inscription with insert cap	–	–	–	–	LE	YE	–	–	–	–	–	–	LE	CL	
Indicator light for use with glow lamps and LED lamps	–	–	–	LL	RD	LL	YE	LL	GN	LL	BU	–	–	–	
Indicator light, raised version	–	–	–	LH	RD	LH	YE	LH	GN	–	–	–	LH	CL	
Audible signal device	–	AMK	BK	–	–	–	–	–	–	–	–	–	–	–	

For special designs, see page 9/122.

1) For more details about these actuators, see pages 9/82 to 9/84 and 9/92.








2) Can only be fitted with a maximum of 3 contact blocks.

3) A blank space must be left next to this actuator.

3SB1 Enclosed Pushbutton Units and Indicator Lights

22 mm Mounting Diameter

Selection and ordering data for equipping the control points (order appendix section V/1)




	Codes for colours										Add. price		
	black	red	yellow	green	blue	white	clear						
Knob¹⁾													
Switching sequence O-I  maintained contact													
Knob	K1	BK	K1	RD	-	K1	GN	-	K1	WH	-		
Illuminated knob	-		BK1	RD	BK1	YE	BK1	GN	BK1	BU	-	BK1	CL
Switching sequence O-I  momentary contact to the right (with return from the right)													
Knob	K2	BK	K2	RD	-	K2	GN	-	K2	WH	-		
Illuminated knob	-		BK2	RD	BK2	YE	BK2	GN	BK2	BU	-	BK2	CL
Switching sequence I-O  momentary contact to the left (with return from the left)													
Knob	K3	BK	K3	RD	-	K3	GN	-	K3	WH	-		
Switching sequence I-O-II  maintained contact													
Knob	K4	BK	K4	RD	-	K4	GN	-	K4	WH	-		
Illuminated knob	-		BK4	RD	BK4	YE	BK4	GN	BK4	BU	-	BK4	CL
Switching sequence I-O-II  momentary contact (with return from right and left)													
Knob	K5	BK	K5	RD	-	K5	GN	-	K5	WH	-		
Illuminated knob	-		BK5	RD	BK5	YE	BK5	GN	BK5	BU	-	BK5	CL
Switching sequence I-O-II  maintained contact to the right, momentary contact to the left (with return from the left)													
Knob	K6	BK	K6	RD	-	K6	GN	-	K6	WH	-		
Switching sequence I-O-II  maintained contact to the left, momentary contact to the right (with return from the right)													
Knob	K7	BK	K7	RD	-	K7	GN	-	K7	WH	-		

For special designs, see page 9/122.

1) For more details about these actuators, see pages 9/85 to 9/86.

3SB1 Enclosed Pushbutton Units and Indicator Lights 22 mm Mounting Diameter

Selection and ordering data for equipping the control points (order appendix section V/1)

	Code							Add. price	
	Key removable in position								
	O	I	II	O and I	O and II	I and II	I, O and II		
Safety locks¹⁾									
Switching sequence O-I  maintained contact									
CES safety lock, Lock No. SSG 10 Lock No. LSG1	CES CESL	1A 1A	CES -	1E -	- -	CES CESL	1AE 1AE	- -	- -
IKON safety lock, Lock No. 360012 K1	Z-J	1A	ZJ	1E	-	Z-J	1AE	-	-
BKS safety lock, Lock No. S1 Lock No. E1 (for VW) Lock No. E2 (for VW) Lock No. E7 (for VW) Lock No. E9 (for VW)	BKS BKS A BKS E BKS C BKS B	1A 1A 1A 1A 1A	BKS -	1E -	- -	BKS BKS A BKS E BKS C BKS B	1AE 1AE 1AE 1AE 1AE	- - - - -	- - - - -
O.M.R. safety lock black, Lock No. 73034	OMR BK	1A	OMR BK	1E	-	OMR BK	1AE	-	-
Switching sequence O-I  momentary contact to the right (with return from the right)									
CES safety lock, Lock No. SSG 10	CES	2A	-	-	-	-	-	-	-
IKON safety lock, Lock No. 360012 K1	Z-J	2A	-	-	-	-	-	-	-
BKS safety lock, Lock No. S1	BKS	2A	-	-	-	-	-	-	-
O.M.R. safety lock, black, Lock No. 73034	OMR BK	2A	-	-	-	-	-	-	-
Switching sequence I-O  momentary contact to the left (with return from the left)									
CES safety lock, Lock No. SSG 10	-	CES	3E	-	-	-	-	-	-
IKON safety lock, Lock No. 360012 K1	-	Z-J	3E	-	-	-	-	-	-
BKS safety lock, Lock No. S1	-	BKS	3E	-	-	-	-	-	-
O.M.R. safety lock, black, Lock No. 73034	-	OMR BK	3E	-	-	-	-	-	-





For special designs, see page 9/122.

1) For more details about these actuators, see pages 9/88 to 9/90.

3SB1 Enclosed Pushbutton Units and Indicator Lights

22 mm Mounting Diameter

Selection and ordering data for equipping the control points (order appendix section V/1)

	Code												Add. price
	Key removable in position												
	O	I	II	O and I	O and II	I and II	I, O and II						
Safety locks¹⁾													
Switching sequence I-O-II  maintained contact													
CES safety lock, Lock No. SSG 10	CES	4A	CES	4E	CES	4D	-	-	CES	4ED	CES	4EAD	
IKON safety lock, Lock No. 360012 K1	Z-J	4A	Z-J	4E	Z-J	4D	-	-	Z-J	4ED	Z-J	4EAD	
BKS safety lock, Lock No. S1	BKS	4A	BKS	4E	BKS	4D	-	-	BKS	4ED	BKS	4EAD	
O.M.R safety lock black, Lock No. 73034	OMR BK	4A	-	-	-	-	-	-	OMR BK	4ED	OMR BK	4EAD	
Switching sequence I-O-II  momentary contact (with return from right and left)													
CES safety lock, Lock No. SSG 10	CES	5A	-	-	-	-	-	-	-	-	-	-	
IKON safety lock, Lock No. 360012 K1	Z-J	5A	-	-	-	-	-	-	-	-	-	-	
BKS safety lock, Lock No. S1	BKS	5A	-	-	-	-	-	-	-	-	-	-	
O.M.R. safety lock, black, Lock No. 73034	OMR BK	5A	-	-	-	-	-	-	-	-	-	-	
Switching sequence I-O-II  maintained contact to the right, momentary contact to the left (with return from the left)													
CES safety lock, Lock No. SSG 10	CES	6A	-	CES	6D	-	CES	6AD	-	-	-	-	
IKON safety lock, Lock No. 360012 K1	Z-J	6A	-	Z-J	6D	-	Z-J	6AD	-	-	-	-	
BKS safety lock, Lock No. S1	BKS	6A	-	BKS	6D	-	BKS	6AD	-	-	-	-	
O.M.R. safety lock, black, Lock No. 73034	OMR BK	6A	-	OMR BK	6D	-	-	-	-	-	-	-	
Switching sequence I-O-II  maintained contact to the left, momentary contact to the right (with return from the right)													
CES safety lock, Lock No. SSG 10	CES	7A	CES	7E	-	CES	7AE	-	-	-	-	-	
IKON safety lock, Lock No. 360012 K1	Z-J	7A	Z-J	7E	-	Z-J	7AE	-	-	-	-	-	
BKS safety lock, Lock No. S1	BKS	7A	BKS	7E	-	BKS	7AE	-	-	-	-	-	
O.M.R. safety lock, black, Lock No. 73034	OMR BK	7A	OMR BK	7E	-	-	-	-	-	-	-	-	

Special designs

3SB18 enclosed pushbutton units	Additional price	3SB18 enclosed pushbutton units	Additional price
With metal front ring		1 rear cable entry	
Fitting a yellow backing plate		2 rear cable entries	
Enclosure with yellow lid ²⁾		Combining two enclosures	
Design with increased corrosion protection	Moulded plastic enclosure	<ul style="list-style-type: none"> with Pg 16 gland (1-4 control points) with Pg 21 gland (6 control points) 	
1 control point	Metal enclosure	Design for use under extreme mechanical stress	
2 control points		State the required design in the Order Form Appendix under V/6 in plain text.	
3 control points			
4 control points			
6 control points			

1) For more details about these actuators, see pages 9/88 to 9/90.

2) Only possible for single point enclosed pushbutton units.

3SB1 Enclosed Pushbutton Units and Indicator Lights 22 mm Mounting Diameter

Selection and ordering data for equipping the control points (order appendix section V/2)

					Code	Add. price
Contact blocks, lampholders, voltage reducers						
Code for actuator with 2 positions	Contact block	NO			S	
		NC			Ö	
		NO leading			S V	
		NC lagging			Ö N	
Pushbutton unit	BA 9s lampholder without lamp				BA 9s	
Illuminated pushbutton unit	BA 9s lampholder with lamp, see Page 9/108 for lamps, enter Order No. under V/3 (remarks)				BA 9s L	
Indicator lamp	BA 9s lampholder				BA 9s VL	
Indicator lamp with lamp test	BA 9s lampholder + voltage reducer (operational voltage 230 V AC for connecting a 130 V lamp) + lamp				BA 9s S	
	BA 9s lampholder + audible signal device	24 V DC			BA 9s S	
	Support terminals	brown			Sk BN	
		blue			Sk BU	
		green/yellow			Sk GNYE	
	Fitting a thrust cap	3SB19 02-0AA				
	Fitting a thrust pad	3SB19 12-0AN				
Number and type of contact blocks	in position I		in position II		Code	Add. price
	actuated	contact identification	actuated	contact identification		
Code for actuators with 3 positions	none	–	–	–	00	none
	2 NO	1 NO 13/14	1 NO 23/24	1 NO 23/24	03	
	1 NO + 1 NC	1 NO 13/14	1 NC 21/22	1 NC 21/22	04	
	2 NC	1 NC 11/12	1 NC 21/22	1 NC 21/22	05	
	3 NO	2 NO 13/14 and 33/34	1 NO 23/24	1 NO 23/24	07	
		1 NO 13/14	2 NO 23/24 and 33/34	2 NO 23/24 and 33/34	08	
		2 NO 13/14 and 33/34 ¹⁾	2 NO 23/24 and 33/34 ¹⁾	2 NO 23/24 and 33/34 ¹⁾	06	
	2 NO + 1 NC	2 NO 13/14 and 33/34	1 NC 21/22	1 NC 21/22	11	
		1 NO 13/14	1 NO + 1 NC 21/22 and 33/34	1 NO + 1 NC 21/22 and 33/34	12	
		2 NO 13/14 and 33/34 ¹⁾	1 NC + 1 NO 21/22 and 33/34 ¹⁾	1 NC + 1 NO 21/22 and 33/34 ¹⁾	10	
		1 NO + 1 NC 13/14 and 31/32	1 NC + 1 NC 23/24 and 31/32	1 NC + 1 NC 23/24 and 31/32	19	
	1 NO + 2 NC	1 NO + 1 NC 13/14 and 31/32	1 NC 21/22	1 NC 21/22	14	
		1 NO 13/14	2 NC 21/22 and 31/32	2 NC 21/22 and 31/32	15	
		1 NO + 1 NC 13/14 and 31/32 ¹⁾	2 NC 21/22 and 31/32 ¹⁾	2 NC 21/22 and 31/32 ¹⁾	13	
	3 NC	2 NC 11/12 and 31/32	1 NC 21/22	1 NC 21/22	17	
		1 NC 11/12	2 NC 21/22 and 31/32	2 NC 21/22 and 31/32	18	
		2 NC 11/12 and 31/32 ¹⁾	2 NC 21/22 and 31/32 ¹⁾	2 NC 21/22 and 31/32 ¹⁾	16	

Possible complements of contact blocks and lampholders

Number of control points in enclosure	Number of contact blocks/lampholders per control point					
	A	B	C	D	E	F
1	5	–	–	–	–	–
2	4	4	–	–	–	–
3	4	3	4	–	–	–
4	4	3	3	4	–	–
6	4	3	3	3	3	4

Selection and ordering data for equipping the control points (order appendix section V/4)

Inscription	Add. price
Inscription plates (included in scope of supply of enclosed pushbutton units)	
Inscription in accordance with the table on page 9/114	
Special inscription	Laser printed
Without inscription plate	none

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